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The B&H Professional Lighting SourceBook

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As you browse through these pages you will find all the information you need covering fluorescent, HMI, tungsten and electronic flash systems including features and specifications, plus guides to help you choose the appropriate reflectors, stands, light modifiers, filters, backgrounds and much more.

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Whether you are lighting a stage or set, shooting still or video, using film, tape or solid-state media, proper lighting is essential to produce professional results. We are able to see because light reflects off the subject we look at. Regardless of the type of camera you shoot with, without light, your subject will not be recorded. Color, contrast, shape, and texture are just some of the attributes that are revealed through the effective use of light.

When you first consider purchasing lights, the choices can be overwhelming. The Lighting SourceBook is here to help you. This introduction will give you a basic understanding of lighting fundamentals that will enable you to make intelligent choices. The B&H Lighting SourceBook is divided into sections categorized by lighting fixture type. Each fixture type will be explained in detail at the beginning of its section.
What Is Light?
Essentially, light is made up of wave-particles called photons. Visible light falls in the Electromagnetic Spectrum, between approximately 400 and 700 nanometers (1 nanometer = one billionth of a meter). White light consists of all visible colors combined. The color of visible light changes in respect to its wavelength. Red, being the longest wavelength and violet, the shortest. A rainbow or light passing through a prism demonstrates white light being separated into its component colors.

The Electromagnetic Spectrum

Light Measurement
There are many ways to measure the quantity and quality of light. Of course, a unit of measure is essential. Don’t be intimidated by the technical jargon. Unless you’re a physicist, odds are you will not be familiar with all terms listed, nor do you have to be. A good light meter will provide you with all the information you need. You may see light specifications described in one of the following terms:

Candela
The candela (abbreviation, cd) is the standard unit of luminous intensity in the International System of Units. Originally, luminous intensity was measured in terms of units called candles. This was based on the approximate amount of light emitted by a candle flame. Late in the 20th century, the current definition and terminology was adopted to allow for consistent and repeatable measurements of light. The term candela also refers to candle power, 1 candela = 1 candlepower.

Candela is formally defined as the magnitude of an electromagnetic field in a specified direction, that has a power level of 1/683 watt (1.46 x 10^-3 W) per steradian at a frequency of 540 terahertz (540 THz or 5.40 x 10^14 Hz).

Foot-candle
The Foot-candle is a standard reference unit used to measure the luminance on a surface that is everywhere one foot from a uniform point source of light on one candle and equal to one lumen per square foot.

The Foot-candle is a standard reference unit used to measure the luminance on a surface that is everywhere one foot from a uniform point source of light on one candle and equal to one lumen per square foot.

Foot Lambert
The Foot Lambert is a unit of luminance equal to the luminance of a perfectly diffusing surface that emits or reflects one lumen per square foot.

Lux
Lux is a unit of illumination equal to the direct illumination on a surface that is everywhere one meter from a uniform point source of one candle intensity or equal to one lumen per square meter.

Lux is a term commonly used to show the minimum amount of light needed for a video camera to function. Many video cameras are so sensitive, that they require small amounts of light to function properly, and are referred to as “low Lux cameras”.

One lux is the equivalent of 1.46 milliwatt (1.46 x 10^-3 W) of radiant electromagnetic (EM) power at a frequency of 540 terahertz (540 THz or 5.40 x 10^14 Hz), impinging at a right angle on a surface whose area is one square meter. A frequency of 540 THz corresponds to a wavelength of about 555 nanometers (nm), which is in the middle of the visible-light spectrum.

Lumen
A unit of luminous flux equal to the light emitted in a unit solid angle by a uniform point source of one candle intensity.

NOTE: The most commonly used terms used in lighting are the foot-candle, and lux.

Watt Second
This standard is used to measure the total power potential of electronic flash power packs. One watt second is a measurement of stored energy equal to one joule per second.

Many factors affect the actual light reaching the subject and must therefore be considered. The flash systems power pack simply stores the energy in capacitors that, when triggered, release this energy through the flash tube. Different flashes of similar energy storage capacity will produce different amounts and qualities of light.

Choosing equipment solely on its watt second rating will not give a true representation of its light producing capability. The quality and optimization of the design of the flash tube and reflectors contribute significantly to a system’s overall performance.

It is impossible to accurately assess the quantity and quality of a system until the stored energy in its capacitors are converted to usable light in the flash tube and focused by the reflector on the subject. The narrower the angle and the more polished the reflector, the more light will be directed toward the subject.

When comparing products you must take into account variations in manufacturers specs. Reflector angle, reflector finish, flash tube color temperature, flash to subject distance, ISO etc., must all be equal before comparing specs.
Inverse Square Law

This is an important law that governs light intensity as a function of distance. The law states that the quantity of light is inversely proportional to the square of its distance.

Examples: A light is placed 1 foot away from the subject. If the distance is doubled to two feet, the square of its distance is $(2^2)$ or $4$. The inverse of 4 is $\frac{1}{4}$. Therefore, the quantity of light at 2 feet from the subject is $\frac{1}{4}$ the amount of light at 1 foot. If the light is moved to a distance of 8 feet, the square of its distance is $(8^2)$ or $64$. The inverse of 64 is $\frac{1}{64}$. The quantity of light at 8 feet from the subject is $\frac{1}{64}$ the amount of light.

Factors Effecting Exposure

Shutter Speed

A camera's shutter speed setting determines the time period of light is allowed to strike the film or image sensor. The shutter speed number is calibrated in fractions of a second. The larger the number, the shorter the exposure. 1 equals 1 second, 2 is $\frac{1}{2}$ second, 4 is $\frac{1}{4}$ second and so on. Each increment represents half the exposure time of the previous setting.

Higher shutter speeds stop movement, whereas slower shutter speeds will cause a blurring effect when shooting fast moving subjects.

F-stop

F-stops, also known as apertures, or lens openings control the amount of light passing through a lens at any given time. They are expressed as a specific size of an opening in the diaphragm (iris) of a lens in proportion to its focal length. F-stops exist in still, film, digital, and video cameras.

The higher the F number, the smaller the opening. Each consecutive higher number lets in half the amount of light of the preceding number. The lower the number, the larger the opening. Each consecutive lower number lets in twice the amount of light of the preceding number.

The lens aperture also controls depth of field. Depth of field is the distance range that appears to be in focus in front of and behind the film plane. As the aperture increases, (smaller F number), the depth of field decreases. This would be ideal if you want the subject in focus and the rest of the elements in the photo-graph out of focus so that the viewer’s eyes are immediately drawn to it. As the aperture decreases, (higher F number), the depth of field increases, giving you the ability to control the range of foreground and background focus.

ISO

ISO is an international standard to indicate the relative sensitivity of film to light, also called film speed. Film speed is expressed as an ISO number or an exposure index (EI). ISO ratings have replaced earlier ASA and DIN standards.

The higher the ISO number, the more sensitive or faster the film. The lower the ISO number, the less sensitive or slower the film. Film with a relatively high ISO rating requires less light for proper exposure than a lower ISO rated film.

Example: film with a speed of ISO 100 is slower than a film with a speed of ISO 200 and requires twice as much light to record the same exposure.

Many cameras automatically set the film speed by reading a code on the film cassette. Film speed must be set on exposure meters to obtain the correct exposure readings.

The ISO prefix and the older ASA speeds are numerically the same. For example, if the speed of a film were ISO (ASA) 200, you would set 200 on the ISO (ASA) dial of your camera or meter.

Exposure Meters

A good meter is essential in order to arrive at and maintain consistent exposure. Even if you choose to shoot with...
available light, a meter will help in controlling the detail and contrast of your images. Your exposure will be accurate, and you will save time in post-production. A bonus is consistency that adds professionalism to your work that will surely be noticed by your clients. An other advantage of using a hand held meter is the ability to achieve repeatable effects when you wish. You can choose your depth of field, lighting ratio and produce high quality results every time you record an image.

Incident Light Versus Reflected Light
Light radiates from its source, whether it is the sun or an artificial source, such as an incandescent light. Light reflects off the subject and enters our eyes so that we are able to see it. The reason we see black as black and white as white is that white surfaces reflect all the visible spectrum, whereas black surfaces absorb most of the light making it appear dark to our eyes.

Incident light is light that travels from the source to the subject and is measured before reflecting off the subject. Light reflected off the subject is called reflected light.

Most camera metering systems measure reflected light. The camera measures the light after it has already reflected off the subject. Spot meters are used at the camera position to measure small areas of light reflected off the subject.

Most handheld meters feature both incident and reflected light measurement. The advantage of an incident meter is the fact that it measures the quantity of light from the source, regardless of the tonal range of the subject.

Incident Measurement

Reflected Measurement

Example:
Two subjects a man in a white suit, and a man in a black suit are sitting next to one another on a park bench. It's a bright sunny day, not a cloud in the sky. The same amount of sunlight is illuminating both subjects equally; therefore the exposure should be the same for both subjects.

The reflective metering system in most cameras tries to average the exposure to an 18% (medium) gray. If you were to fill the camera frame entirely with the man wearing the white suit, the camera's meter will try to darken the exposure, to once again arrive at the 18% (medium) gray value.

Even when the light source is the same, the different reflective values of blacks and whites, will cause the exposure to vary substantially with a reflective metering system, resulting in inaccurate readings.

Gray Card
An 18% gray card is used when you want to achieve proper exposure without having an incident meter. Since the camera's meter is trying to arrive at an average 18% in the first place, if you fill your camera frame with the gray card in front of your subject, the camera's meter will give you the proper exposure for this card, thereby producing an average exposure that should be quite accurate.

Light Fixture Types (Luminaires)
There are many different lighting fixtures that change the quality of the light that is generated by the lamp inside. In the B&H SourceBook, you will see a majority of the different popular types used today. We have defined a few of them for you so you'll get a good idea of what each of them does.

In addition to the sun, light can be created many different ways.

Lamps
Incandescent Lamps
An incandescent light bulb works by heating a solid filament so intensely that the filament's thermal radiation includes large amounts of visible light.
INTRODUCTION TO LIGHTING

Fluorescent Lamps
A fluorescent tube contains mercury vapor that is ionized by an electrical current flowing through the tube, which is then transformed into visible light by striking fluorescent phosphors that coat the inner surface of the tube.

Gas Discharge Lamps
A gas discharge lamp is a lamp often filled with high-pressure mercury, sodium vapor, xenon or even neon that is excited by an electrical charge to produce visible light with specific color characteristics.

The typical electronic flash tube is constructed from glass or quartz and comes in a variety of shapes. The tube is filled with the inert gas xenon. Electrodes are attached to each end of the tube. Applying a high voltage pulse to the “trigger” electrode on the tubes surface, ionizes the xenon gas in the flash tube. This makes it conductive and permits the tube to discharge the stored energy held in capacitors in a fraction of second, producing a powerful burst of light.

Fixtures

Fresnel
Fresnels are identifiable by the glass lens with the concentric circles on the front of the fixture. Fresnels are true focusing lights due to the fact that the lamp and reflector move in unison. Fresnels provide an even beam with good shadow definition. Fresnels are some of the most popular lights used in film and television production around the globe.

Open Face
A general term for a luminaire that does not use a lens. They sometimes may be provided with a safety glass or a wire mesh. Generally they cast a fairly wide beam. They are excellent lights if you are going to diffuse them through a silk, softbox, or bounce them off a reflective panel. They tend to be a little lighter in weight and less expensive than Fresnels.

Par
A generally lightweight luminaire that uses a PAR (Parabolic Aluminized Reflector) lamp. The light beam characteristics depend upon the type of lamp used. These types of luminaires are used frequently in stage and theatre productions.

Broadlight
A wide-angle floodlight. Used to direct a large amount of light at a relatively large area.

Softlight
A softlight is an indirect lighting source in which the light bounces off an internal reflector to produce soft light with soft shadow edges.

Ellipsoidal
These fixtures are usually classified as spotlights. They usually throw a controlled narrow beam with a sharp edge with strong shadow definition.

Cyc light
A fixture designed to provide an even wash of light on cycloramas (a curved curtain or wall used as a background of a stage set to suggest unlimited space) and backdrops. The cyc light can also be used as a multi-purpose flood or fill light for stage and studio lighting applications.

Controlling Light
After covering the quantity of light and where it comes from, we need to discuss how we are going to change the quality of light in order to achieve optimum results.

Light coming from a point source will be very specular (undiffused - hard shadows) in nature. There are different ways to diffuse (make light softer - soften shadows) light to make it softer.

A rule regarding the quality of light is: the larger the light source and the closer it is to the subject, the softer the light will be. Bouncing light off an umbrella for example, makes the light source change from the size of the bulb to the size of the umbrella, making it bigger and diffusing the light. Similar effects are achieved by bouncing light off a wall or other large surface.

You can also pass light through a diffusion gel, a large diffusion panel, or a softbox. In each case the light source is now the size of that modifier, in turn making it larger. The modifier scatters the light so that it comes from all directions filling in all the surface angles of the subject thereby reducing the contrast significantly.

Light Modifiers
There are many ways to modify the light reaching the subject. They include umbrellas, reflectors, light banks, soft boxes, filters, diffusers, grids, baffles etc. Creative lighting has almost no limits, thanks to...
the diversity of products available. The appropriate section of the B&H SourceBook will go into greater detail describing the full range of light modifying tools to help you achieve just about any lighting effect you desire.

**Light and Color**
We use a term called “Light Balancing” to describe how warm or cool the light is (usually referred to in degrees Kelvin). The other term is “Color Correction” which deals more with pure color. In order to achieve accurate color results, you must have the light balanced and color corrected.

**Light Balancing**
Color temperature is measured in degrees Kelvin. The color temperature of light is measured by taking a black body radiator (an object or system which absorbs all incident radiation upon it and re-radiates that energy back out). When the black body radiator is heated to a certain temperature, it starts to glow orange. As more heat is applied, the temperature increases, getting bluer (less orange), more towards white light and eventually when the black body radiator gets to the upper heat levels, it becomes even more blue, until it won’t change anymore. This color is then compared to various light sources, and assigned the temperature of the black body radiator when heated to that color. The following list displays some common light sources with their average color temperatures.

The chart illustrates, when the Kelvin temperature increases, light becomes cooler, bluer. Conversely, as Kelvin temperature decreases, light becomes warmer, more orange. This explains why, daylight film (balanced at 5500k) that is exposed indoors with an incandescent light source (3000k), will produce photographs that appear orange.

**Color Correction**
If you have ever taken a picture of someone with daylight film in a room lit by fluorescent lights, you will have noticed that your photos have a green cast to them. Light-balancing filters will only make this color cast warmer or cooler. The only way to eliminate a color cast is to use the opposite or complimentary color of that cast to neutralize it. In this case, a magenta (the opposite of green) filter of the same intensity of the green shift is used to cancel the green effect.

### Kelvin Temperatures for Common Light Sources

<table>
<thead>
<tr>
<th>Source</th>
<th>Degrees (in °K)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear blue sky</td>
<td>10,000-15,000</td>
</tr>
<tr>
<td>Overcast sky</td>
<td>6000-8000</td>
</tr>
<tr>
<td>Sunlight, noon</td>
<td>5400-6000</td>
</tr>
<tr>
<td>Sunlight average</td>
<td>3000</td>
</tr>
<tr>
<td>High altitude</td>
<td>2500-3000</td>
</tr>
<tr>
<td>Electronic flash</td>
<td>200w bulb</td>
</tr>
<tr>
<td>On-camera flash</td>
<td>100w bulb</td>
</tr>
<tr>
<td>Daylight blue</td>
<td>50w bulb</td>
</tr>
<tr>
<td>Flood lamps</td>
<td>25w bulb</td>
</tr>
<tr>
<td>Studio photo floods</td>
<td>20w bulb</td>
</tr>
<tr>
<td>Studio tungsten bulbs</td>
<td>10w bulb</td>
</tr>
<tr>
<td>Studio quartz bulbs</td>
<td>5w bulb</td>
</tr>
<tr>
<td>Household lighting</td>
<td>2.5w bulb</td>
</tr>
<tr>
<td>Flood lamps</td>
<td>1w bulb</td>
</tr>
<tr>
<td>Studio photo floods</td>
<td>0.5w bulb</td>
</tr>
</tbody>
</table>

To balance the light for this situation, we can either put a blue gel on the light to remove the orange, or attach a blue filter to the camera lens.

### Warming Filters

<table>
<thead>
<tr>
<th>For The Camera</th>
<th>Shift (<em>Kelvin</em>)</th>
</tr>
</thead>
<tbody>
<tr>
<td>85</td>
<td>5500k - 3200k</td>
</tr>
<tr>
<td>85 C</td>
<td>5500k - 3800k</td>
</tr>
<tr>
<td>81 C/D</td>
<td>5500k - 4500k</td>
</tr>
<tr>
<td>81 A/B</td>
<td>5500k - 4900k</td>
</tr>
</tbody>
</table>

### Cooling Filters

<table>
<thead>
<tr>
<th>For The Camera</th>
<th>Shift (<em>Kelvin</em>)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 A</td>
<td>3200k - 5500k</td>
</tr>
<tr>
<td>80 C/D</td>
<td>3200k - 4100k</td>
</tr>
<tr>
<td>82 A/B</td>
<td>3200k - 3500k</td>
</tr>
</tbody>
</table>

The easiest and most accurate way to determine which filter to use to correct your color balance is to use a color meter.

Digital image capture facilitates color correction through the use of image editing computer software. Naturally, starting with the right color balance, saves time.

### Lighting Placement and Definitions

#### Key Light
The principal or main light source that defines the overall look and the mood of the subject.

#### Fill Light
If you place a light source at a 45-degree angle from the camera position and slightly above the subject, you will create a shadow on the other side of the subject. The function of the fill light is to reduce this shadow creating a flatter more balanced exposure on both sides of the subject.

### Background Light
These lights are directed at the background to add a sense of separation between the subject and background.
Introduction to Lighting

Back Light (Separator Light)
Back lights are directed towards the subject from behind, adding separation between the subject and background. These lights tend to give a fringe of light that surrounds the subject. Back lights are also used to highlight a subjects hair.

Rim Light
This light is usually used for lighting objects instead of people.

Kicker
The kicker is used to light the side of a subject usually from a low angle located behind and towards the side of the subject.

Three Point Lighting
The traditional starting point to light a subject is three-point lighting. Basically, one light is located at 45 degrees to the camera, this is the main or key light. The fill light is positioned 45 degrees to the camera on the other side, and the backlight is placed on a boom just slightly behind and above the subject’s head.

The diagram illustrates the basic positioning of three-point lighting.

Three-point lighting is only the starting point, but by no means must you light your subjects in this manner. It is always good to start with a proven method to get the feel of things. Once you feel comfortable with the results you are getting, you can become more creative with your lighting set ups. The beautiful thing about lighting is that you can see your results as you set up your lights.

Most strobes also include modeling lights to provide a preview of your lighting effects. The main thing to concentrate on is exposure and controlling the lighting ratio of the different luminaires.

Lighting Ratios
Ratios are commonly used to express the difference between the amounts of light on one side of the subject and the other. This ratio is usually expressed in numerical form starting with the key light in proportion to the fill light.

For example:
If a ratio is 1:1, it means that the fill light is the same intensity as the main light.

Key Fill Ratio

<table>
<thead>
<tr>
<th>KEY</th>
<th>FILL</th>
<th>RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>F11</td>
<td>F11</td>
<td>1:1</td>
</tr>
<tr>
<td>F11</td>
<td>F8</td>
<td>2:1</td>
</tr>
<tr>
<td>F11</td>
<td>F5.6</td>
<td>4:1</td>
</tr>
<tr>
<td>F11</td>
<td>F4</td>
<td>8:1</td>
</tr>
<tr>
<td>F11</td>
<td>F2.8</td>
<td>16:1</td>
</tr>
<tr>
<td>F11</td>
<td>F2</td>
<td>32:1</td>
</tr>
</tbody>
</table>

This type of lighting will produce a very flat light that is very clean without much drama. If the ratio is 2:1, the key light will give you twice the amount of light as the fill, creating a slight shadow on the fill side of the subject. This is one of the most commonly used ratios.

When in doubt, start with a 2:1 ratio to see how it looks on your subject. If the ratio were 4:1 you would have a main light with four times the amount of light as the fill, creating a greater shadow on the fill side of the subject.

As you increase the ratio between your key and fill lights, you will be adding more shape, and produce more dramatic results.

Caution
Before you continue to the rest of the B&H SourceBook, there are a few points about safety that need to be addressed.

Bulbs should never be touched by bare skin. Grease from skin can cause the glass to weaken. This weakening may lead to shortened lamp life and/or explosion. Bulbs should be handled with paper, plastic, or cloth to avoid contact with skin.

Almost all light fixtures provide some kind of protective screen or glass to cover the front part of the fixture. It is rare for lamps to explode. However, in the instance that one does, there will be red-hot shards of glass flying through the air after what sounds like a gunshot. The safety features are there for your protection. It is well advised that you use them.

Whenever a fixture is mounted from above, a safety cable is an inexpensive way to insure safety. If the light were to come loose from its mount, the safety cable will support the weight of the fixture, preventing injury until the problem can be fixed.

When lighting is used in public places, seek advice from a qualified gaffer or other lighting professional. This is a great way to make sure all local electrical and safety codes are complied with.

Conclusion
As you continue through the B&H SourceBook, you will find more in depth information to help you become a lighting expert. Each section is packed with helpful guides and lighting instruction, so make sure you review the B&H SourceBook from cover to cover.
Section 2
Strobe Lighting - Packs & Heads

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Elinchrom .......................................... 39-49
Hensel ............................................... 50-53
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INTRODUCTION TO PACKS & HEADS

Choosing Electronic Flash Packs and Heads

Power packs are designed to accept and power a number of flash head via extension cables and are relatively transportable. Power pack systems are quite versatile, offering many accessories that accommodate most creative lighting requirements. Interchangeable reflectors and light modifying attachments for lamp heads allow you to determine just how soft or hard your lighting effect will be. The use of multiple heads with lights strategically placed and modified, is the key factor that differentiates professional from amateur images.

Power packs are rated a number of ways

Guide Number
Defined as the f/stop times the distance of a given ISO rating. For example a guide number of 110 will result in an exposure of f/11 at 10’ with ISO 100. Guide numbers are usually specified for ISO 100 at 10 feet.

BCPS
Beam Candle Power Seconds. Used to measure light output of a flash unit. The flash head is aimed at a calibrated meter, usually at a distance of 10’. This rating will vary depending on the reflector used in the test.

Watt Seconds
Watt Seconds describe the amount of energy stored in the capacitors of an electronic flash power pack.

Because of the great flexibility in modifying the lamp heads of most pack systems, the above ratings cannot be used to determine the true light output that will be used to expose your subject. Other factors effecting performance include: Efficiency of the electronic components, the design of the control circuitry, lamp head, the type of flash tube, the length of the cables, reflectors and other accessories used. When comparing units, consider power claims as only one of many factors in your decision-making process.

There are many aspects to consider before deciding on the lighting system that’s right for you. You must first understand what the advantages and disadvantages of the various electronic flash systems are. Then you should carefully compare the brands and as many factors as possible that meet your requirements. No product or brand can do everything for all situations. However today’s electronic flash pack systems are extremely versatile and one will certainly be ideally suited for your special needs.

Light output is usually the major consideration when looking for electronic flash equipment. However this is only one of many factors that should govern your choices. Remember there are many factors that will determine the actual light level exposing your subject. The ratings of a power pack and flash head does not take into consideration the substantial effect reflectors, umbrellas, light boxes, room size, number of lights, ambient light condition, and subject matter have on the actual amount of light that will be needed to properly expose the subject. So while raw power is an important consideration be sure to include the following factors into your decision making process.

The System
Carefully check out the entire system you’re purchasing, make sure you will be able to upgrade and expand within the brand while maintaining the use of your accessories such reflectors, barn doors, snoots, spare cables lamps etc.

The Lamps
Make sure all lamps are properly balanced. Flash tubes are available with and with out UV coating that will produce slightly different color temperatures. If you want to be able to replace flash tubes yourself, look for products that offer this feature.

Handling
Compare pack weight versus power. If most of your projects are in your studio, weight may not be as important factor as light output, however if you do a lot of location work, such as wedding or school photography, raw power may not be as important as portability and set-up & take-down convenience.

Features
Modern flash systems include many advanced features, providing the ultimate in creative control. They include but are not limited to:

- Digital readouts and LED’s, for more precise control.
- Symmetrical and asymmetrical control of each head connected to the main power pack, plus proportional modeling lamp control.
- Faster recycle times with full power indication, for consistent exposures.
- Wide choice of interchangeable accessories to help you creatively control your lights.
- Any kit options, for different applications to help you get started on the right path.

Safety
Most products in this sourcebook are made with the best possible components and are certified for safety when handled according to manufacturers recommended safety handling procedures. Remember that all electronic flash equipment operates on very high voltage and power and must be treated with utmost care.

Which system is right for you?
Every photographer has different needs. It is therefore necessary to study and compare the variety of products offered in this source book before deciding on the product or system that will provide the results you need.
Broncolor Grafit A ushers in a new generation of control and convenience in studio strobe lighting. The Grafit introduces advanced new features as well as improvements of old ones. The Grafit A2 is a 1600ws pack and the Grafit A4 is a 3200ws pack. The Grafit delivers selectable flash duration, flash sequence, flash delay and many other advanced features. Can be controlled from a Mac or PC - ideal for digital applications. Comes standard on Grafit A Plus packs, upgrade available for Grafit A packs.

Access all the functions of your Grafit A2/Grafit A4 power packs from any Macintosh or Windows-based computer with computer interface.

**Menu-driven commands:** All special features of Grafit A are controlled from a 4-line LCD menu screen. Simple controls let you change all the pack’s advanced settings and display crucial information at the touch of a button. The LCD is backlit for easy visibility in dark studios.

**Even better asymmetric control:** You can control the power of each head as if it were its own power pack. Just choose the power level for any head, and the overall power selection will self-adjust to match.

**Displays f/stop and w/s or f/stop and percentage simultaneously.**

**Faster recycle time - as little as 0.03 seconds, allowing for stroboscopic effects. Maximum of only 1.6 seconds. (1600ws).**

**Color temperature controllable with the FCC color meter.**

**110-220v switchable.**

**Grafit A2**

<table>
<thead>
<tr>
<th>Capacity: 1600ws</th>
<th>Output: f/64-1/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Duration: 0.1: 1/250 - 1/6000 sec.</td>
<td>100% Recycle Time: 0.03 - 1.6 sec.</td>
</tr>
<tr>
<td>Triggering: IR/Cord/Cell</td>
<td>Adjustment Range: Up to 6.7 stops in 1/10 or 1/3 stop increments</td>
</tr>
<tr>
<td>Modeling Light: 250W proportional to flash power</td>
<td>Distribution: Symmetrical/Asymmetrical</td>
</tr>
<tr>
<td>Head Outlets: 3</td>
<td>Weight: 17.5 lbs. (7.9kg)</td>
</tr>
<tr>
<td>Dimensions: 7&quot;x11&quot;x12&quot; (17.8x27.9x30.5cm)</td>
<td></td>
</tr>
</tbody>
</table>

**Grafit A4**

<table>
<thead>
<tr>
<th>Capacity: 3200ws</th>
<th>Output: f/90-1/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Duration: 0.1: 1/125 - 1/6000 sec.</td>
<td>100% Recycle Time: 0.03 - 3.2 sec.</td>
</tr>
<tr>
<td>Triggering: IR/Cord/Cell</td>
<td>Adjustment Range: Up to 6.7 stops in 1/10 or 1/3 stop increments</td>
</tr>
<tr>
<td>Modeling Light: 250W proportional to flash power</td>
<td>Distribution: Symmetrical/Asymmetrical</td>
</tr>
<tr>
<td>Head Outlets: 3</td>
<td>Weight: 24 lbs. (10.9kg)</td>
</tr>
<tr>
<td>Dimensions: 7&quot;x11&quot;x16&quot; (17.8x27.9x40.6cm)</td>
<td></td>
</tr>
</tbody>
</table>

**Grafit A2 Plus**

| Grafit A2 (103000) | Item # BRGA2 .......... 5095.00 |

**Grafit A4 Plus**

| Grafit A4 Plus (103200) | Same as Grafit A2 but with Mac/PC computer interface. | Item # BRGA2P .......... 6259.50 |

| Grafit A4 (103025) | Item # BRGA4 .......... 7135.00 |

**Grafit A4 Plus**

| Grafit A4 Plus (103225) | Same as Grafit A4 but with Mac/PC computer interface. | Item # BRGA4P .......... 8398.95 |
TOPAS PACKS/ACCESSORIES

BRONCOLOR

TOPAS PACKS & HEADS

FEATURES

- Switchable symmetrical/asymmetrical
- Proportional modeling light
- Illuminated silicone keypad
- Built-in infrared receiver and photocell
- Automatic flash monitor
- 220-240V, 110-120V; adapts automatically to mains voltage
- Switchable to slow charging mode

A2 SPECIFICATIONS

Capacity: 1600ws  
Output: f/64-2/10  
Flash Duration at Full Power:  
t.0.1: 1/300 sec.  
t.0.5: 1/1000 sec.  
100% Recycle Time:  
0.4-1.8 sec. @120V and 230V,  
0.5-2 sec. @ 100V  
Triggering:  
Manual release button, IR-receiver, photocell, sync cable, FCM 2, FCC, IRX, IRQ  
Adjustment Range:  
5 f-stops in 1/10 f-stops intervals (1:32)  
Modeling Light:  
300W, proportional to flash energy and “full” and “low” settings. Adjustable to other broncolor power packs & compact units.  
Distribution: Symmetrical/Asymmetrical  
Outlets: 2  
Weight: 12.8 lbs. (5.8kg)  
Dimensions: 11” x 6.4” x 10.7”  
(28 x 16.3 x 27.2cm)

A4 SPECIFICATIONS

Capacity: 3200ws  
Output: f/90-2/10  
Flash Duration at Full Power:  
t.0.1: 1/150 sec.  
t.0.5: 1/600 sec.  
100% Recycle Time:  
0.7-3.4 sec. @120V and 230V,  
0.5-4 sec. @ 100V  
Triggering:  
Manual release button, IR-receiver, photocell, sync cable, FCM 2, FCC, IRX, IRQ  
Adjustment Range:  
5 f-stops in 1/10 f-stops intervals (1:32)  
Modeling Light:  
300W, proportional to flash energy and “full” and “low” settings. Adjustable to other broncolor power packs & compact units.  
Distribution: Symmetrical/Asymmetrical  
Outlets: 2  
Weight: 17.6 lbs. (8kg)  
Dimensions: 11” x 6.4” x 12.7”  
(28 x 16.3 x 32.2cm)

TOPAS A2

Topas A2 Power Pack (103300)  
Item # BRTA2 .............. 2849.95

TOPAS A4

Topas A4 Power Pack (103400)  
Item # BRTA4 .............. 4159.95

TOPAS POWER PACKS

The Topas A2 is a 1600Ws pack that features symmetrical or asymmetrical - selectable individual power distribution of its two lamphead outlets with up to a 5 f/stop output range controllable in 1/10th f/stop increments giving it accurate and consistent output; necessary for digital applications. There is an on/off switch for each outlet and the pack offers illuminated silicone push keys and individual LED displays with both audible and visible flash monitoring. The Topas A4 offers the same features as the Topas A2 in a 3200Ws version. Both packs are microprocessor controlled and offer modeling lights that are proportional to the flash power of the individual outlets, provide built-in infrared receivers for remote triggering, and have auto selectable 110-240V requirements. Recycle times (at 100%) range from a short 0.4s to a maximum of 1.8s for the Topas A2. As usual, the Topas packs are compatible with the entire line of Pulso and Primo lampbases and all their corresponding accessories.

POWER PACK ACCESSORIES

IRX-2 Transmitter (162012)  
With a range of over 150 feet (46m), the IRX is ideal for long distance applications, or studios with walls that don’t reflect well. The IRX features two infrared channels, allowing two sets to operate in a single studio without interference. It’s compatible with all infrared-capable Broncolor packs. Uses 2 AA batteries.  
Item # BRTIRX2 ............. 519.95

Servor D Remote Control (163023)  
For Grafit/Grafit A, Pulso/Pulso A, Opus/Opus A power packs, and Minipuls D 160, to control main functions: On/Off, power selection, modeling light on/off, photocell/IR on/off, in Grafit A: individual control of lamps, 4 memory functions; in Minipuls D: 3 memory functions; Open Flash. 9V battery not included.  
Item # BRRCSD ............. 413.95

LIGHTING TIP

Always keep spare modeling lamps and flash tubes with your lighting equipment, you never know when a lamp will fail.

For Any Inquiries Regarding Your Order, Call Our Customer Service:  
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
The new line of Nano packs from Broncolor offer an excellent price/performance ratio to the photographer who has always envied the reliability and consistency delivered by Broncolor. To this, add the compatibility with other Broncolor packs and the full assortment of lampheads, reflectors, softboxes, large area lights, spots, light meters, infrared triggers, remotes and more, and you can see the opportunities that await you. These compact and lightweight packs offer infrared and white light triggering and consistent color temperature.

### NANO 2
- **Capacity:** 1200ws
- **Output:** f/45-7/10
- **Flash Duration t0.1:** 1/200-1/300 sec.
- **100% Recycle Time:** 0.25-1.7 sec.
- **Triggering:** IR/Cord/Cell
- **Adjustment Range:** Up to 5 f-stops in 1/10 stop increments
- **Modeling Light:** 2x300W proportional to flash power
- **Distribution:** Symmetrical
- **Head Outlets:** 2
- **Weight:** 11 lbs. (5kg)
- **Dimensions:** 9⅛” x 6¼” x 10⅜” (23.6 x 16 x 27.7cm)

### NANO A4
- **Capacity:** 2400ws
- **Output:** f/64-7/10
- **Flash Duration t0.1:** 1/150-1/250 sec.
- **100% Recycle Time:** 0.25-2.9 sec.
- **Triggering:** IR/Cord/Cell
- **Adjustment Range:** Up to 5 f-stops in 1/10 stop increments
- **Modeling Light:** 2x300W proportional to flash power
- **Distribution:** Asymmetrical
- **Head Outlets:** 2
- **Weight:** 14.3 lbs. (6.5kg)
- **Dimensions:** 11⅛” x 6⅜” x 11” (28.7 x 16.8 x 27.7cm)

### FCC COLOR/FLASH DURATION METER
- Calculates proper filtration for any two programmable film types.
- Infrared color temperature control of Grafit A and Pulso A packs.
- Infrared triggering of all Broncolor packs.
- Lux readings of ambient light.
- Includes case.
- Requires one 9V battery (not included).

### FCM 2 FLASHMETER
- Extended sensitivity range from EV 0 to 23.
- Measures both flash and continuous light, separately or combined
- Film plane metering capability with the addition of the FCM 2 Probe
- 2 channel infrared triggering of Broncolor packs
- Multiple flash measurement
- Mean and contrast readings
- Infrared power level control of Grafit, Pulso, and Opus packs
- ISO 3 - 4000
- Range f/1.0-f/180.9 in 1/10 stops
- LCD Display
- Requires 9V battery, not included.

### ACCESSORIES
- **FCM Holder** (161013)
  - Keep your FCM conveniently attached to the side of your Sinar camera while using the FCM Probe.
  - Item # BRFCMH ................................................. 104.95

- **Case for FM/FCM 2** (161009)
  - Nylon case for FCM meter (included with FCC).
  - Item # BRCFM .................................................. 9.95

### ORDER & INFORMATION
- (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
- 1-800-947-9941 • www.bhphotovideo.com
The extensive range of lighting units is intended to meet the photographer's demands for the ideal creative light source. The Pulso and Primo lamp bases with the Pulso bayonet system give the user access to a wide range of interchangeable reflectors with accessories for customized illumination. Pulso and Primo lamp bases are characterized by their compactness, high-performance halogen modeling light, cooling fan, built-in thermal protection, plug-in flash tubes proven quick release systems. Twin lighting units enable the energy of two power packs to be simultaneously concentrated in a single lamp base.

- Auto selectability between 110V and 220V. Use the correct modeling lamp for the respective voltage being used. Handy “Max 1600” and “Max 3200” stickers ship with the Pulso G heads to remind the photographer how the lamphead has been configured. While each head can take up to 3200Ws, they will be sold as either a 1600 or 3200Ws head with a flashtube, 300 Watt modeling light and dome all included.
- Pulso G heads come with a stronger clamping system, built more solid with a steel threaded insert; providing improved braking to handle heavier attachments and light shapers.
- To improve mounting capability with third party light stands, the Pulso G comes with a stand adapter that has been optimized for broader compatibility, thus eliminating the need for a separate Broncolor Adapter.
- The Pulso G implements a newly designed interlocking device that integrates with specially designed protection domes for the lamphead. This new bayonet mount prevents the protection dome from inadvertently being loosened and falling off. Available in UV coated and non-UV coated versions in both matte and clear. The new domes are backward compatible with the F2 and F4 lampheads, as well as the Minipuls C and Minipuls D monobloc units. However the older style protection domes are not compatible with the new Pulso G lampheads. As mentioned above, the new Pulso G series comes with all the previous advantages of the Pulso F series such as light angle focusing, a bayonet-style reflector mount with automatic locking, a cooling fan for long flash sequences, and an umbrella holder. The Pulso G is compatible with all Broncolor power packs built since 1972.

**PRIMO / PULSO LAMPBASSES**

**PULSO “G” SERIES LAMPBASSES**

The new Pulso G is based upon the extremely popular F series lamphead line offering all of its most useful features while incorporating a few significant improvements over the older line.

- Primo 1600ws (121018) Non-focusing, fan cooled. Item # BRPQ ..............699.00
- Primo 4 3200ws (121019) Non-focusing, fan cooled. Item # BRP4Z ..............979.95
- Pulso Twin 4 2x3200ws (120016) With 2 fixed 3200ws tubes. Item # BRPT416 .............................................................2593.50

**ACCESSORIES**

- Handle for Lamphead (120012) Accessory handle for all Pulso lampbases makes precise adjustment of the heads fast and easy. Item # BRHLH ..............26.95
- Locking Lever (120013) Older heads can easily be converted by replacing the blue handle with this handle. Item # BRLL ..............12.95

**Equipment Leasing Available**
If you need lots of light in a tight space, or if you just like to travel light, use the Picolite with any Broncolor power pack. This tiny 1600w/s head has a built-in 130° reflector. You can add a compact set of 4-wing barn doors, or a snoot with honeycombs or spot masks. There’s even an adapter to let you use many standard Broncolor reflectors, so the Picolite can integrate easily into an existing studio.

**FEATURES**
- Smallest Broncolor head ever - just 7.9” long and 3.2” across
- 150W modeling lamp
- 1600w/s capacity
- Fan-cooled
- Integrated reflector 130° coverage
- Compatible with most lightweight accessories with optional pulso adapter

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snoot Attachment</td>
<td>120472</td>
<td>373.95</td>
</tr>
<tr>
<td>4-Wing Barndoors</td>
<td>120471</td>
<td>254.95</td>
</tr>
<tr>
<td>Fresnel Spot Attachment</td>
<td>123033</td>
<td>1509.95</td>
</tr>
<tr>
<td>Projection Attachment</td>
<td>120474</td>
<td>853.50</td>
</tr>
<tr>
<td>Twin Articulated Arm</td>
<td>163016</td>
<td>144.95</td>
</tr>
<tr>
<td>Clamp</td>
<td>123019</td>
<td>79.95</td>
</tr>
<tr>
<td>Pulso Adapter</td>
<td>121007</td>
<td>213.50</td>
</tr>
<tr>
<td>Balloon Lamp</td>
<td>120099</td>
<td>765.95</td>
</tr>
</tbody>
</table>

**SUNLITE SET**

The Sunlite Set is a point light source with integral barn doors, adaptable to any Pulso lamphead. When directed at the subject, the narrow, horseshoe-shaped flash-tube presents a small, point light source for hard, direct light. The barn doors allow to control the extent of spill from the sides of the tube, and therefore the shadow depth. When used as a main light, it emphasizes details and evenly lights large areas. Includes 3200 w/s flash tube, special barn doors, mat and clear UV domes.

- 3200 w/s flashtube, special barn doors, mat and clear UV domes.
- 20” diameter Plexiglas dome diffuses light similar to a street lamp; even 360° illumination
- Creates highlights that are round and slightly burned out, ideal for interiors and portraits
- Lightweight material makes it great for location shooting where broad illumination or fill-in light is needed

**BALLOON LAMP**

- Compatible with the full line of Primo and Pulso lambases, as well as entire range of Minipuls compact units
- 20” diameter Plexiglas dome diffuses light similar to a street lamp; even 360° illumination
- Creates highlights that are round and slightly burned out, ideal for interiors and portraits
- Lightweight material makes it great for location shooting where broad illumination or fill-in light is needed

**PICOLITE**

Picolite (121208)
Item # BRPL .................. 649.50

**SUNLITE SET**

Sunlite Set (120150)
Item # BRSLSPF ............... 988.95

**BALLOON LAMP**

Balloon Lamp (120099)
Item # BRLBQ .................. 765.95
**REFLECTORS & ACCESSORIES**

### REFLECTORS

- **P45 Narrow Angle Reflector** (120045)
  - For Primo & Pulso heads.
  - 45° angle, f/stop 128, 11.5" dia. x 14" depth.
  - Item # BRRP45 ...............398.50

- **P50 Reflector** (120050)
  - For Pulso heads.
  - 50° angle, f/stop 128, 13.5" dia. x 15.5" depth.
  - Item # BRRP50 ...............584.95

- **P65 Reflector** (120065)
  - For Pulsos.
  - 65° angle, f/stop 128, 11" dia. x 9.5" depth.
  - Item # BRRP65 ...............257.50

- **P120 Wide Angle Reflector** (120120)
  - For Primo & Pulso heads.
  - 120° angle, f/stop 45, 8.5" dia. x 1.7" depth.
  - Item # BRRP120 ...............114.95

- **P70 Reflector** (120070)
  - For Primo & Pulso heads.
  - 70° angle, f/stop 90, 9" dia. x 7.5" depth.
  - Item # BRRP70 ...............204.95

- **P-Travel Reflector** (120055)
  - For Primo & Pulso heads.
  - 55° angle, f/stop 64, 7.5" dia. x 3.5" depth.
  - Item # BRRPT ...............109.95

- **Softlight Reflector** (120080)
  - For Primo & Pulso heads.
  - f/stop 45, 20" dia. x 7" depth.
  - Item # BRRSLP ...............389.95

- **Umbrella Reflector** (120041)
  - For Pulso heads.
  - Item # BRURM ...............159.95

- **Conic Snoot** (120073)
  - For Primo & Pulso heads.
  - 20° angle, 3" dia. x 10" depth.
  - Item # BRSPQ ...............183.95

### REFLECTOR ACCESSORIES

- **Color Filters** (120370)
  - For P70 reflector. Set of 12.
  - Item # BRFCP70BD ............129.95

- **Gray Filters** (120373)
  - For P70 reflector. Set of 12.
  - Item # BRFGP70BD ............144.95

- **Opal Diffusers** (120371)
  - For P70 reflector. Set of 12.
  - Item # BRODP70BD ............69.95

- **Diffuser** (120380)
  - For Softlight reflector.
  - Item # BRSPQ ...............183.95

- **Honeycomb Grid** (120180)
  - For Softlight Reflector.
  - Item # BRGSLR ...............199.95

- **Umbrella Bracket New Style** (120281)
  - For P70 reflector.
  - Item # BRBU ...............26.95

- **Umbrella Bracket Older Style** (120273)
  - For P70 reflector.
  - Item # BRBUP70 ............96.95

- **40° Silver Umbrella** (120209)
  - Item # BRU40S .............237.50

- **40° Transparent Umbrella** (120208)
  - Item # BRU40T .............199.95

- **40° White Umbrella** (120207)
  - Item # BRU40W .............199.95

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**Image Descriptions:**

- P45, P50, P65, P120, P70, P-Travel, Softlight, P Travel, Conic, Umbrella, P45 Narrow Angle, P50, P65, P120 Wide Angle, P70, P-Travel, Reflectors.
- Color Filters, Gray Filters, Opal Diffusers, Diffuser, Honeycomb Grids.
- 4-Wing Barndoors, 2-Wing Barndoors, Umbrella Bracket, Filters, Honeycomb Grids, 40° Silver, 40° Transparent, 40° White Umbrellas.
SPOT & SATELLITE REFLECTORS

PULSO FLOOTER “S”
The Flooter provides “artificial natural light”, ideal for large sets such as cars and furniture, or fashion when used with the honeycomb. It is a broad light source which evokes fifties-style film lighting. Its effect is comparable to a theatrical fresnel spot. The Flooter can be used with any Pulso, Primo or HMI 575 lampbase. The Fresnel lens has an active diameter of 340mm for extremely efficient light output, and is adjustable from 15-70°.

- Output: f/128 at 6½’ (ISO 100, 3200ws)
- Weight: 24 lbs. (10.9kg)

Pulso Flooter “S” (123135)
Item # BRPFSS ...................................................... 2499.95

Barndoor Set (123036)
Item # BRBDPFS .................................................. 284.95

Honeycomb for Flooter (123037)
Item # BRHPFSS ................................................... 214.95

FRESNEL SPOT ATTACHMENT
This focusing Fresnel spot attaches to any Pulso 2/4, Primo, Minipuls or Compuls head. The Fresnel lens has a diameter of 6.3” (160mm) and focuses from 15 to 35°. The focal length is 250mm and the unit attaches via the standard bayonet mount. The lighting effect produced is similar to the Mole Richardson continuous spot-light. An additional advantage of the Fresnel Spot Attachment is that it’s lightweight enough to be used easily with the Minipuls and Compuls self-contained units.

- Output: f/64 at 6½’ (ISO 100, 3200ws 15°)

Fresnel Spot Attachment (123033)
Item # BRFSAS ...................................................... 1509.95

SATellite REFLECTORS
The original Satellite reflector gives you an extremely powerful, hard light with nice open shadows. It’s great for simulating sunlight or lighting fabrics, and its output of f180-2/3 lets you light from a distance. The highly concentrated beam of light put out by the Satellite spreads out very little, putting all your light just where you want it. The Satellite Soft has the same 35” diameter as the original Satellite. But instead of concentrating light, it provides a soft, diffused light with a center hot spot to kick up contrast. It’s great for lighting people, and even gives you nice round catchlights in the subjects eyes.

Satellite Reflector (120095)
The original, polished aluminum, ultra-high intensity Satellite reflector. The updated design features a hard plastic shell on the back of the reflector to prevent accidental dents and dings. Compatible with the Pulso F2 and F4 lampheads, HM1 575 and Mobilite/Picolite (with adapter). Includes special reflector and mat protection dome.

- Output: f/180@ 6½’, ISO 100, 3200ws
- Output: f/16@ 100’, ISO 100, 3200ws

Satellite Reflector (120095)
Item # BRFRS ...................................................... 2239.95

Satellite Soft (120096)
The same 35” parabolic dish as the original Satellite, but white-coated, with a front plexiglass diffuser, and designed so the head shoots through the reflector instead of into it. Compatible with any Pulso or Primo lamphead, plus the Minipuls C40 and C80 self-contained units. Not recommended for the Minipuls 200 due to weight constraints.

- Output: f/45½@ 6½’, ISO 100, 3200ws

Satellite Soft (120096)
Item # BRFRSS ................................................... 2199.95
**Pulsoflex EM**

- New projecting rim extends beyond the face of the diffuser for excellent color saturation, shadow definition and falloff control.
- Hollow outer seams for support rods allow the softbox to be collapsed without removing the rods or the diffuser.
- Compatible with all Broncolor Pulso and Primo lampheads, Minipuls, Compuls and the HMI 575 (80 cm and above).
- High-efficiency silver interior.
- Includes travel bag.
- New expanded line of accessories including barndoors, honeycombs and louvers to give you an even wider selection of effects and light quality.
- Adapter ring sold separately, so you can use one ring for multiple boxes.

**Pulsoflex EM 20” x 20” (50x50cm)**
- Item # BRPEM2020 ........................................ 469.95

**Pulsoflex EM 31.5” x 31.5” (80x80cm)**
- Item # BRPEM3232 ........................................ 574.95

**Pulsoflex EM 43” x 43” (110x110cm)**
- Item # BRPEM4343 ........................................ 954.95

**Pulsoflex EM 14” x 23.5” (35x60cm)**
- Item # BRPEM1424 ........................................ 469.95

**Pulsoflex EM 21.5” x 37.5” (55x95cm)**
- Item # BRPEM2238 ........................................ 569.95

**Pulsoflex EM 31.5” x 55” (80x140cm)**
- Item # BRPEM3255 ........................................ 799.95

**Pulsoflex EM 12” x 43” (30x110cm)**
- Item # BRPEM1243 ........................................ 609.95

**Pulsoflex EM 16” x 61” (40x155cm)**
- Item # BRPEM1661 ........................................ 709.95

**Pulsoflex C**

- Same Broncolor quality, new low price.
- Simple construction assembles and disassembles quickly.
- Compatible with all current Broncolor strobe heads (70x70 and 35x120 need fan cooled heads) and compact units.
- Adapter ring sold separately, so you can use one ring for multiple boxes.

**Pulsoflex C 14” x 47” (35x120cm)**
- Item # BRPC1448 ........................................ 312.50

**Pulsoflex C 23.5” x 39.5” (60x100cm)**
- Item # BRPC2440 ........................................ 334.50

**Pulsoflex C 27.5” x 27.5” (70x70cm)**
- Item # BRPC2828 ........................................ 285.95

**Pulsoflex C 31.5” x 55” (80x140cm)**
- Item # BRPC3255 ........................................ 523.50

**Pulsoflex C 39.5” x 39.5” (100x100cm)**
- Item # BRPC 4040 ........................................ 699.50

**Pulsoflex C 59” x 59” (150x150cm)**
- Item # BRPC6060 ........................................ 799.95

**Pulsoflex Accessories**

- Adapter Ring
  - for Pulsoflex EM/C (129100)
  - Without integrated reflector.
  - Item # BRARPC ........................................... 123.95

- Adapter Ring
  - for Pulsoflex EM/C (143580)
  - With integrated reflector.
  - Item # BRARPCQ ........................................... 197.95

- Textile Grid Lighttools
  - for Pulsoflex EM 80x80 (120865)
  - Light angle = 40°.
  - Item # BRFGPEM ........................................... 479.50

- Set of Barndoors
  - for EM 32” x 32” (120783)
  - Item # BRBDPEM3232 .................................... 224.95

- Bag for Pulsoflex (120745)
  - Item # BRBP ............................................. 12.95

- Honeycomb Grid
  - for EM 32” x 32” (120781)
  - Item # BRDPEM3232 .................................... 484.95

- Louvers Set
  - for EM 32” x 32” (120780)
  - Item # BRLSPEM3232 .................................... 554.95
The Hazylight 2 and Hazylight Soft reflectors are designed to produce “wrap around” lighting over a 20° field. The large 40” x 40” (102x102cm) parabolic reflectors reduce light scatter and give you precise, even gradation. The Hazylight 2 yields higher illumination and color saturation than an equally powered multi-head banklight. The Hazylight 2 is highly recommended for advertising, fashion, and still-life photography. The Hazylight Soft gives you a softer light with no hot spot. Highlights in reflective objects such as glass and metal appear flawlessly even.

HAZYLIGHT 2
- Excellent contrast & brilliant color saturation
- Precise 20° falloff lets you place gradations exactly where needed
- Brings out texture in surfaces like cloth, leather and food
- Rotation ring allows you to easily maneuver the light
- Requires Hazy lampbase
- Weight: 34 lbs. (15.4kg)
- Dimensions: 40 x 40 x 17” (104x104x43cm)

Hazylight 2 (120390)
Item # BRHL2 ............... 4306.95

3200ws Pulso-Hazy 4 (120027)
Required for Hazy2 and older style Hazylights. Includes flashtube, modeling lamp, protection dome & glass counter reflector.
Item # BRPHL4 ........... 1567.50

HAZYLIGHT SOFT
- Perfectly even, softer lighting edge-to-edge due to the white interior and graduated counter-reflector
- Flawless reflected highlights with no hot spot
- Rotation ring for easy mobility
- Uses any Pulso or HMI 575 head
- Durable plexiglass diffuser
- Requires counter reflector
- Weight: 37 lbs. (16.9kg)
- Dimensions: 40 x 40 x 17” (104x104x43cm)

Hazylight Soft (120392)
Item # BRHLS .......... 4306.95

MINI HAZYLIGHT
- The Mini-Hazylight gives you most of the same advantages as the larger Hazy-lights. At about 1/4 the surface area and a fraction of the weight, it is ideal for smaller product work, or situations where you need that unique Hazylight quality on a location shoot.
- Output: f45 at 6½’ (3200ws, 100 ISO).
- Uses standard lampbases.
- Weight: 12 lbs. (5.3kg)
- Dimensions: 24” x 24” (60x60cm)

Mini-Hazylight (120460)
Item # BRMHL ............ 1664.95

MINI CUMULITE
- A smaller version of the Cumulite, provides even lighting, has a graduated glass counter and a rotating ring.
- White interior coating and rigid plexiglass diffuser
- Uses a single standard Pulso, Primo or HMI lampbase
- Graduated glass counter reflector guarantees even lighting
- Rotating ring which gives the reflector a full range of self-arresting movements
- Weight: 35 lbs. (16kg)
- Dimensions: 47 x 31 x 18” (120x80x45cm)

Mini-Cumulite (122014)
Item # BRMCL301 ........ 4569.50

MEGAFLEX
Two new softboxes measuring 4’ x 6½’ (1.2x2m) and 4’ x 10’ (1.2m x 3m). Each Megaflex takes 2 Pulso, Primo or HMI lampheads and features an optional second diffuser.

Megaflex 200 (120520)
4’ x 6½’ (1.2x2m).
Item # BRM200 .......... 3834.50

Megaflex 300 (120521)
4’ x 10’ (1.2x3m).
Item # BRM300 .......... 4384.95
Provides even, edge-to-edge illumination, a smooth gradation or a central hot spot for all lighting applications.

- Glass counter-reflector, white interior coating and plexiglass diffuser ensure perfectly even light, making it the natural choice when you’re working with reflective objects.
- The hard plexiglass diffuser won’t show surface wrinkles in reflective highlights the way fabric diffusers can.
- Equipped to handle two standard Pulso or HMI 575 heads.
- Honeycomb grid available to increase contrast & saturation.

Add a third, central lampbase for even more flexibility. The third head produces a hot spot in the center of the reflected illumination if desired. Focusing lampbases control the size and relative intensity of the spot.

- With Grafit or Opus packs and a motorized rail system, all pack functions and mechanical movements can be controlled with the Servor 3 infrared transmitter.
- Supplied with plexiglass diffuser, 2 glass counter-reflector and cover for opening.
- Weight: 64 lbs. (29kg).
- Dimensions: 79” x 48” (2x1.2m).

### CUMULITE 2

**Item # BRCL2**

6699.50

### ACCESSORIES FOR AREA LAMPS

**Counter Reflector (122015)**

For Hazylight-Soft with Pulso 2/4 or Primo lamphead. Item # BRCRHS..............374.95

**2-Wing Barndoors (120469)**

For all Hazylights and Mini-Cumulite. Item # BRBDMHL ...........416.50

**Honeycomb Grid (120468)**

For Mini-H Hazylight. Item # BRCGML ..........564.50

**Honeycomb Grid (120393)**

For Hazylight 2/H Hazylight-Soft. Item # BRGH2L ...........1024.95

**Hazy Diffusion Foils with Frame and Tape (153016)**

Item # BRDFTHL ................603.95

**Diffuser Foils w/ Tape (153008)**

Item # BRDTFTHL .............174.95

**Counterweight f/301 Stand (131006)**

Item # BRCW301 .............389.95

**Honeycomb Grids for Hazylights & Mini-Cumulite**

The new Broncolor Para 220 and Para 330 ultra-large umbrellas are 7’4” and 11’ respectively. These giant umbrellas are part of the current trend in fashion, people and glamour photography but are also successfully used in general commercial photography. The new Para umbrellas are perfect for both the studio and location work, providing a brilliant light that envelops the subject in a cloud of light, yet maintaining wonderfully textured detail. A unique benefit of the Para umbrellas is that the lampbase can be very precisely focused within the umbrella, thus giving the photographer the ability to select anything from a hard, directed light to an extremely soft effect. Its parabolic shape ensures that light fall-off toward the edges is negligible. A uniquely designed rotary system holds the umbrella open and is also used for focusing. Para 200 and 330 umbrellas can be used with the new Broncolor Pulso G lampbase. An upgrade kit is required for use with earlier (Pulso F generation) lampbases. Diffusers of varying densities are also available. Choose from an almost transparent guaze (Diffuser 1), that only very slightly diffuses the light, all the way to a dense diffuser (Diffuser 3). Combined with the focusing capability, the result is an almost unlimited range of opportunities to vary light and control it precisely.

### FEATURES

- **Innovative Design:** Allowing for just one person to easily set up a Para 330 in a studio setting.
- **Mobility:** They cannot only be folded up like a regular rain umbrella, but also collapsed to a shorter length for transport and storage just like a pocket umbrella.
- **Stability:** To ensure stability even in difficult conditions, the Para has loops that allow it to be fastened to the ceiling or, in outdoor situations, secured with stakes.

### PARA UMBRELLAS

**Para 220**

- Diameter: 7’4” (2.3m)
- Item # BRP220 ...........3574.95

**Para 330**

- Diameter: 11’ (3.4m)
- Item # BRP330 ...........5799.95

### ACCESSORIES

**Diffuser 1 for Para 220**

Item # BRD1P220 ...........864.50

**Diffuser 3 for Para 220**

Item # BRD3P220 ...........864.50

**Diffuser 1 for Para 330**

Item # BRD1P330 ...........1249.95

**Diffuser 3 for Para 330**

Item # BRD3P330 ...........1249.95

**Diffuser 2 for Para 220**

Item # BRD2P220 ...........864.50

**Diffuser 2 for Para 330**

Item # BRD2P330 ...........1249.95

**XXL AC Stand**

Item # BRLSXXL ...........719.95

**Travel Bag**

Item # BRBP220 ...........864.50

**Travel Bag**

Item # BRBP330 ...........864.50

**Counterweight f/301 Stand**

Item # BRP220 ...........864.50

**Counterweight f/301 Stand**

Item # BRP330 ...........864.50

For Any Inquiries Regarding Your Order, Call Our Customer Service:

(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
RING FLASH

The new Broncolor Ringflash is a circular 3200ws head designed to let you shoot through its center. Depending on the distance from the subject, the Ringflash can produce perfectly shadowless lighting or the unique cross-shadow effect popular in today’s fashion work. Its universal camera mount and 4” center opening make the Ringflash adaptable to virtually any camera and lens combination. It is compatible with any Broncolor pack up to 3200ws. Please note that the Ringflash should not fire more than a total of 9600ws per minute (about 48 pops on a Grafit A2 at low power.)

**Ringflash** (122030)
Item # BRRF..................1744.95

**Soft Reflector for Ringflash** (122035)
Counter-reflector creates a broader, softer indirect light from the Ringflash.
Item # BRRSRF.............457.50

**Macro Reflector for Ringflash** (120336)
Concentrates light for photography at macro distances.
Item # BRRMRF.............457.50

FIBRO LITE

The Fibrolite fiber optic system allows you to place 3200Ws of power more precisely than you ever thought possible. Four fiber-optic cables give you complete freedom to light jewelry, small objects or details of larger subjects.

**Fibrolite** (123006)
Item # BRFL..................2597.50

**Gray Filters** (123012)
Item # BRFGFL..............69.95

**Clamp (Arm to Table)** (123019)
Item # BRCATFL...........79.95

**Color Filters** (123011)
Item # BRFCLF.............69.95

**Filter Holder** (123010)
Item # BRFHLF.............44.95

**Iron Base for Arm** (123020)
Item # BRIBFL.............89.95

**Focusing Lens** (123016)
Item # BRMLFL.............19.95

**Articulated Arm** (123018)
Item # BRAAFL.............104.95

**Flashtube for Fibrolite** (150005)
Item # BRTFTL.............491.95

**Iron Base for Arm** (123020)
Item # BRIBFL.............89.95

**Focusing Lens** (123016)
Item # BRMLFL.............19.95

**Articulated Arm** (123018)
Item # BRAAFL.............104.95

**Iron Base for Arm** (123020)
Item # BRIBFL.............89.95

**Focusing Lens** (123016)
Item # BRMLFL.............19.95

**Articulated Arm** (123018)
Item # BRAAFL.............104.95

**Fibrolite Accessory Kit** (123008)
Kit Includes:
- 2- 40” Fiber Optic Cables
- 2- Focusing Lenses
- 2- Articulated arms
- 2- Table Clamps
- 2- Filter Holders
- 1- Color Filter 1- Grey Filter
Item # BRFAK.............1713.95

ACCESSORIES FOR FIBRO LITE

40” Fiber Optic Cable (123014)
Item # BRFOC40.............368.50

60” Fiber Optic Cable (123013)
Item # BRFOC60.............474.95

80” Fiber Optic Cable (123017)
Item # BRFOC80.............549.95

75W Modeling Lamp (152012)
Item # BRMLFL.............19.95

Articulated Arm (123018)
Item # BRAAFL.............104.95

RINGFLASH SOFT REFLECTOR MACRO REFLECTOR FIBRO LITE ACCESSORY KIT ATTACHMENTS ANGLE ADJUSTABLE ARM FOR RINGFLASH TEXTURED FOCUS LENSES PAPER BACKS REAR REFLECTORS FIBRO LITE ACCESSORY KIT NECKLACE STYLUS B H PHOTOVISUAL PRO AUDIO ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008 1-800-947-9941 • www.bhphotovideo.com 27
Litestick
Introducing the all new Broncolor Litestick. As the name implies, this is a rod-shaped special lamp with a flash tube that is about 12˝ long. The new Litestick has many possible applications. Conceal it in objects or vehicles, or use it as an effect light for edges and narrow openings. Use multiple Litesticks, arranged in a square or triangle as a large ring flash, and create gorgeous light for fashion, glamour and portrait photography. The Broncolor Litestick is an ideal addition to every creative photographer’s “bag of tricks”. The Broncolor name guarantees reliability and safety even in outdoor use. The Litestick’s flash tube is color-corrected to 5500°K and can handle up to 3200Ws. A reflector, aligned parallel with the linear light source, increases and helps to direct the light output. A modeling light was omitted in order to minimize its size, although when used with a Grafit A, the flash tube can be strobed for use as a modeling light. The Litestick is enclosed in a transparent Makrolon (a high-tech polymer) housing and includes a powerful fan cooling system. The Litestick comes complete with flash tube, reflector and 11.6’ lamp cable.

Features
- Fan Cooled. Actually touch it while on!
- Compact and lightweight
- Indoor - Outdoor use

Specifications
- Weight: 2.7 lbs. (1.2kg)
- Dimensions: 28” L (71cm) 2.2” D (5.6cm)

Litestick
Broncolor Litestick (122028)
Item # BRLS .............. 1608.50

Profil 15/42
Profil 15/42 (123034)
The following spot “Profil 15/42” offers a very hard light and an infinitely adjustable light angle from 15° to 42° degrees. The light can be adjusted by the focusing device to sharp or unsharp. The aperture slide stage can be rotated through 360° and contains 4 masks which allow most shapes to be produced. The iris diaphragm which is supplied with the spot offers the projection possibility of a continuously adjustable circle of light with slight colour borders. Includes: Housing with lens system, focusing device, 16’ (5m) lamp cable, U-bracket holder, iris diaphragm, color filter holder, flash tube and modelling lamp.

Item # BRP1542TS ........... 4738.95

Boxlite 40
Boxlite 40 (122025)
Ideal for close-range lighting, jewelry photography and transparency duplication. A 12”x 16” (30x41cm) light with 2 flash tubes, 4 modeling lights and quick change head.

- Output: 1600ws capacity
- f2.2 at 6 6/6’, 1600ws, 100 ISO
- 145/6° at 2’, 1600ws, 100 ISO
- Sealed front is spillproof
- Place and control reflected highlights on your subjects.
- Even lighting edge to edge
- Can be stacked together for seamless light source.

Item # BRBL40 .............. 2214.95

Pulsospot 4
Pulsospot 4 (123022)
- 3200ws hard edge spot projector
- Optical attachment lenses available for projecting masks or transparencies
- Excellent for applications where direct light with strong gradation is required
- Use to bring out contrast and texture in objects, or to enhance areas with tightly controlled lighting
- Fresnel lens has 5300K UV coating
- Use with any 110V Pulso, Opus or Primo power pack
- Includes (15-1022) flashtube & (15-2001) modeling light
- Output: f90 @ 6 6/6’ (3200ws, 15°) f64 @ 6 6/6’ (3200ws, 45°)
- Weight: 19 lbs. (8.6kg)

Item # BRPS4 .............. 441/2 at 6 6/6’)

Attachment Lens
Attachment Lens 100mm (123024)
Projects a larger circle than the 150mm attachment lens (7 to 44° at 6°). Can project transparencies for rear or top projection with slide holders.

Item # BRL150PS4 ........... 2284.95

Attachment Lens 100mm (123025)
Projects a larger circle than the 150mm attachment lens (7 to 44° at 6°).

Item # BRL100PS4 ........... 2209.95

Equipment Leasing Available
These diffused, wide area lampheads measure 4.5" x 23", (11x58cm) & 4.5" x 44" (11x112cm) respectively. The Lightbar 60 is rated at 3200 ws, while the 120 is a 2 x 3200 ws bi-tube design. Both are fan cooled. The Lightbar is intended for large area lighting such as backgrounds, architectural and automotive subjects. “Evolution” uses halogen modeling lamps for brighter illumination.

Lightbar 60 Evolution (125351) 4.5" x 23" (11x58cm).
Item # BRLB60 ............ 2126.95

Lightbar 120 Evolution (125353) 4.5" x 44" (11x112cm).
Item # BRLB120 .......... 3924.50

This combination of the Lightbar and the Strip adapter creates a unit similar in function to the old Broncolor Striplight. The Striplight is flat-surfaced and more directional than the Lightbar.

Striplight 60 Evolution (125355) 4.5" x 23" (11x58cm).
Item # BRSL60 ............ 2126.95

Striplight 120 Evolution (125357) 4.5" x 23" (11x112cm).
Item # BRSL120 .......... 3924.50

This combination of the Lightbar and the Strip adapter creates a unit similar in function to the old Broncolor Striplight. The Striplight is flat-surfaced and more directional than the Lightbar.

Barn Doors
Double-hinged barn doors give you additional control over the Lightbar’s falloff.

Barndoor for Lightbar 60 (125370)
Item # BRBDLS60 .......... 549.95

Barndoor for Lightbar 120 (125371)
Item # BRBDLS120 ......... 604.95

Transparent Plexi Cap
Use in place of the diffused cap supplied with the Lightbar.

Transparent Plexi Cap for Lightbar 60 (125360)
Item # BRTPCBL60 ........ 184.95

Transparent Plexi Cap for Lightbar 120 (125361)
Item # BRTPCBL120 ....... 237.50

Mat Plexi Cap
Converts a Striplight 60 or 120 into a Lightbar. Also used as a replacement cap.

Mat Plexi Cap 60 (125362)
Item # BRMPCBL60 ........ 184.95

Mat Plexi Cap 120 (125363)
Item # BRMPCBL120 ...... 237.50

Strip Adapter
The Strip adapter converts the Lightbar into a Striplight.

Strip Adapter 60 (125364)
Item # BRSLALB60 ...... 189.95

Strip Adapter 120 (125365)
Item # BRSLALB120 ...... 274.95

Honeycomb Grids
Further increases the directional effect of the Striplight or Strip adapter.

Honeycomb Grid for S60 Adapter (125375)
Item # BRGSL60A ...... 204.95

Honeycomb Grid for S120 Adapter (125376)
Item # BRGSL120A ...... 269.95
## Flashtubes for Lampbases

<table>
<thead>
<tr>
<th>Flashtube</th>
<th>Lampbase</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1600ws Flashtube (151018)</td>
<td>UV coated - for Primo.</td>
<td>Item # BRFTUV</td>
<td>359.95</td>
</tr>
<tr>
<td>1600ws Flashtube (150002)</td>
<td>UV coated - for Pulso 2, Pulso 2 Hazy, Flashman and Compuls.</td>
<td>Item # BRFTUVCP</td>
<td>505.95</td>
</tr>
<tr>
<td>1600ws Flashtube (151012)</td>
<td>UV-s coated - for Pulso 2, Pulso 2 Hazy, Flashman and Compuls.</td>
<td>Item # BRFTUVFMQ</td>
<td>499.95</td>
</tr>
<tr>
<td>3200ws Flashtube (150004)</td>
<td>UV-s coated - for Pulso 4 and Pulso Hazy.</td>
<td>Item # BRFTUVP</td>
<td>744.95</td>
</tr>
<tr>
<td>3200ws Flashtube (151118)</td>
<td>UV-s coated - for Primo 0.4</td>
<td>Item # BRFTPQ</td>
<td>544.95</td>
</tr>
<tr>
<td>6400ws Flashtube (151005)</td>
<td>UV coated - for Pulso 8/606/Pulso 8-Hazy.</td>
<td>Item # BRFTUVP</td>
<td>1619.95</td>
</tr>
</tbody>
</table>

## Flashtubes for Twin Lampbases

<table>
<thead>
<tr>
<th>Flashtube</th>
<th>Lampbase</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 3200ws Flashtube (150017)</td>
<td>UV-s coated - for Pulso Twin 4.</td>
<td>Item # BRFTP T4</td>
<td>1284.95</td>
</tr>
<tr>
<td>2 x 3200ws Flashtube (150012)</td>
<td>UV coated - for Pulso Twin 4.</td>
<td>Item # BRFTUVPT</td>
<td>1329.95</td>
</tr>
</tbody>
</table>

## Flashtubes for Older Style Heads

<table>
<thead>
<tr>
<th>Flashtube</th>
<th>Lampbase</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>950ws Flashtube (151010)</td>
<td>UV coated - for Universal/Flashman.</td>
<td>Item # BRFTUVFM</td>
<td>1038.95</td>
</tr>
<tr>
<td>1600ws Flashtube (151008)</td>
<td>UV coated - for Spot Projector (old style).</td>
<td>Item # BRFTUVSP</td>
<td>1329.95</td>
</tr>
<tr>
<td>1600ws Flashtube (151009)</td>
<td>UV coated - for Combflex.</td>
<td>Item # BRFTUVCF</td>
<td>1038.95</td>
</tr>
</tbody>
</table>

## Flashtubes for Specialized Lighting Units

<table>
<thead>
<tr>
<th>Flashtube</th>
<th>Lampbase</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>800ws Flashtube (151015)</td>
<td>UV coated for Boxlite-Large (2x).</td>
<td>Item # BRFTUVBLL</td>
<td>179.50</td>
</tr>
<tr>
<td>800ws Flashtube (151020)</td>
<td>Uncoated for Boxlite-Large (2x).</td>
<td>Item # BRFTBLL</td>
<td>228.95</td>
</tr>
<tr>
<td>950ws Flashtube (151006)</td>
<td>UV coated - for Effect Light.</td>
<td>Item # BRFTUVEL</td>
<td>244.95</td>
</tr>
</tbody>
</table>

## Strobe Lighting

- **Flashtubes for Specialized Lighting Units**

## Modeling Lamps

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>40w Modeling Lamp (152007)</td>
<td>For Boxlite.</td>
<td>Item # BRMLBL</td>
</tr>
<tr>
<td>50w Modeling Lamp (152030)</td>
<td>For M obilite.</td>
<td>Item # BRMLML</td>
</tr>
<tr>
<td>60w Modeling Lamp (152008)</td>
<td>For Striplight.</td>
<td>Item # BRMLSL</td>
</tr>
<tr>
<td>75w Modeling Lamp (152012)</td>
<td>For Fibrolite.</td>
<td>Item # BRMLFL</td>
</tr>
<tr>
<td>150w Modeling Lamp (152020)</td>
<td>For Picolite.</td>
<td>Item # BRMLPL</td>
</tr>
<tr>
<td>250w/220v Modeling Lamp (152006)</td>
<td>For Cumulite.</td>
<td>Item # BRMLCX</td>
</tr>
<tr>
<td>300w/220v Modeling Lamp (152004)</td>
<td>For Pulso 8/606.</td>
<td>Item # BRMLPBX</td>
</tr>
<tr>
<td>500w/220v Modeling Lamp (152011)</td>
<td>For Primo.</td>
<td>Item # BRMLPX</td>
</tr>
<tr>
<td>650w/240v Modeling Lamp (152005)</td>
<td>For Pulso 8/606.</td>
<td>Item # BRMLPBX</td>
</tr>
<tr>
<td>300w/220v Modeling Lamp (152004)</td>
<td>For Pulso 8/606.</td>
<td>Item # BRMLPBX</td>
</tr>
</tbody>
</table>
### Protection Glass and Domes

**Protection Glass (150081)**
For older M inips.
Item # BRFTCM ........... 69.95

**Mat Protection Glass (150082)**
For older M inips.
Item # BRFTCM M .......... 174.95

**UV Protection Glass (150029)**
For Pulso G4.
Item # BRFTCUPG4 ....... 159.95

**Protection Glass (150023)**
Uncoated, for Mobilite/Picolite.
Item # BRFTPPL ........... 19.95
Item # BRFTPM L .......... 19.95

**UV-s Protection Glass (150126)**
For Pulso 4 and Primo 4.
Item # BRFTCUVSP4 ....... 133.50

**Mat Protection Glass (150128)**
UV-s coated - for Pulso-Hazy.
Item # BRFTCUVSMPH ... 136.50

**Mat Protection Glass (150028)**
UV coated - for Pulso-Hazy. Required when using optical spot attachment or Satellite reflector with uncoated flash-tubes.
Item # BRFTCUVMPH ....... 166.95

**Mat Protection Glass (150028)**
Uncoated - for Pulso-Hazy. Required when using optical spot attachments and UV coated flash-tubes.
Item # BRFTPM HL ........ 142.50

### Fuses — Packages of 10

<table>
<thead>
<tr>
<th>Fuse Type</th>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.15 AF Fuse</td>
<td>(155011) For Pulso &amp; Primo Lampbase.</td>
<td>Item # BRFPLH</td>
<td>48.95</td>
</tr>
<tr>
<td>3.15 AF Fuse</td>
<td>(155014) For Picolite.</td>
<td>Item # BRFPL</td>
<td>48.95</td>
</tr>
<tr>
<td>5 AF Fuse</td>
<td>(155013) For Mobilite.</td>
<td>Item # BRFM L</td>
<td>44.95</td>
</tr>
<tr>
<td>6.3 AFF Fuse</td>
<td>(155007) For C70/C71 Universal Lamp.</td>
<td>Item # BRFC70LH</td>
<td>44.95</td>
</tr>
<tr>
<td>6.3 AFF Fuse</td>
<td>(155007)</td>
<td>Item # BRFULH</td>
<td>44.95</td>
</tr>
<tr>
<td>6.3 AFF Fuse</td>
<td>(155007)</td>
<td>Item # BRFC171LH</td>
<td>44.95</td>
</tr>
<tr>
<td>10 AFF Fuse</td>
<td>(155005) For 606 Lampbases.</td>
<td>Item # BRFMPP</td>
<td>29.95</td>
</tr>
<tr>
<td>10 AFF Fuse</td>
<td>(155005)</td>
<td>Item # BRF606LH</td>
<td>44.95</td>
</tr>
<tr>
<td>12.5 AT Fuse</td>
<td>(155009) For 1500 RT Power Pack.</td>
<td>Item # BRF1500RTPP</td>
<td>44.95</td>
</tr>
<tr>
<td>16 AF Fuse</td>
<td>(155006) For 200/260/606 Power Pack.</td>
<td>Item # BRF200PP</td>
<td>48.95</td>
</tr>
<tr>
<td>250 MAT Fuse</td>
<td>(155008) For 200 Power Pack.</td>
<td>Item # BRF200PP</td>
<td>48.95</td>
</tr>
<tr>
<td>250 MAT Fuse</td>
<td>(155008) For 260 Power Pack.</td>
<td>Item # BRF260PP</td>
<td>48.95</td>
</tr>
<tr>
<td>500 MAT Fuse</td>
<td>(155004) For Spot Projector.</td>
<td>Item # BRFSPLH</td>
<td>44.95</td>
</tr>
</tbody>
</table>

### Cases

<table>
<thead>
<tr>
<th>Case</th>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case (101120)</td>
<td>For ATA Flashman/Opus Primo.</td>
<td>Item # BRCP</td>
<td>424.95</td>
</tr>
<tr>
<td>Travel Bag (111250)</td>
<td>For Location Kit 2.</td>
<td>Item # BRCLK2</td>
<td>299.95</td>
</tr>
<tr>
<td>Travel Bag (111230)</td>
<td>For Location Kit 3.</td>
<td>Item # BRCLK3</td>
<td>313.95</td>
</tr>
<tr>
<td>Casters (101122)</td>
<td></td>
<td>Item # BRC</td>
<td>49.95</td>
</tr>
</tbody>
</table>

### Lighting Q&A

Is it a good idea to keep a gallery of recent portraits on display so I can discuss such things as lighting, style and composition with new clients?

Naturally. It goes without saying that you should keep a neat, attractively lit gallery of your best work. If there’s a local or national celebrity in your collection, keep his or her photo on the wall. Clients will be impressed that they are working with someone who photographed “so and so.” I prefer showing a gallery of my best work to showing a portfolio. For one thing, you can put more pictures up and they are more easily seen.
**CABLES AND CORDS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Cable 10' (3m) (154010) For Pulso.</td>
<td>BRPCP</td>
<td>24.95</td>
</tr>
<tr>
<td>Power Cable 10' (3m) (154010) For Flashman.</td>
<td>BRPCFM</td>
<td>24.95</td>
</tr>
<tr>
<td>Power Cable 10' (3m) (154010) For Opus.</td>
<td>BRPCO</td>
<td>24.95</td>
</tr>
<tr>
<td>Lamp Extension Cable 16' (4.9m) (154067)</td>
<td>BRECLH16</td>
<td>389.95</td>
</tr>
<tr>
<td>Lamp Extension Cable 32' (9.8m) (154008)</td>
<td>BRECLH32</td>
<td>494.95</td>
</tr>
<tr>
<td>Sync Cable Universal 16' (4.9m) (154001)</td>
<td>BRSC16</td>
<td>159.95</td>
</tr>
<tr>
<td>Sync Extension Mobilite 16' (4.9m) (154005)</td>
<td>BRSC16</td>
<td>358.95</td>
</tr>
</tbody>
</table>

**LIGHTSTANDS AND ACCESSORIES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Junior Stand (131002) 8.2' height, 2 height extensions. Air-cushioned.</td>
<td>BRLSJ</td>
<td>184.95</td>
</tr>
<tr>
<td>Senior Stand (131003) 9.2' height, 2 height extensions. Air-cushioned. A heavy-duty light stand.</td>
<td>BRLSS</td>
<td>284.95</td>
</tr>
<tr>
<td>Mini-Flamingo Stand (131020) Stand on casters with platform for power pack as counterweight, crank handle and cable suspension. Arm length 3.5' (1.07m) max. Height 8.5' (2.6m). Includes Broncolor threaded bolt, lamp adapter and angle adapter.</td>
<td>BRLSMF</td>
<td>1399.95</td>
</tr>
<tr>
<td>Flamingo Stand (131010) For use with the Hazy, Striplight, or Mini-Cumi. Light stays at same angle when raised and lowered. Max height 10.7' (3.2m), but fits under a 7' (2.1m) ceiling. Requires adapter (131011)</td>
<td>BRLSF</td>
<td>3124.50</td>
</tr>
<tr>
<td>Broncolor 301 Stand (131005) For use with Mini-Cumulite or Hazy light.</td>
<td>BRLSH301</td>
<td>4209.50</td>
</tr>
<tr>
<td>Pillar Stand 215 (130465) Max Height 7.2' (2.15m).</td>
<td>BRLSP215</td>
<td>1694.95</td>
</tr>
<tr>
<td>Bolt, Broncolor to 3/8'' (134005)</td>
<td>BRBB38</td>
<td>48.95</td>
</tr>
<tr>
<td>Bracket to Megalux (320107) Required to mount the Megalux bank to Broncolor 301 and Flamingo stands.</td>
<td>BFOB</td>
<td>1089.95</td>
</tr>
<tr>
<td>Super Boom (133002) Stand and boom arm with adapter to Pulso head, with 2 hand cranks, stand attachment, counter balance and casters.</td>
<td>BRSB</td>
<td>1074.95</td>
</tr>
<tr>
<td>Adapter, Pulso to Super Boom (133004)</td>
<td>BRBSAPSFB</td>
<td>134.95</td>
</tr>
<tr>
<td>Adapter, Primo/Pulso to Super Boom (133006)</td>
<td>BRAPSFB</td>
<td>134.95</td>
</tr>
</tbody>
</table>

**Items**

- Junior Stand
- Senior Stand
- Mini-Flamingo Stand
- Flamingo Stand
- Bolt, Broncolor to 3/8''
- Bracket to Megalux
- Super Boom
- Adapter, Pulso to Super Boom
- Adapter, Primo/Pulso to Super Boom
- Power Cable 10' (3m)
- Lamp Extension Cable
- Sync Cable Universal
- Sync Extension Mobilite
- Lamp Ext. Cables
- Sync Cable

**Cables and Cords**

- Power Cable 10' (3m)
- Lamp Extension Cables
- Sync Cable Universal
- Sync Extension Mobilite
- Power Cable 10' (3m)
- Power Cable 10' (3m)
- Power Cable 10' (3m)
- Lamp Extension Cables
- Sync Extension Mobilite

**Additional Information**

- www.bhphotovideo.com
### M500XL

The 500XL power pack is Dyna-Lite's smallest power pack and provides the ultimate in portability and affordability. It distributes 500 watt/seconds of total flash power with a five f-stop range and a variator to provide 1/3 stop fine-tuning.

---

### M1000ER

The M1000ER is an improved version of the popular M1000E. This unit has click stops that allow the fine-tuning of your basic power settings in 1/3 stop increments. When used together with the power control switches, it provides a total of 15 different power settings over a five-stop power range with a single flash head. The new 1000ER has an on-off switch for the audible beeper and will retain the 1 f-stop variator.

---

### M2000ER

Completely new! The M2000ER has been redesigned to match the functionality of the lower power units by eliminating the combine outlet on the back of the unit and replacing it with a ratio/comboined switch. There are three head outlets on the top panel with similar placement to the M500XL. One outlet on the “A” channel and two for the “B” channel. Also new is a deep drawn one-piece outer case, which is stronger than the three-piece design it replaces. Because of this new case the M2000ER will be 1/4" wider than the previous model. All other dimensions will be the same. Since this model is geared to the sport shooter the recycle time has been reduced from 2.1 seconds to 1.9 seconds. It produces a total of 18 different power settings over a six-stop power range with a single flash head.

---

### M500XL POWER PACK

- **Total Power:** 500 w/s
- **Power Range:** 5 Stops
- **Recycle Time:** 1.5 sec.
- **Power Consumption:** 7 amps
- **Flash Duration:** Full Power, 1 Head: 1/2500 sec. M.In. Power, 2 Heads: 1/4500 sec.
- **Weight:** 4.1 lbs. (1.86kg)
- **Dimensions:** 53⁄8 x 57⁄8 x 57⁄8˝ (143 x 149 x 149mm)

### M500XL Power Pack (M500XL)

Item # DYM500XL...........567.60

---

### M1000ER

- **Total Power:** 1000 w/s
- **Power Range:** 5 Stops
- **Recycle Time:** 1.5 sec.
- **Power Consumption:** 13 amps
- **Flash Duration:** Full Power, 1 Head: 1/600 sec. M.In. Power, 2 Heads: 1/2500 sec.
- **Weight:** 6.7 lbs. (3.04kg)
- **Dimensions:** 5¼ x 5¼ x 5¼˝ (143 x 149 x 149mm)

### M1000ER Power Pack (M1000ER)

Item # DYM1000ER...........787.60

---

### M2000ER

- **Total Power:** 2000 w/s
- **Power Range:** 6 Stops
- **Recycle Time:** 1.9 sec.
- **Power Consumption:** 18 amps
- **Flash Duration:** Full Power, 1 Head: 1/700 sec. M.In. Power, 2 Heads: 1/2500 sec.
- **Weight:** 12.8 lbs. (5.8kg)
- **Dimensions:** 7¼ x 9¼ x 9¼˝ (181 x 235 x 210mm)

### M2000ER Power Pack (M2000ER)

Item # DYM2000ER...........1403.60

---

### ER SERIES POWER PACKS

When you need power but fewer bells and whistles, the “ER” series is a great way to break into Dyna-Lite at rock-bottom cost. It’s also an excellent value to provide supplemental power for an existing Dyna-Lite system.
**DR SERIES POWER PACKS**

The ultimate in features and control. Features faster recycle times and a new 2 stop Variator providing a 6 f-stop range.

**FEATURES**

- Modeling light control provides dual proportional slide-switch dimmer controls, including full off, so that cooling fan can continue to run.
- Pro.Sync slave is built in and triggered by flash or two channels of IR. Switch between four modes: "Sync" for conventional sync cord or radio activation, "Slave" for actuation by any flash, "IR1" or "IR2" for use with DynaLite IRT-1 transmitter.
- Arc protected outlets allow plugging and unplugging flash head cables without shutting down the power pack.
- Two full/half/quarter power control switches provide seven basic power settings.
- Top mounted Ratio/Combine output switch to route power symmetrically or asymmetrically between "A" and "B" flash head outlet banks.
- Ready light switch serves as an open flash test switch and signals 100% flash readiness.
- Audible ready indicator provides 100% recycle indicator with its own on/off switch.
- 2-stop variator control with click stops allows fine-tuning your basic power settings in 1/3 stop increments.
- When used together with the power control switches, the variator provides a total of 18 different power settings over a 6-stop power range with a single flash head.
- The M2000DR has a new deep drawn outer case with cleaner circuit board design adding strength and reliability.

**SPECIFICATIONS**

**M500DR**

- Total Power: 500 w/s
- Power Range: 6 Stops
- Recycle Time: 0.9 sec.
- Power Consumption: 7 amps
- Weight: 5.8 lbs. (2.63kg)
- Dimensions: 5⅛ x 6⅛ x 6⅛” (149 x 175 x 162mm)

**M1000DR**

- Total Power: 1000 w/s
- Power Range: 6 Stops
- Recycle Time: 1.5 sec.
- Power Consumption: 13 amps
- Weight: 6.9 lbs. (3.14kg)
- Dimensions: 5⅛ x 6⅛ x 6⅛” (149 x 175 x 175mm)

**M2000DR**

- Total Power: 2000 w/s
- Power Range: 6 Stops
- Recycle Time: 1.9 sec.
- Power Consumption: 18 amps
- Weight: 12.9 lbs. (5.9kg)
- Dimensions: 7⅛ x 9¼ x 8¾” (181 x 235 x 210mm)
FLASH HEADS

Dyna-Lite flash heads are lightweight, compact and compatible with all Dyna-Lite power packs. They are constructed with U.V. color corrected flash tubes with virtually no color shift at different power settings. All heads are rated at 2000 watt/seconds for extra long life, except for the 1015 flash head which is rated at 1000 w/s. All the heads are fan cooled (except 1015) for longer productivity during extended flash sequences. The quartz modeling lights are 3200K color temperature and rated at 2000 hours. The 1015 head has a 150 watt lamp, and the 2040, 4040, and 4080 heads come with a 250 watt lamp positioned to produce illumination identical to the flash. All model lamps and tubes are user replaceable. Each head has a modeling light switch (except 1015) to provide you with the option of shooting with the model light on or off. Each head has a friction control handle. An angle adjustment handle is mounted on the rear of all but the 1015 heads. There is an integral rivetless mounting ring on all heads which permits quick secure installation. It also enables 360° rotation of most softboxes. The pig tail design power cable allows for easier head storage, and the locking ring prevents accidental cable disconnects. (Not available on 1015). All head cables incorporate an arc proof design. There is an epoxy powder coating on all flash heads making them easier to clean and prevents abuse. They are also compatible with some Lowel light controls. Each head mount has a 1/2˝ hole to accommodate all umbrellas and the stand mount is universal with 1/2˝ and 5/8˝ holes to fit all light stands. Greater light control can be achieved with optional reflectors, grids, snoots etc.

1015 Flash Head (1015)
The 1015 is a convection cooled, economical, minimum weight head with a 1000 w/s flash tube. It has a built in recessed reflector with 140° coverage and no hot spot for even light dispersion. The high reflectivity design provides for greater efficiency in softboxes and light panels. Other reflectors can be used if desired for different degrees of coverage.
Item # DY1015 ............ 201.50

2040 Flash Head (2040)
The 2040 head is a fan cooled head with a 2000w/s flash tube. It incorporates all the same construction and design features as the 1015 head.
Item # DY2040 ............ 377.95

4040 Flash Head (4040)
The 4040 head is a fan cooled, bare bulb, 2000 w/s studio flash head with a frosted glass dome for even light dispersion. It is designed for use with a variety of reflectors for total control of lighting effects. These heads dramatically increase the effectiveness when used in a softbox.
Item # DY4040 ............ 465.52

4080 Bi-Tube Flash Head (4080)
The 4080 head shares the same construction and design as the 4040 head, except it provides twice the light output and will dramatically shorten the flash duration by using the 4080 Bi-Tube. It has two pig tail cables allowing for connection to two power packs producing up to 4000 watt/seconds.
Item # DY4080 ............ 615.50

4080SP Bi-Tube Sports Flash Head (4080SP)
Similar to the 4080 flash head but specifically designed for sports arena lighting. This head features two custom 4´ power cables and a polished (40-SP40) 40° long throw reflector.
Item # DY4080SP ............ 615.50

NE-1 Bare Tube Pencil Light (NE1)
The new NE-1 flash head is a 1000w/s bare-bulb pencil-style flash tube that can produce glowing light from behind or inside objects. It can be used in more conventional ways as well. This great location tool is compact and light and can literally fit in your pocket. It will give you 360° light coverage as well as wide angle forward-going light. The NE-1 is less than 7½” long and comes with a 48” pigtail cable for easy packing and storage, a wide-angle reflector, an umbrella mount, and the base is threaded for 1/4-20 accessories. We suggest using the Lowel Tilter or the Bogen Mini Ball adapter for adjusting and affixing the unit to a light stand.
Item # DYNE1 .................. 178.95
**Reflectors and Accessories**

**Accessories for 1015 and 2040 Flash Heads**

- **10" Parabolic Reflector** (3301)
  - A 10" reflector with a 50° angle of coverage.
  - Item #DYR10 .................... 34.95

- **9" Parabolic Reflector** (3302)
  - A 9" wide angle reflector with an 80° angle of coverage.
  - Item #DYR9 .................... 34.95

- **Angle Reducing Ring** (3304)
  - Front end attachment used to reduce the angle of coverage.
  - Two can be combined for even greater reduction.
  - Item #DYS ...................... 30.95

- **7" Grid Set** (3308B)
  - A Black grid set consisting of 10, 20, 30 and 40° 7" grids.
  - Also used with 4040/4080 heads and Uni250R/Uni400JR monolights.
  - Item #DYGS7 .................. 132.95

- **Barn Door Set** (3308B)
  - Four-leaf barn door used for shaping and controlling the spill of light. Also accepts Lowel Omni accessories.
  - Item #DYBD ..................... 66.00

- **Accessory Frame** (3306A)
  - Adapts Lowel Omni accessories.
  - Item #DYAF ..................... 36.95

- **Grid Spot Holder** (3308B)
  - Front mounted attachment used to hold 7" grids 33-08B.
  - Item #DYGH ..................... 30.95

- **Snoot** (40SN7)
  - A 7" snoot used to create small circular ring of light and control light spill.
  - Fits on 40-GR7 & 33-08 and can be used with 4040/4080 and Uni250R and Uni400Jr monolights.
  - Item #DYSR7 .................. 112.95

- **10° Parabolic Reflector** (3301)
  - Item #DYR10 .................... 34.95

- **9° Parabolic Reflector** (3302)
  - Item #DYR9 .................... 34.95

- **Angle Reducing Ring** (3304)
  - Item #DYS ...................... 30.95

- **7" Grid Set** (3308B)
  - Item #DYGS7 .................. 132.95

**Accessories for 4040 and 4080 Flash Heads**

- **7" 65° Reflector** (40GR7)
  - Item #DYR74040 ............... 42.95

- **9° 45° Reflector** (40GR8)
  - Item #DYR94040 ............... 61.50

- **7" Barndoor and Filter Frame** (4006B7)
  - Item #DYBDGR7 ............... 83.95

- **9" Grid Set** (4008B)
  - Item #DYGS9 .................. 198.95

- **9" Barndoor & Filter Frame** (4006B9)
  - Item #DYBDGR9 ............... 84.95

- **7" Magnetic Gel Holder** (FC18)
  - Item #DYFH7BD7 .............. 37.95

- **9" Magnetic Gel Holder** (FC23)
  - Item #DYFH9BD9 .............. 39.95

- **18" Reflector** (40SW)
  - Item #DYR18W4040 .......... 110.00

- **18" Silk Diffuser**
  - Item #DYDSR18 ............... 29.95

- **Long Throw Reflector** (40SP40)
  - Item #DYRLT4040 .......... 84.95

---

**Equipment Leasing Available**
**SYSTEM ACCESSORIES**

**FLASHTUBES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>40” Compact Umbrella (4401B) 40” white convertible umbrella with removable black back.</td>
<td>#DYU40W</td>
<td>$53.95</td>
</tr>
<tr>
<td>45” Umbrella (4402B) 45” white convertible umbrella with removable black back.</td>
<td>#DYU45W</td>
<td>$39.95</td>
</tr>
<tr>
<td>ProV High Efficiency Small Light Bank (LB2432) Use to soften, diffuse &amp; spread light evenly over a large area of coverage.</td>
<td>#DYL2432</td>
<td>$109.95</td>
</tr>
<tr>
<td>ProV High Efficiency Medium Light Bank (LB3648) Use to soften, diffuse and spread light evenly over a large area of coverage. Size: 36” x 48”.</td>
<td>#DYL3648</td>
<td>$180.40</td>
</tr>
</tbody>
</table>

**CABLES AND CORDS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ Cord (0203) 10’ grounded international cord f/D805 &amp; M-series packs.</td>
<td>#DYPC10</td>
<td>$12.95</td>
</tr>
<tr>
<td>7’ Cable (0403) 7’ extension cable for M-series heads.</td>
<td>#DYEC7</td>
<td>$17.50</td>
</tr>
<tr>
<td>14’ Cable (0406) 14’ extension cable for M-series heads.</td>
<td>#DYEC14</td>
<td>$24.50</td>
</tr>
<tr>
<td>15’ Cable (0315X) 15’ HD 3-bladed sync cable for M packs.</td>
<td>#DYSC15</td>
<td>$21.95</td>
</tr>
<tr>
<td>1000 w/s Flashtube (0703) 1000 w/s HD circular quartz UV flashtube for the 1015 flash head.</td>
<td>#DYFT1015</td>
<td>$103.50</td>
</tr>
<tr>
<td>2000 w/s Flashtube (2403) 2000 w/s HD circular quartz UV flashtube for the 2040 flash head.</td>
<td>#DYFT2040</td>
<td>$126.95</td>
</tr>
<tr>
<td>25’ Cable (0407) 25’ extension cable for M-series heads.</td>
<td>#DYEC25</td>
<td>$64.95</td>
</tr>
<tr>
<td>10’ grounded international cord f/D805 &amp; M-series packs.</td>
<td>#DYPC10</td>
<td>$12.95</td>
</tr>
<tr>
<td>7’ extension cable for M-series heads.</td>
<td>#DYEC7</td>
<td>$17.50</td>
</tr>
<tr>
<td>14’ extension cable for M-series heads.</td>
<td>#DYEC14</td>
<td>$24.50</td>
</tr>
<tr>
<td>15’ HD 3-bladed sync cable for M packs.</td>
<td>#DSC15</td>
<td>$21.95</td>
</tr>
</tbody>
</table>

**MOBILKING LAMPS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>150W Modeling Lamp (GBETC) for the 1010/1015 heads.</td>
<td>#GBETC</td>
<td>$12.79</td>
</tr>
<tr>
<td>250W Modeling Lamp (GBESS) for the 2040/4040/4080 heads.</td>
<td>#GBESS</td>
<td>$13.50</td>
</tr>
<tr>
<td>2000 w/s Flashtube (4003) 2000 w/s dual flashtube for the 4080 flash head.</td>
<td>#DYFT4080</td>
<td>$219.12</td>
</tr>
<tr>
<td>2000 w/s Flashtube (4006) Same as above with frosted glass dome.</td>
<td>#DYFTB4040</td>
<td>$219.12</td>
</tr>
</tbody>
</table>

**MISCELLANEOUS ACCESSORIES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotating Speed Ring (LR716A) Aluminum, to connect and attach a softbox to any Dyna-Lite flash head or M onelight.</td>
<td>#DYSR</td>
<td>$98.95</td>
</tr>
<tr>
<td>2000 w/s Flashtube (4006) Same as above with frosted glass dome.</td>
<td>#DYFTB4040</td>
<td>$219.12</td>
</tr>
<tr>
<td>Optical Spot (40OPSPO) Works like a snoot but with more control and more options to choose from. Includes a condenser focusing mechanism, waterhouse stop plates, gel holder and framing cutter.</td>
<td>#DYS4000</td>
<td>$105.95</td>
</tr>
<tr>
<td>2000 w/s Flashtube (4003C) 2000 w/s flashtube with clear glass dome for the 4040 flash head.</td>
<td>#DYFTC4040</td>
<td>$175.95</td>
</tr>
<tr>
<td>Transformer (0960) Steps down 240V AC to 120V AC. Includes adapter plug set.</td>
<td>#DYT</td>
<td>$74.95</td>
</tr>
</tbody>
</table>

**ADAPTOR CABLES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adapter Cable (2809) Adapter cable for M heads to D packs.</td>
<td>#DYACMLHDPP</td>
<td>$34.95</td>
</tr>
<tr>
<td>Adapter Cable (2810) Adapter cable for D heads to M packs.</td>
<td>#DYACDLHMP</td>
<td>$34.95</td>
</tr>
</tbody>
</table>

**PROTECTIVE COVERS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 w/s Flashtube (4003) 2000 w/s dual flashtube for the 4080 flash head.</td>
<td>#DYFTBC4040</td>
<td>$219.12</td>
</tr>
<tr>
<td>2000 w/s Flashtube (4006) Same as above with frosted glass dome.</td>
<td>#DYFT4040</td>
<td>$175.12</td>
</tr>
<tr>
<td>Ratchet Handle Kit (1101) for flash heads.</td>
<td>#DYRH</td>
<td>$14.95</td>
</tr>
<tr>
<td>Protective Cover (4003) for 2040 heads.</td>
<td>#DYFTC</td>
<td>$19.95</td>
</tr>
<tr>
<td>Protective Cover (4004) for 4040 flash head.</td>
<td>#DYPCFT4040</td>
<td>$19.95</td>
</tr>
</tbody>
</table>

**Clear Glass Dome (40DMC) for 4003 and 4006 flashtubes | #DYGDC4040  | $75.95 |
Dyna-Lite has one-pack and two-pack systems geared for both portrait and wedding photographers. Choose the system containing the power pack which best suits your power and feature requirements. Systems are available in combinations of one or two packs and up to as many as three heads. All systems except the two-pack/three head version come with stands, umbrellas and a carrying case. When the system is based on an M1000DR pack, the Dyna-Lite IRT-1 transmitter is included. These systems are tailored for the photographer on the go.

**Lightweight Equipment Case (0670LW)**
- Holds 1 pack and 2 heads.
- Dimensions: 21 x 11 x 10” (53.3x27.9x25.4cm)
- Item # DYC0670LW ........ 219.95

**Lightweight Equipment Case (0671LW)**
- Holds 2 packs and 3 heads.
- Dimensions: 21 x 18 x 9” (53.3x45.7x22.9cm)
- Item # DYC0671LW ........ 144.95

**Lightweight Tenba Equipment Case (0673LW)**
- Holds Wedding/Portrait kit.
- Dimensions: 22.75 x 17 x 8.5” (57.8x68.8x21.6cm)
- Item # DYC0673LW ........ 110.50

**Equipment Case (0675)**
- Holds two 2000w/s packs and two 4040 heads.
- Dimensions: 18.25 x 14.25 x 5.75” (46.3x36.2x14.6cm)
- Item # DYC0675 .............. 236.72

**One-Pack/Two-Head System (M512RPS)**
- Consists of:
  - (1) M500DR
  - (1) Power cable
  - (2) 2040 flash heads w/cables
  - (1) 15’ sync cord
  - (1) IRT-1 transmitter
  - (2) 7’ light stands
  - (2) 40’ umbrellas
  - (1) 0670LW carry case.
- Item # DYM512RPSK ...2122.56

**One-Pack/Two-Head System (M112RPS)**
- Consists of:
  - (1) M1000DR
  - (2) 2040 flash heads
  - (1) IRT-1 transmitter
  - (2) 7’ light stands
  - (2) 40’ umbrellas
  - (1) 0670LW carry case.
- Item # DYM112RPSK ...2386.00

**One-Pack/Two-Head System (M112EPS)**
- Consists of:
  - (1) M1000ER
  - (2) 2040 flash heads
  - (2) 7’ light stands
  - (2) 40’ umbrellas
  - (1) 0670LW carry case.
- Item # DYM112EPSK ....... 1877.92

**Two-Pack/Three Head System (M523RPS)**
- Consists of:
  - (2) M500DR
  - (2) Power cables
  - (3) 2040 flash heads
  - (2) 15’ sync cords
  - (1) IRT-1 transmitter
  - (1) 0671LW carry case.
- Item # DYM523RPSK ...3019.95

**Two-Pack/Three Head System (M123RPS)**
- Consists of:
  - (2) M1000DR
  - (2) Power cables
  - (3) 2040 flash heads
  - (2) 15’ sync cords
  - (1) IRT-1 transmitter
  - (1) 0671LW carry case.
- Item # DYM123RPSK ...4034.00

**Two-Pack/Three Head System (M123EPS)**
- Consists of:
  - (2) M1000ER
  - (2) Power cables
  - (3) 2040 flash heads
  - (1) 0671LW carry case.
- Item # DYM123EPSK ....... 2669.95

**Basic Package System (M52BTPS)**
- (1) M500XL
- (1) Power cable
- (1) 15’ sync cord
- (2) 1015 flash heads w/cables
- (2) 7’ light stands
- (1) Grid spot holder
- (1) 40° grid spot
- (1) 0673LW carry case.
- Item # DYM52BTPSK ...1265.95

**Deluxe Package System (M53DTPS)**
- (1) M1000ER
- (2) 2040 Fan-Cooled Heads
- (2) 7’ light stands
- (2) 40” umbrellas
- (1) grid spot holder
- (1) 40° grid spot
- (1) 0673LW carry case.
- Item # DYM53DTPSK ...1490.95

**M112VEPS (M112VEPS)**
- Small and lightweight with a fast 1.5 sec. recycle time and 5 f-stop range. Great for digital photography.
- Consists of:
  - (1) M1000ER Power Pack
  - (2) 2040 Fan-Cooled Heads
  - (2) 40” umbrellas
  - (1) grid spot holder
  - (1) 40° grid spot
  - (1) 0673LW carry case.
- Item # DYM112VEPS ....1433.95

**500 Watt Kit**
- Consists of:
  - (1) M500XL Power Pack
  - (2) 2040 Fan-Cooled Heads
  - (2-10) Air Cushioned Stands
  - (2-45”) White Satin Umbrellas
  - (1) Light Kit bag
- Item # DYM500XL2K .......1499.95
MICRO AS PACKS
For absolute control over your lighting, the Micro AS packs feature state-of-the-art electronics allowing individual lamphead control in 1/10 f-stop variations. Once you have your lighting ratios set, you can even further control the pack’s total power output in 1/10 f-stop increments. Designed to meet stringent Swiss safety codes, the AS packs operate under the heaviest of uses with unparalleled accuracy and dependability shot after shot.

CLASSIC PACKS
Proven design, total controllability and rugged dependability have earned Elinchrom Classic power packs the “workhorse” reputation they enjoy today among the world’s most demanding professionals. They feature continuously adjustable power and modeling output over a 5-stop range; 3 recycle speeds; 3 modeling light options; off, full-power and proportional; 3 individually selectable lamphead outlets; an built-in switchable slave cell and power port connection for accessories. Classic packs are compatible with all Elinchrom pack heads and accessories.

DIGITAL PACKS
The Digital 1 is the next generation of compact, lightweight power packs designed for high frequency use. Utilizing the latest internal circuitry, the Digital 1 features quick recycling, a low-noise internal fan, and a continuously variable 6-stop power range providing the photographer with the flexibility to shoot digitally or on film. Its simple design and ease of use, enables the photographer to spend more time shooting and less time configuring, without compromising Elinchrom’s exceptional light quality, performance, and speed.

FEATURES
- Each lamphead is user-programmable over 56 settings (6½ f-stops) in 1/10th stops.
- Large LED displays show the total power of the pack and secondary displays show each head’s output in watt-seconds.
- Once correct light ratio is achieved, the pack’s total power output can be increased or decreased, while maintaining the chosen asymmetrical ratio between the lampheads.
- 3 recycling speeds regulate AM P draw for a convenient solution to variable electrical service on location shoots.
- Several modeling lamp settings.
- Up to eight packs can be operated wirelessly from optional IR remote control unit.

SPECIFICATIONS
- Max. Power: 3000 w/s
- Min. Flash Power: 62 w/s
- Output Display Range: 6 to 9
- Max Output: f/180.1
- Fastest Recycle: 3.8 sec.
- Flash Duration: 1/1000 sec.
- Power Range: 6½ f-stops
- Adjustment: 1/10 stops
- Symm/Asymm: Asymmetrical
- Head Outlets: 3
- Weight: 25 lbs. (11.3kg)
- Dimensions: 19.5 x 5.5 x 12.5” (50x14x32cm)

DIGITAL 1
- Despite its small size, the Digital 1 delivers a maximum light output of 1200 w/s at 3.2’ (1m) (100 ISO using the 50° Standard reflector) from its flash power of 1200 w/s.
- Minimum power is only 37 w/s which, when divided between two lampheads, gives just 18 w/s per head yet still providing flash after flash with consistency and repeatability.
- For fashion photography, combining the Digital 1 with a Mini A Lamphead produces spectacularly short flash durations. At full power, using two Mini A lampheads, the flash duration at 10.5 is a mere 1/3700th of a sec. which the Digital 1 can deliver every 1.2 seconds.

FEATURES
- These fully symmetrical packs feature a full 5-stop power range, with individual stepless power control sliders for both flash output and modeling lamps.
- Three recycling speeds regulate AM P draw, the same as the Micro packs.
- They include a built-in switchable slave-cell and 3 modeling light options; off, full power and proportional (with Dim-Unil-Recycled).“
- There are three individually selectable lamp outlets.
- The built-in power port connection supplies power to the optional synchron radio slave, multiflash and powerstrobe accessory.
- Fully compatible with the entire range of Elinchrom’s extensive packs and heads.

SPECIFICATIONS
- Max. Power: 3000 w/s
- Min. Flash Power: 188 w/s
- Max Output: f/180.1
- Fastest Recycle: 4.2 sec.
- Flash Duration: 1/1800 sec.
- Power Range: 5 stops
- Symm/Asymm: Symmetrical
- Head Outlets: 3
- Weight: 25 lbs. 2 oz. (11.4kg)
- Dimensions: 3.2’ (1m) (100 ISO using the 50° Standard reflector) from its flash power of 1200 w/s.
- Minimum power is only 37 w/s which, when divided between two lampheads, gives just 18 w/s per head yet still providing flash after flash with consistency and repeatability.
- For fashion photography, combining the Digital 1 with a Mini A Lamphead produces spectacularly short flash durations. At full power, using two Mini A lampheads, the flash duration at 10.5 is a mere 1/3700th of a sec. which the Digital 1 can deliver every 1.2 seconds.

B&H PHOTO - VIDEO - PRO AUDIO
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1-800-947-9941 • www.bhphotovideo.com

ELINCHROM
MICRO AS/CLASSIC/DIGITAL PACKS

MICRO AS 3000
- Item # EL3000AS ............4777.00

CLASSIC 3000
- Item # EL3000.............2767.00

DIGITAL 1
- Item # ELD1 .................1042.50

SPECIFICATIONS
- Max. Power: 1200 w/s
- Min. Flash Power: 37 w/s
- Max Output: f/128
- Fastest Recycle: 1.2 sec.
- Flash Duration: 1/3700 sec.
- Power Range: 6 stops
- Symm/Asymm: Symmetrical
- Head Outlets: 2
- Weight: 12 lbs. 10 oz. (5.7kg)
- Dimensions: 8.6 x 5.1 x 9” (22x13x23cm)
ELINCHROM
DIGITAL RX PACKS

DIGITAL 1200 RX

DIGITAL 2400 RX

SPECIFICATIONS

Max. Wattage: 1200W
f-stop 1m, 100 ISO
1/250s; Reflector 48°:
128
Recycling Min/Max
230V Fast:
0.24 - 1.0 s
Recycling Min/Max
230V Slow:
0.35 - 1.9 s
Flash Duration @ t0,5
with 2 A Heads:
1/3400 s
Flash Duration @ t0,5
with 1 Digital S Head:
1/1200 s
Power Range:
37-1200 ws
Sync Voltage: 5V
Fan Cooled: Yes
Modeling Lamp:
Proportional/Free/Off
Charge Ready Beep: Yes
Photocell: Yes
ADF, Auto Dumping Function: Yes
Dimensions:
8.7 x 5 x 9” (22x13x23cm)
Weight: 10.1 lbs. (4.6kg).

DIGITAL 1200 RX

Digital RX 1200 (10255)
Item # ELD1200RX........2034.95

SPECIFICATIONS

Max. Wattage: 2400W
f-stop 1m, 100 ISO
1/250s; Reflector 48°:
180
Recycling Min/Max
230V Fast:
0.4 - 1.9 s
Recycling Min/Max
230V Slow:
0.55 - 3.6 s
Flash Duration @ t0,5
with 2 A Heads:
1/1700 s
Flash Duration @ t0,5
with 1 Digital S Head:
1/600 s
Power Range:
75-2400 ws
Sync Voltage: 5V
Fan Cooled: Yes
Modeling Lamp:
Proportional/Free/Off
Charge Ready Beep: Yes
Photocell: Yes
ADF, Auto Dumping Function: Yes
Dimensions:
8.7 x 5 x 12.6” (22x13x32cm)
Weight: 10.1 lbs. (4.6kg).

DIGITAL 2400 RX

Digital RX 2400 (10257)
Item # ELD2400RX........2784.50

FEATURES

■ Ultra stable circuitry for absolutely consistent output power.
■ Unique dedicated Digital S flash heads for QTVR and 4-shot durability and stability.
■ Budget priced Digital SE flash heads for single-shot use.
■ High Speed A - and regular S heads available for fashion and general purpose photography.
■ Precise digital power display to complement advanced technology.
■ Digital power values compatible with the Elinchrom system.
■ Modeling lamps proportional or independent, with display.
■ Fast recycling consistent with precision and stability.
■ Remote control (optional) all functions, 2-way with readout. Extension cables available for tracking/wall installations.
■ Surge resistant for PC (Mac in development) is optional, controlling up to 4 studio locations, each with 16 channels.
■ Price / performance / quality - Elinchrom value.

LIGHTING Q&A

People seem to expect me to make them look better than they do in real life. What can I do about this?

Tell them they could be more photogenic than they realize. Start by enhancing their inside qualities—if you feel beautiful inside, you’ll look more beautiful. Pay attention to shade-free lighting, add a diffusion screen, have them pretend they’re a movie star on a movie set. However, in the commercial business where the headshots have to look very much like the subjects when they walk in, you can’t overdo glamour or any other effect.

Are there any special techniques to use when photographing children?

Yes. Have a galaxy of props like fake food to play with. Tell them they are doing a commercial and make it playtime—not a chore. Take them outside where they’ll be more relaxed—it’s got to be fun for them. Try to photograph children out-of-doors, or in bright, even lighting—no shadows should fall in their faces. Unless the child is very young, always try to keep Mommy in the other room (she has a tendency to want to direct). With babies and toddlers, though, it sometimes helps to have the parent right next to you and the lens, which will make the child focus on the camera. There is a welcome trend toward very natural closeups of children at any age.

ELINCHROM
PACKS & HEADS

LAMPHEADS

The Elinchrom lampheads are designed to complement Elinchrom power packs. They are all the same size and all accept the complete range of accessories. The heads are fan cooled and feature a switchable 300W modeling lamp (650W lamps can be used if desired). These lampheads offer various flash durations from normal to ultra fast. The standard heads incorporate a metal chassis. There is improved ventilation, a thermal cutout and re-styled locking ring for ease of use. The flash heads can be divided into four types: S heads (standard flash duration), A heads (fast flash duration), R heads (linear design), and X heads (bi-tube). All heads come complete with 16’ color-coded power cable.

R3000 Head (20163)
The R Type lampheads are linear in design, and produce a remarkably even, wide light pattern suitable for filling large areas. A ball and socket light stand mount allows easy positioning. Both the Mini R and R3000 include a 500W halogen modeling lamp and built in barndoor holders.
Item # ELR3000 …………….1098.00

X6000N (20183)
This double cable lamphead allows 2 power packs to be used together, or with both cables in one unit for very short flash duration. The special bi-tube head design is shaped to maximize efficiency in all Elinchrom accessories.
Item # ELX6000N ………..1314.00

Digital SE (20175)
3000 w/s fan cooled lamphead designed for use with Digital 1 and Digital 2 power packs.
Item # ELD52 ……………..726.50

Boxlite 3000N (20497)
A table top light source particularly suitable as background, or as a base for back-lighted small objects. As a powerful, but small even lightsource, the multi-angle tilt bracket ensures its suitability for many different types of lighting situations, as diverse as fashion, portraiture of faces, hands or feet for example. It is also perfect for medical radiography, and general medical applications.
Item # ELBL……………..882.00

MINI LAMPHEADS

The Mini A head is the choice for the fashion photographer and those who want the shortest flash durations. It uses the unique Elinchrom super short duration flash tube, designed to support the heating stresses associated with rapid full power shooting. The Mini S head uses the traditional flash tube which delivers almost 1/3 f-stop more light for the greatest depth of field. Mini lampheads are fitted with 16’ (4.9m) of low resistance cable, incorporate a highly efficient cooling fan and are fitted with a 150W halogen modeling lamp (can be modified to accept a maximum 300W lamp). Both the Mini A and Mini S heads incorporate the standard Elinchrom accessory mount giving full access to the remarkably comprehensive system of Elinchrom lighting accessories. The Mini R is perfect when lighting broad areas or creating sharp sunlight type shadows and can easily be fitted with barndoor or color gels to create specific lighting effects. It is mounted on a ball and socket joint and with its small size can be placed in the most awkward positions.

Mini A Lamphead (20105)
3000 w/s fan cooled lamphead with short flash duration.
Item # ELM A ………..610.00

Mini S Lamphead (20103)
3000 w/s fan cooled lamphead with standard flash duration.
Item # ELM SQ ………..584.95

RING FLASH

The RF 3000 is dedicated to Elinchrom power packs discharging up to a maximum of 3000s per exposure. To retain ease of handling, the unit has a 16 ft. (5m) power cable which reduces weight to approx. 4.4 lbs. (2kg). A 200mm rail with full camera adjustments allows any 35mm or medium format camera to be conveniently fitted. The Ringflash is a unique light source ensuring totally shadowless but concentrated illumination for high contrast or high key lighting.

Ringflash RF 3000 (20500)
Item # ELRF3000 ………..1299.95
ELINCHROM
SPOTLIGHTS/FIBERLITE

SPOT-LITE 3000

Two 3000 w/s focusing zoom spotlights are available to operate directly from any power pack up to 3000 w/s. They are similar to theater spotlights and offer a number of special features. The lenses are mounted on extra smooth runners and can be quickly and easily locked into place. There is easy access to the lenses for cleaning. The modeling lamp mount is designed so that lamps can be replaced in seconds and adjusted to align with the flashtube eliminating the problems of registration found in other units. The model numbers of the units refer to their minimum and maximum angle of coverage. The Spot Lite 3000 13°-35° can be adjusted from 13° to 35° and the Spot Lite 24-50 from 24° to 50°. The wider angle of coverage of the 24-50 makes it more suitable for the smaller studio. These Spot Lites produce a hard edged circle of light that can be focused to produce a ‘theater spotlight’ effect. They have built in masking blades for special effects and the entire unit is produced from a rigid aluminum for strength and durability. In addition there is an iris control and a gobo holder to fit either unit which is available separately. The gobo holder accepts optional metal patterns of 53mm in diameter.

Specifications

Beam Angle: 3°-35°
Beam Angle: 24°-50°
Iris Control
Gobo Holder
85.5mm Gobos

MINISPOT

A focusing spotlight that fits directly onto any Style, S, Digital or A head to produce a hard edged but even circle of light. It works best when used close to the subject. It has a gobo holder and accepts metal gobos 53mm in diameter. Designed for projecting shapes and cut-outs, the Minispot includes a gobo holder for optional 53mm gobos.

Specifications

Beam Angle: 18°-36°
Housing: Extruded Aluminum
Weight: 10.5 lbs. (4.8kg)
Dimensions: 17.5 x 6 x 6” (44.5 x 15.2 x 15.2cm)

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
**S35 Fresnel Spot**

An accessory that accepts any Style, S, A, Digital or X head. The S35 Fresnel Spot was designed to focus on the specific shape of Elinchrom flash tubes and projects a soft edged beam. The angle of coverage can be varied by means of a crank handle from 25 to 70°. At its narrowest angle the S35 is the most effective concentrator of light in the Elinchrom line and will give spectacular f-stops over quite large distances. At any setting the S35 gives very even light distribution to within 1/10th f-stop at any point in the spot of light it creates. In use the S35 has many applications. The concentrated light is frequently used to simulate sunlight with bold shadows. The semi-hard light is also useful in fashion and food photography where texture is important. It is superb when used to bounce light off suspended flats, a technique that is becoming widely used by car photographers. It has even been used to copy paintings as the illumination is even and it is easy to polarize the light. The S35 can accept Barndoors (the 17° Barndoors that fit onto the Square 17° reflector are the most appropriate).

- **S35 Fresnel Spot** (26450)
  - Item # ELSLS35 .................................................... 1323.50

**SOFTLITES**

Elinchrom Light Banks are optically matched to Elinchrom heads, providing unsurpassed evenness and efficiency in a large size. With the built in rotalite feature, Elinchrom light banks can be easily maneuvered to any angle for special lighting effects. Lightweight and portable, even the 6-foot Octa is easily set up by one person in just a few minutes. Ideal for every fashion, portrait and commercial application, Elinchrom Light Banks stand alone as the most versatile lighting accessory for every Elinchrom photographer. Supplied with a durable carrying case for protection and portability.

- **Octa Bank 74” x 74”** (26158)
  - The octagonal shape is ideal when using the reflection method of light distribution. As a result, the Octa Bank gives remarkably even illumination - within 1/3 f-stop - across its entire 6-foot plus diameter. It can be used very close to your subject for soft, even, wrap-around lighting effects. Its light efficiency allows even the smallest compact units to give impressive exposure readings. For example, with ISO 100 an EL 250 in the Octa gives an output of approximately f 5.6 at 6 feet.
  - Item # ELLBO ...................... 892.50

- **Strip Bank 13” x 69”** (26160)
  - This is the same length as the Recta but narrower at 13”.
  - There is also an alternative front diffuser that reduces the front width to 6”. The Strip is a wonderful tool for fashion photographers, but also many portrait and still life applications.
  - Item # ELLBS ................... 734.95

- **Quadra Bank 57” x 57”** (26156)
  - This is a very popular light bank because of its large size. The exceptional evenness of illumination over its 22 square foot surface allows it to be used very close to the subject if desired. This reduces the need for multiple flashing. Its square shape allows multiple units to be banked together for extremely large sets. Despite its large size, the Quadra like all Elinchrom banks is lightweight, portable, and sets up quickly making it as convenient for location shooting as it is for the studio.
  - Item # ELLBQ ................... 794.95

- **Recta Bank 28” x 69”** (26154)
  - This is an ideal light source for full-length fashion and portrait work. It can also be mounted horizontally for graduated background effects.
  - Item # ELLBR ................... 619.95

- **Universal Bank Adapter** (26240M)
  - Fits Speedotron 202, 206; Dynalite; Hensel; Broncolor Primo (with optional 3102 adapter), Balcar (with optional 3102 adapter); Calumet Elite, Traveller Plus; Bowens Equipe; Photogenic Powerlite; Comet CAX Slide; Excalibur, Lumedyne.
  - Item # ELOMA ................... 54.95

- **Profoto Adapter** (26333)
  - Allows the use of Elinchrom reflectors and softboxes on Profoto strobes.
  - Item # ELPA .................... 119.95

- **Profoto Octa Bank Adapter** (26240P)
  - For Profoto Acute and Pro series heads on lightbanks only.
  - Item # ELOPA ................... 59.95
SOFTBOXES/REFLECTORS

RO TALUX SOFTBOXES

These revolutionary new softboxes feature the “Rotalux” rotating speedring mount for exact angle positioning, spring-loaded self-locking struts for fast, easy set-up and durable snap fasteners to quickly attach the inner diffuser. Edge-to-edge front diffusers allow any of the softboxes to be banked together, creating custom shapes or larger sizes on demand. The geometrics of the Rotalux softboxes are precisely engineered to the focal length and light pattern unique to all Elinchrom flash heads. This feature, along with the “double diffusion” design ensures the exceptional evenness and softness Elinchrom softboxes are famous for. Additionally, all units can be used with or without either of the two diffusers to further control the specular quality of light.

SQUARE

27" x 27" Rotalux Softbox (26178)
Suitable for small objects and head-and-shoulder portrait work. Supplied with 2 diffusers.
Item # ELSB2727Q ........... 157.50

Round Diffuser (26238)
Round front diffuser for 27" x 27" softbox.
Item # ELD SB2727 ........... 129.95

39" x 39" Rotalux Softbox (26179)
The ideal softbox for most photographers. It makes a superb light source for portraiture & still life. Supplied with 2 diffusers.
Item # ELSB3939Q ........... 209.95

Round Diffuser (26237)
Round front diffuser for 39" x 39" softbox.
Item # ELD SB3939 ........... 139.95

OCTAGONAL

39" Rotalux Mini Octa (26183)
Item # ELLBMO 39 ........... 185.95

53" Rotalux Junior Octa (26184)
Item # ELLBMO 53 ........... 229.00

RECTANGULAR

14" x 35" Rotalux Mini Recta (26180)
Item # ELLBM R1435 ........ 154.95

6" x 35" Strip Diffuser (26268)
Item # ELSDM 635 ........... 22.95

20" x 51" Rotalux Jr. Recta (26181)
Item # ELLBM R2051 ........ 228.50

6" x 51" Strip Diffuser (26269)
Item # ELSDM 651 ........... 67.95

10" x 51" Strip Diffuser (26270)
Item # ELSDM 1051 .......... 66.95

MAXISOFT AND MINISOFT REFLECTORS

Parabolic “Pan” reflector with adjustable deflector shield for eliminating specular light from flashtube, and redirecting it back into reflector. Ideal for portrait and commercial photography where broad, soft, even lighting is required, but has more crispness than a softbox. Includes a silver deflector for neutral color balance, and a gold deflector for a warming effect. Available in silver for maximum brightness, or white for more softness. An optional stretch-fit white nylon diffuser is also available for maximum softness.

27" Silver Maxisoft (26167)
Item # ELR27 .......... 229.95

27" White Maxisoft (26169)
Item # ELR27W .......... 229.95

27" Stretch-Fit White Diffuser (26235)
Item # ELDR27 .......... 39.95

Silver & Gold Deflector Set (Repl.) (26304)
Item # ELDSR27 .......... 59.50

17" Silver Minisoft (26166)
Item # ELRMS17 .......... 136.95

17" White Minisoft (26168)
Item # ELR17W .......... 123.95

17" Stretch-Fit White Diffuser (26232)
Item # ELDR17 .......... 22.95

Silver & Gold Deflector Set (Repl.) (26303)
Item # ELDSM SR .......... 47.50
Elinchrom offers an extensive system of versatile, efficient reflectors for every lighting application. Each reflector is precisely designed to match the optical characteristics of Elinchrom heads, ensuring the clean, even light coverage Elinchrom is famous for. Reflectors are compatible with compacts, standard pack heads, Scanlite and HMI. A patented, durable bayonet locking system provides positive instant mounting. Regardless of your photographic specialty, there's an Elinchrom reflector to help you realize your creative vision.

### Reflectors

<table>
<thead>
<tr>
<th>Reflectors</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>6½° 90° Umbrella Reflector</td>
<td>ELR6</td>
<td>43.95</td>
</tr>
<tr>
<td>7½° 60° Grid Reflector</td>
<td>ELR7</td>
<td>34.95</td>
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<tr>
<td>8½° 50° Standard Reflector</td>
<td>ELR8</td>
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<td>9½° 135° Wide Angle Reflector</td>
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<tr>
<td>Background Reflector</td>
<td>ELRBG</td>
<td>79.50</td>
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<tr>
<td>10½° 48° High Performance Reflector</td>
<td>ELR10</td>
<td>84.50</td>
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<tr>
<td>15½° Maxi Lite Reflector 43°</td>
<td>ELMR</td>
<td>92.50</td>
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<tr>
<td>15½° Maxi Spot Reflector 29°</td>
<td>ELMR5</td>
<td>79.50</td>
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<tr>
<td>17½° 80° Square Reflector</td>
<td>ELRS17</td>
<td>289.95</td>
</tr>
<tr>
<td>Snoot Reflector</td>
<td>ELS</td>
<td>49.95</td>
</tr>
</tbody>
</table>
All Elinchrom barndoors are hinged and have a heat resistant, non reflective black finish. They can be fitted to the side of an Accessory Holder (26034 or 26035), the R heads, Box Lite, the Square Reflector and the S35 Spotlite. They are available in 3 sizes.

**8 1/4˝ Barndoor Set (26039)**
Consists of 5 sets of different sized barndoors (4-black and 1-silver) and an Accessory Holder (26034).
Item # ELBD S8.25 ............ 133.95

**10 1/4˝ Barndoor Set (26040)**
Consists of 3 pairs of barndoors: 2 sets of 10 1/4˝ x 6 1/3˝ black and 1 Tapered Set. Supplied with Accessory Holder (26035).
Item # ELBD S10.25 ............ 143.95

**8 1/4˝ Single Barndoor (26009)**
Single leaf (10 1/4˝ x 6 1/4˝) barndoor.
Item # ELBD 18.25 .......... 26.50

**17 1/4˝ Single Barndoor (26101)**
Single leaf (17 1/4˝ x 13 1/4˝).
Item # ELBD 1738 .......... 36.95

**17 1/4˝ x 10˝ 2 Barndoor Set**
(two individual leaves) (26045)
Fits 17 1/4˝ reflector (26146).
Item # ELBD 21738 .......... 228.50

These are used to create soft edged spots of light. They are very efficient in maintaining light output and have many applications. 8 1/4˝ and 10 1/4˝ reflectors require Accessory Holder (26034) or (26035).

**8 1/4˝ 30° Honeycomb Grid (26028)**
Item # ELG 308.25 .......... 32.95

**8 1/4˝ Honeycomb Grid Set (26025)**
Consists of: Accessory Holder (26036), 12° Honeycomb Grid (26030), 20° Honeycomb Grid (26029), and 30° Honeycomb Grid (26028).
Item # ELRG 58.25 .......... 249.95

**8 1/4˝ 12° Honeycomb Grid (26030)**
This is Elinchrom’s best selling grid. It has many uses, most often in portraiture as a hair light. In still life it can be used to give small areas a more controlled light.
Item # ELG 128.25 .......... 64.95

**8 1/4˝ 20° Honeycomb Grid (26029)**
This gives an angle of coverage of 32° and can be used in portraiture to light a background or for edge lighting.
Item # ELG 208.25 .......... 47.95

**10 1/4˝ 20° Honeycomb Grid (26017)**
The only honeycomb grid available for the High Performance Reflector (26137). It can be used to reduce the angle of coverage of the reflector with a minimum loss of power.
Item # ELH G 2010.25 .......... 97.95

**7˝ Honeycomb Grid Set (26135)**
Includes 7˝ reflector (26144), Gel Holder (26132), 12° Grid (26102), 20° Grid (26101) and 30° Grid (26100).
Item # ELRG 57Q .......... 147.95

**7˝ Filter Holder (26132)**
Fits 7˝ Reflectors.
Item # ELFH 7 .......... 9.95

**8 1/4˝ 8˝ Honeycomb Grid (26031)**
Used most often in still life studios. Excellent for highlighting.
Item # ELG 88.25 .......... 76.95

**Translucent Deflector (26305)**
Eliminates sharp shadow edges.
Item # ELDT .......... 18.95

**Snoot Grid (26426)**
The “Snoot-Grid” is a professional accessory for the Elinchrom Snoot (26425). The 1.6mm honeycomb gives a sharply defined concentrated light source of exceptional quality. The “Snoot-Grid” is an easy retro fit, with clips to grip the interior of the Snoot.
*Note: The grid necessarily restricts ventilation of the Snoot. Please monitor heat levels at all times. High wattage tungsten lamps or high power multi-flashing are liable to cause overheating.
Item # ELSG .......... 36.50

**Accessory Holders**
Accessory Holders fit onto the front of the reflector and accept a complete system of attachable accessories – grids, filters, diffusers, and barndoors. Their design allows different accessories to be used together. For example: to produce spots of colored light, gels can be used in conjunction with honeycomb grids and then barndoors can be used to avoid flare. The Accessory Holder is rotatable. Note: The accessory holder is not required when using barndoors on R Heads, Box Lites, Square Reflector or S35 Spotlite.

For **8 1/4˝ Reflectors** (26034)
Item # ELAH 8.25 .......... 36.95

For **10 1/4˝ Reflectors** (26035)
Item # ELAH 10 .......... 74.95
FILTERS

Diffusion Filters
M. manufactured from spun glass material for optimum heat resistance. The effect is to diffuse light as well as slightly reduce output.

Diffusion Filters (Pack of 10) (26249)
For 8¼” reflectors. Requires accessory holder (26034).
Item # ELD58.25 .......... 26.50

Diffusion Filters (Pack of 5) (26249)
For 10¼” reflectors. Requires accessory holder (36035).
Item # ELD10.25 ........... 36.50

Diffusion Filters (Pack of 5) (26246)
For 17¼” reflector (26146).
Item # ELD51738 ........... 36.50

Polarizing Filters
These filters will not alter the color of the light and by rotating the accessory holder, it is possible to remove unwanted reflections from many different surfaces. Can be used as an ND filter as well.

Color Filter Set of 10 (26243) Made from highly heat resistant polyester for long life and intended for special effects. For 8¼” reflectors. Requires accessory holder (26034).
Item # ELCFS8.25 .......... 19.95

Polarizing Filter for 8¼” Reflector (26244) Requires accessory holder (26034).
Item # ELPS8.25 .......... 84.95

Polarizing Filter for 10¼” Reflector (26248) Requires accessory holder (26035).
Item # ELP10.25 .......... 105.95

POWERS PACK ACCESSORIES

FRC Synchron Set for Power Packs (19311) Consists of a receiver and a transmitter. The receiver plugs into the accessory socket of the power pack. The transmitter is connected to the sync socket of the camera. Transmitter transmits by radio over 66’ (20m) and has 16 channel settings. Operates from a 9V battery.
Item # ELFRCSS .......... 357.95

FRC 1 Remote Control Set for Compact and Style Units (19304) Consists of a receiver and a transmitter. The AC operated receiver connects to the sync socket of Compact flash units. The transmitter is connected to the sync socket of the camera. The transmitter transmits by radio over 66’ (10m) and has 16 possible channel settings. The transmitter operates from a 9V battery.
Item # ELFRC1S .......... 357.95

FRC 1 Transmitter (only) (19306)
Item # ELFRC1T .......... 129.95

FRC 1 Receiver (only) (19303)
Item # ELFRC1R .......... 244.95

FRC 1 Transmitter (only) (26143)
Item # ELFRC1T .......... 129.95

Transmit Cap (26124) Fits all bayonet lampheads.
Item # ELFTCM .......... 97.95

Frosted Security Filter (26254) Fits for Mini R & R3000 lampheads.
Item # ELFC .......... 5.50

Basic Pro Kit (20767) Consists of: two 6½° 90° reflectors (26143), sync cord (11075), 33” white umbrella (26372), 33” translucent umbrella (26371).
Item # ELBPK .......... 377.50

Power Strobe (19323) A unit that allows a programmed delay of between .01 and 9.99 secs. Triggering from another flash source will allow various sequencing effects.
Item # ELPS .......... 298.50

General Accessories

Pyrex Domes Covers and protects the flash tube, as well as diffuses and alters the color temperature. They fit all bayonet lampheads.
Clear Pyrex Dome (24925) Item # ELFTC .......... 86.95
Frosted Pyrex Dome (24926) Item # ELFTCM .......... 86.95
400K° Warm Pyrex Dome (24927) Item # ELFTCY .......... 97.95

Protective Hood/Transit Cap (26124) Fits all bayonet lampheads.
Item # ELHFTC .......... 9.95

Clear Security Filter (26293) For Mini R & R3000 lampheads.
Item # ELSC .......... 5.95

Frosted Security Filter (26254) For Mini R & R3000 lampheads.
Item # ELFF .......... 9.50

Basic Pro Kit (20767) Consists of: two 6½° 90° reflectors (26143), sync cord (11075), 33” white umbrella (26372), 33” translucent umbrella (26371).
Item # ELBPK .......... 377.50

Rotalite (26200) Permits rotation of older lightbanks.
Item # ELRL .......... 74.95

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### Umbrellas

Translucent umbrellas can be used either to shoot through or to bounce the light. The difference in light output between shooting through and bouncing is very small. The material is neutral and allows about 50% transmission. The white material allows virtually no light to pass through it and makes a very efficient bounce umbrella. It is glossy white and gives similar output to a silver umbrella without harshness. Silver gives the maximum light output. The light reflected is harsher than with the white material. It’s best suited for larger groups when coverage is important. Silver/Gold umbrella provides the light output of a silver umbrella with a warming effect. The Blue umbrella is used for color-correcting tungsten light sources such as the Scanlite when using daylight balanced color films.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>ELU33T</td>
<td>33” Translucent Umbrella</td>
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<td>ELU33S</td>
<td>33” Silver Umbrella</td>
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<tr>
<td>ELU33W</td>
<td>33” White Umbrella</td>
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<td>ELU41T</td>
<td>41” Translucent Umbrella</td>
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<td>ELVK41</td>
<td>Varistar Umbrella Kit</td>
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</table>

### Cases

- **Carrying Case** (33208)  
  Holds 3 Style or Prolinca heads.  
  Item # ELCC .......... 243.50

- **Carrying Bag** (33220)  
  For carrying two 8’ lightstands.  
  Item # ELLSC .......... 59.95

- **Carrying Bag** (33224)  
  For 39”x39” softbox (26150).  
  Item # ELCB3939 .......... 66.95

- **Carrying Bag** (33221)  
  For lightbanks.  
  Item # ELCCOB .......... 59.95

### Lightning Q&A

**What’s different in terms lighting for painting and lighting for photography?**

It’s pretty much the same; for example we’re still using Rembrandt’s lighting style. If you look at the Mona Lisa from the point of view of a contemporary photographer, she’s well lit, with straight-on light and no shadows. Most great portraits of women in general do not have dark shadows on the face. The portraits show a luminescent glow on the skin. Goya, Gainsborough—all the great painters used that soft glow about the face. Latour used a one-candle source, but that was still a soft effect. In painted portraits of men you see a tendency toward more strength through contrast and more texture. The lighting concepts are the same in painted and photographed portraits.

**Are there any professional associations I ought to join?**

Belonging to professional associations does help. It can introduce you to others in your field, and it gives you impressive credentials to put on your wall. Many clients are impressed by sheer credentials as well as your pictures. The Professional Photographers of America is a good group to join. Of course, you ought to investigate ASMP (American Society of Magazine Photographers) if you’re doing portraits for editorial work.

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50 Portrait Lighting Techniques
### FLASHTUBES

- **2400ws Flashtube** (24019)
  - Item # ELFTR2000 .......................... 179.95

- **4000ws Flashtube** (24025)
  - For R3000, R4000.
  - Item # ELFTR4000 .......................... 384.50

- **600ws Plug-In Flashtube** (24029)
  - For EL250C/500C, Style 300/600S.
  - Item # ELFTLTE250C .......................... 81.95

- **Sync Cord**
  - Item # ELSCD ........................... 11074

### CABLES AND CORDS

- **16’ Power Cord** (11055)
  - Fits all Compacts & Prolincas.
  - Item # ELPCEL250 .......................... 14.50

- **16’ Power Cord** (11070)
  - Fits Classic, Micro AS and Digital.
  - Item # ELPCSC ............................. 29.95

- **Sync Cable** (11071)
  - Connects transmitter to camera.
  - Item # ELSFRCSC ................................ 24.95

- **16’ Deluxe Heavy Duty Sync Cord** (11074)
  - With gold plated contacts & 8” coiled strain relief at camera end.
  - Item # ELSCD ................................. 34.95

- **16’ Sync Cord** (11075)
  - Supplied with every power pack and compact unit. A locking ring attaches it securely in place.
  - Item # ELSC ................................. 28.95

- **Extension Sync Cord** (11080)
  - 32” (10m) in length. Accepts any Elinchrom sync cord and then attaches to a power pack or compact unit.
  - Item # ELSE ................................. 63.50

- **Phono Jack Adapter** (11083)
  - Converts Elinchrom-style sync socket to 1/4” phono jack.
  - Item # ELPJF .................................. 43.95

- **15’ (4.6m) Extension Power Cable** (21040)
  - Connects the power pack to the flash head. For all models.
  - Item # ELEC .................................. 183.95

- **Remote Photo Cell** (11081)
  - Extension photo cell on a 16” (5m) cable. Ideal for units placed in light banks or hidden from other light sources.
  - Item # ELRPC ................................. 102.95

### FUSES

- **2.5 amp Fuse** (19003S)
  - For Box 4000.
  - Item # ELF2.5 ............................. 1.50

- **5 amp Fuse** (19007S)
  - For EL250/500, 250R/500R.
  - Item # ELF5 ................................. 1.50

- **6.3 amp Fuse** (19020S)
  - For EL 100/1000.
  - Item # ELF6.3 .............................. 1.95

- **2 amp Fuse** (19032S)
  - For 150W/250W Lamps.
  - Item # ELF2 ................................. 1.50

- **3.15 amp Fuse** (19034S)
  - For 100W Lamp.
  - Item # ELF3.15 ............................. 1.50

### MODELLING LAMPS

- **110W/90V Tungsten Modeling Lamp** (23006)
  - For Mini S, Mini A, Prolincas 125, Prolincas 250, EL Compacts.
  - Item # ELM LE250Q ...................... 8.50

- **150W/120V Halogen Halostar Modeling Lamp** (23019)
  - For Mini S, Mini A, Prolincas 125, Prolincas 250, EL Compacts.
  - Item # ELM LE250 ......................... 16.50

- **200W/120V Halogen Modeling Lamp** (23028)
  - For Mini R, R2000, R3000, R4000.
  - Item # ELM LR2000 ......................... 39.95

- **250W/120V ESS Modeling Lamp** (GBESS)
  - For Style 300S, Style 600S, Style 1200S.
  - Item # ELM LE250R ......................... 36.95

- **250W/120V Halogen Modeling Lamp** (23031)
  - For EL250R, EL500R.
  - Item # ELM LE250R ......................... 36.95

- **650W/120V Halogen Modeling Lamp** (23033)
  - For EL1000, EL1000R, Scanlite 1000.
  - Item # ELM LE1000 ......................... 29.95

- **250W/120V Halogen Modeling Lamp** (GBESS)
  - For Style 300S, Style 600S, Style 1200S.
  - Item # ELM LE250R ......................... 36.95

- **1000W/120V Halogen Modeling Lamp** (GBESS)
  - For Style 300S, Style 600S, Style 1200S.
  - Item # ELM LE1000 ......................... 36.95

### FUSIBLE COMPONENTS

- **3.15 amp Fuse** (19034S)
  - For 100W Lamp.
  - Item # ELF3.15 ............................. 1.50

- **10 amp Fuse** (19038S)
  - For 650W Lamp.
  - Item # ELF10 ............................... 1.50

- **16 amp Fuse** (19067S)
  - For all Packs.
  - Item # ELF16 ............................... 1.50

### REFURBISHED LAMPS

- **110W/90V Tungsten Modeling Lamp** (23006)
  - For Mini S, Mini A, Prolincas 125, Prolincas 250, EL Compacts.
  - Item # ELM LE250Q ...................... 8.50

- **150W/120V Halogen Halostar Modeling Lamp** (23019)
  - For Mini S, Mini A, Prolincas 125, Prolincas 250, EL Compacts.
  - Item # ELM LE250 ......................... 16.50

- **200W/120V Halogen Modeling Lamp** (23028)
  - For Mini R, R2000, R3000, R4000.
  - Item # ELM LR2000 ......................... 39.95

- **250W/120V ESS Modeling Lamp** (GBESS)
  - For Style 300S, Style 600S, Style 1200S.
  - Item # ELM LE250R ......................... 36.95

- **1000W/120V Halogen Modeling Lamp** (GBESS)
  - For Style 300S, Style 600S, Style 1200S.
  - Item # ELM LE1000 ......................... 36.95
The new asymmetrical Vela AS Generator from Hensel has the best performance and smallest dimensions. The ideal partner for any location. The Vela 1500 AS has three easy to use flash head connectors. Full power output is available from the symmetrical ports “A1” and “A2” or additionally, the third port “B” can be used asymetrically. Also, port “B” allows power output level selection of maximum 500Ws, 250Ws or 125Ws. This results in a multitude of different output combinations. The use of capacity switching ensures the stability of color temperature and offers very short flash times. Please note the diagram “asymmetrical modes”. Power regulation is done in precise 1/10 f-stop increments and easy to reproduce! The unit can be regulated over a total range of 6.5 f-stops. Small but powerful is the appearance of the Vela AS in a durable Porty housing which also signals its great mobility. A large digital display shows the selected power levels at all times. Ready to flash in an instant, it can be used world wide with its automatic multi-voltage system. Whether on location or in the studio, durability, mobility, reliability, and precision make the Vela the ideal partner.

**FEATURES**

- Internal coding - Coding of the plug connections guarantees for Head / Generator compatibility.
- “Monitoring” of the Flash Sockets - Flash Current monitoring. At each flash output socket flash release is supervised even when a few generators with several flash heads are used. When “ignition interruptions” occur a failure indication will be released at the corresponding output.
- Pluggable - A micro switch is integrated in each flash socket. It triggers each head only when flash sockets are correctly plugged in.
- Flash Check - When a flash has been triggered, the modeling lamp goes off and lights up again after complete recycling. Correct flashing and flash readiness are thus clearly signalized. Switchable (ON/OFF), with control LED.
- Socket Switching - Each socket can be switched separately and offers a control LED.
- To strike the right note - Audio, switchable, with control LED. Audio frequency assigned via unit address (ID). Therefore a kind of “melody” is possible with selected generators.
- Multivoltage - With multi-voltage technology, automatically, switchable from 115V to 230V.
- Highly Sensitive Photo Slave - Sensitive photo slave, switchable, with control LED. Even when there is an existing strong ambient light source, you’ll achieve perfect sensitivity.
- Built in safety - Where are the spare part fuses? Always close at hand: In the grip rod of the carrying handle.
- Solid - Anodized metal housing.
- Compact - Power Pack full of technology at smallest dimensions.
- Permanent Power - With built-in fan for tougher permanent use. All heads from the Hensel product range with a minimum capacity of 3000Ws can be used.
- Automatic Power Drop System - Internal power reduction when the power is reduced, without flash triggering. During the time of the power reduction, flashing is inhibited. Wrong handling or faulty exposures are no longer possible. Switched off generators are automatically discharged. This protects your eyes and nerves.
- 100% Repeat Accuracy - The items are precisely stabilized at all power stages. Repeat accuracy of the settings is 100% guaranteed by a special adjustment technology. That is a requirement for digital photography.
- Tactile Feedback Push Buttons - High-quality front plate with fluorescent foil for safe handling even in the dark. Under the foil, raised buttons allow for a very agreeable feeling when touching. The foil is nearly indestructible and designed for toughest use.
- Symmetrical mode of operation - When the ports A1 and / or A2 are used the unit operates symmetrically with 47Ws -1500Ws output.
- Asymmetrical mode of operation - Power output is asymmetrically distributed if one of the A ports is used together with the port. Three different power out ratios can be selected: 1000Ws : 500Ws : 1000Ws : 250Ws, 250Ws, and 1000Ws : 125Ws. The power output is adjustable of 1/10 f stop increments.

**SPECIFICATIONS**

- Watts: 1500W
- Aperture at 100 ASA, 6.5’ (2m), EHT 3000 with 12” Reflector: 64.4
- Output Adjustment Flash: 31-1500Ws
- Flash Outlets: 3
- Flash Duration @ t0,5: 1/650 s
- Recharging Min/Max: 115V: 0.2 - 01.3 s
- Recycling Min/Max: 230V: 0.2 - 1.9 s
- Dimensions: 8 x 4.7 x 14.2” (21x12x36cm)
- Weight: 12.4 lbs. (5.6kg).

**VE LA 1500AS KIT**

Vela Digilight Kit 1500AS (7023800)
Kit includes:
1- Vela 1500AS (3800)
2- EHT 3000 Flash Head Minican (1035900)
2- 250W Halogen Model lamps
1- 7’ Reflector (504)
1- Softbag IV (4200)

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549

**VE LA 1500AS**

Vela 1500AS (3800)
Item # HEV1500 ..........1994.95

**PACKS & HEADS**
EHT HEADS - A COMPLETE NEW LINE OF FLASH HEADS FOR DEMANDING EVERYDAY USE

Reflector Quick Change Mechanism

Fixed 3-point mounting with quick change lever. Wide range of reflectors. Integra/Expert compatible.

Outfit

On/Off switch for flash and modeling light. High-quality 16’ (5m) flash cord with low internal resistance for high flash performance. Firmly fixed handle. Robust, compact full-metal housing.

Swivel-tilt device

Completely new designed swivel-tilt device with integrated umbrella receptacle for rod diameters from 5 to 10mm. The device can be tilted approx. 160° and rotated 360° at the base. For special applications there is a second hole in the tripod sleeve which allows to shift the tilting device by 90°.

Focusing (only EHT Heads)

The flash tube and modeling light can be focused over a distance to 128´ (39m). The focusing knob is located at the rear of the flash head. The set focusing range is clearly indicated and reproducible via a scale on the side of the housing.

Plenty of scope for creative light forming (only EHT 3000 Focus).

Protecting Glass

Glass dome clear included in delivery. Optional colored models are available.

Flash Tubes

Plug-in flash tubes (not EHT 6000).

EHT 6000.

Short flash duration and optimal coordination of flash and modeling light thanks to minimal flash tube diameter.

Features

■ Solid metal housing
■ Optimized reflector quick change

EHT 3000 Focus

SPECIFICATIONS

Watts: 3000W
Model Lamp: 250W
Safety Fuse: 4 Af
Fan Cooled: Yes
Multi-voltage: Yes
Focusing: Yes
Pluggable Flash Tube: Yes
Reflector Quick Change Mechanism: Yes
Holding Device for Glass Dome: Yes
Dimensions: 10.2 x 5.4 x 8.3″ (26x13.7x21cm)
Weight: 6.18 lbs. (2.8kg).

EHT 3000

SPECIFICATIONS

Watts: 3000W
Model Lamp: 250W
Safety Fuse: 4 Af
Fan Cooled: Yes
Multi-voltage: Yes
Focusing: Yes
Pluggable Flash Tube: Yes
Reflector Quick Change Mechanism: Yes
Holding Device for Glass Dome: Yes
Dimensions: 10.2 x 5.4 x 8.3″ (26x13.7x21cm)
Weight: 6.18 lbs. (2.8kg).

EHT 6000

SPECIFICATIONS

Watts: 6000W
Model Lamp: 250W
Safety Fuse: 4 Af
Fan Cooled: Yes
Multi-voltage: Yes
Focusing: No
Pluggable Flash Tube: Yes
Reflector Quick Change Mechanism: Yes
Holding Device for Glass Dome: Yes
Dimensions: 10.2 x 5.4 x 8.3″ (26x13.7x21cm)
Weight: 6.18 lbs. (2.8kg).

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**HENSHEL REFLECTORS AND ACCESSORIES**

**REFLECTORS**

- **Short Soot Reflector** (793) - For hair and rim lights. Very focused light eliminates flare problems with the camera. Narrow coverage with sharp transition between, at the edge of the light circle.
  - Item # HERSS ...................80.00

- **Narrow Soot Reflector** (92) - Similar to 793 but narrower beam.
  - Item # HERNS ....................93.00

- **AC Soft Reflector White** (86) - The classic beauty dish. Soft and warm indirect light for portrait, glamour and beauty work. 16.5 diameter. A grid for narrowing the beam is available as an accessory.
  - Item # HERACSW ..............179.00

- **AC Soft Reflector Silver** (8601) - The classic beauty dish with a new look. The silver surface gives it a much more brilliant light which creates soft shadows at the same time. Large coverage. Perfect for fashion beauty and product shots for amazing color saturation.
  - Item # HERACSS ..............179.00

- **Umbrella Flood Reflector** (87) - Gets the highest efficiency out of umbrellas without spilling light to the sides. Large but very controlled coverage. Because of this it can also be used as a wide angle reflector for direct illumination or indirect bouncing light from ceilings or walls.
  - Item # HERUF .................47.95

- **Backlight Reflector** (156) - Ideal for backgrounds. Especially in case of small spaces. Very efficient. Filter holder for color gels.
  - Item # HERBL .................138.95

- **Long Horn Reflector Silver** (5050) - The reflector with the narrowest beam and the highest efficiency. Coverage is approx. 30°. Throws light even over longest distances. Strong hotspot to the center creates hard light for brilliant highlights and deep sharp shadows. Accessories available are a frame to hold barndoors and filter holders. These reflectors are also available with white inner surfaces for a warmer softer light quality.
  - Item # HERLH .................100.00

- **7˝ Reflector** (504) - Compact and handy with even light distribution. Medium coverage of approx. 70°. With dip in 7 inch grids (fits most manufacturers 7˝ grids) beam is adjustable from 10 to 40°. With the adapter frame the grid reflector can be used with barn doors and filter gels which can be attached with the filter holder.
  - Item # HER7 ...................69.00

- **9˝ Reflector Small 70°** (5060) - Reflector with 9˝ diameter. Has a wide beam, and takes round 9˝ grids. Very even with smooth falloff to the edges.
  - Item # HER970S ...............74.95

- **9˝ Reflector Medium** (5061) - A real standard reflector for universal use with a medium coverage of approx. 50° and slight hotspot to the center. A large variety of accessories gives maximum control over the light. Accessories available are a frame to hold filters, square grids and barndoors. Filter gels can be changed with the filter holders without detaching barndoors or grids.
  - Item # HER950M ..............69.00

- **9˝ Reflector Large 30°** (5062) - Reflector with 9˝ diameter. Has a narrow beam, and takes round 9˝ grids. Very even with smooth falloff to the edges.
  - Item # HER930L ..............83.00

- **9˝ Reflector Set Only** (5064) - Consists of: 1-Reflector small, medium, and large.
  - Item # HER95 .................180.00

- **12˝ Maxi Soft Reflector Silver** (9601) - Larger than standard reflector with medium to narrow beam of approx. 50°. and stronger hotspot to the center. Very efficient. Same accessories as standard reflector only larger to fit the 11.5˝ diameter of this reflector.
  - Item # HER912 ...............89.00

**ACCESSORIES**

- **Adapter** (5043) - For use with 504 7˝ Grid Reflector Required to attach barndoors and filter holders.
  - Item # HPEAR7 ...............86.00

- **Adapter Attachment Frame** (5053) - For use with 5050 Long Horn Reflector Required to attach barndoors and filter holder.
  - Item # HEARLH ...............50.00

- **Filter Holder** (5042) - For use with 5043 adapter and 50 7˝ grid reflector.
  - Item # HEFHR7 ...............26.00

- **Filter Holder** (5042) - For use with 90 Basic Frame with Filter Holder.
  - Item # HEFHR9 ...............39.00

- **Basic Frame with 1 Filter Holder** (112) - For use with 9601 12˝ Reflector.
  - Item # HEFR12 ...............117.00

- **Basic Frame with 1 Filter Holder** (90) - For use with all 9˝ Reflector.
  - Item # HEFR9 .................103.00

- **Color and Diffusion Filter Set** (179) - Heat resistant set of 6 color and 4 diffusion filters for use with 12˝ Reflector.
  - Item # HECDFSR12 ..........103.00

- **Color and Diffusion Filter Set** (712) - Heat resistant set of 6 color and 4 diffusion filters for use with all 9˝ Reflector.
  - Item # HECDFSR9 ..........53.00
### HONEYCOMB GRIDS

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<thead>
<tr>
<th>Item #</th>
<th>Grid - Size</th>
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<tbody>
<tr>
<td>HEG1S</td>
<td>1 Silver</td>
<td>60.00</td>
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<tr>
<td>HEG1SR</td>
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<td>60.00</td>
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<tr>
<td>HEG1SR4</td>
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<td>HEG29</td>
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<td>HEG39</td>
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<tr>
<td>HEBD4R</td>
<td>7˝</td>
<td>69.95</td>
</tr>
<tr>
<td>HEBD4R9</td>
<td>9˝</td>
<td>87.00</td>
</tr>
<tr>
<td>HEBD4R12</td>
<td>12˝</td>
<td>97.00</td>
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### SO FTBO XES

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<th>Item #</th>
<th>Box Type</th>
<th>Price</th>
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<tbody>
<tr>
<td>HESRLB</td>
<td>Octoform Lightbox 3x3’ without Adapter</td>
<td>321.00</td>
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<tr>
<td></td>
<td>Octoform Lightbox 5x5’ without Adapter</td>
<td>393.00</td>
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### FLASH, MODEL LAMPS AND GLASS DOMES

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<th>Item #</th>
<th>Lamp Type</th>
<th>Price</th>
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<tbody>
<tr>
<td>HEDCETP</td>
<td>Clear uncoated</td>
<td>79.00</td>
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<tr>
<td>HECETP</td>
<td>Hard light, apprx 300K</td>
<td>97.00</td>
</tr>
<tr>
<td>HEDCETP</td>
<td>Clear 2 coating, apprx 600K</td>
<td>97.00</td>
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<td>HEDCETP</td>
<td>White frosted+coated. Softer warmer than clear dome.</td>
<td>97.00</td>
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<td>HEDCETP</td>
<td>W hite frosted+coated. Softer warmer than clear dome.</td>
<td>97.00</td>
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<td>HEDCETP</td>
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<td>HEDCETP</td>
<td>Clear frosted+coated. Softer warmer than clear dome.</td>
<td>97.00</td>
</tr>
</tbody>
</table>

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**Honeycomb Grid Holder**
- For use with 12” reflector.
- Item # HEGHR12: 60.00

**Honeycomb Grid Holder**
- For use with all 9” reflectors.
- Requires #90 Basic Frame.
- Item # HEGHR9: 53.00

**Round Honeycomb Grid Set**
- For 7” reflector. Set of 3 grids.
- Item # EGSR7: 138.95

**Honeycomb Grid**
- For use with 7” reflector.
- Item # HEG20: 53.00

**Honeycomb Grid**
- For use with 7” reflector.
- Item # HEG30: 53.00

**Honeycomb Grid**
- For use with 7” reflector.
- Item # HEG40: 53.00

**10° Single Honeycomb Grid**
- For use with 7” reflector. Not in set.
- Item # HEG10: 60.00

**Honeycomb Grid Set**
- for 12” reflector.
- Item # HEGSR12: 457.00

**Grid - Size 1 Silver**
- for 12” reflector.
- Item # HEG1SR12: 74.00

---

**4-Wing Barndoor**
- 5041:
  - For 7” reflector.
  - Item # HEBD4R7: 69.95
- 5051:
  - For Long Horn reflector.
  - Item # HEBD4RLH: 86.00

**4-Wing Barndoor**
- 97:
  - For 12” reflector.
  - Item # HEBD4R12: 87.00
- 173:
  - For 9” reflector.
  - Item # HEBD4R9: 79.00

---

**Octoform Lightbox Silver 3x3’ without Adapter**
- Item # HEOFLB3S: 321.00

**Octoform Lightbox Silver 5x5’ without Adapter**
- Item # HEOFLB5S: 393.00

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**300W Model Lamp f/Integra 500**
- Item # HEMLIC: 19.95

**50W Modeling Lamp for Porty Heads (185)**
- Item # HEMLIC: 12.95

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**Spare Flashtube f/Integra (8458401)**
- User replaceable. UV coated.
- Item # HFTUV150: 56.00

**Spare Flashtube for EHT Porty Plug In (8449951)**
- User exchangeable. Plugs in without the use of any tools.
- Item # HFTETHP: 136.00

**Spare Flashtube f/EH Head (8449920)**
- For EH 1200C Head.
- Item # HFTEH1200: 107.00

---

**Glass Dome f/EHT Heads (9456440)**
- Item # HEDCEHTP: 97.00

**Glass Dome f/EHT Heads (9456441)**
- Harder light, apprx 300K warmer than uncoated clear dome.
- Item # HEDC300EHTP: 97.00

**50W Modeling Lamp for Porty Heads (185)**
- Item # HEMLIC: 12.95

**Spare Flashtube f/Integra 500**
- Item # HEDF1500: 59.95

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**Spare Flashtube f/Integra 500**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra 500**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra 500**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra 500**
- Item # HEDF1500: 59.95

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**Spare Flashtube f/Integra (8454639)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454640)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454641)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454642)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454643)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454644)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454645)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454646)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454647)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454648)**
- Item # HEDF1500: 59.95

**Spare Flashtube f/Integra (8454649)**
- Item # HEDF1500: 59.95

---

**FLASH, MODEL LAMPS AND GLASS DOMES**

**Glass Dome f/EHT Heads**
- (9456440)
- Item # HEDF600EHTP: 97.00

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**HENSEL**

**Packs & Heads**
SERIES 900 POWER SUPPLIES

P12/12
Ideal for location portraiture, and small product photography. The range on one light is from 1200 w/s to 18 w/s via infinite sweep adjustments. Control options are numerous, including symmetrical and asymmetrical light distribution. The automatic switching 115/230V circuit enables the P12/12 to operate anywhere in the world.

P24/24 - rev 2
Norman’s best seller and most versatile commercial power supply. The “Rev 2” improvements include a 33% faster recycle time (2k sec. at 2400 w/s and 3/10 sec. at 400 w/s) and “Soft Start” recycling.

P40/40 - rev 2
Rev 2 improvements include a 20% faster recycle time, built in photo eye (switchable), built-in ready beep signal (switchable) and “Soft Start” recycling. It has the unique self-programming “Smart Alarm” which tracks the operation of each light with audible and visual indicators. A totally modular power supply, having almost no wiring.

Features
- 1200 w/s
- 2 power channels
- 4 lamphead outlets
- 5 stop power trim in 1/10th stop increments
- Modeling light full or ratio to flash output
- Built-in photo eye (switchable)
- Audio ready (switchable)
- Cooling fan
- Symmetrical/Asymmetrical
- 115/230 auto switch

Specifications
- Recycling Time:
  Full power: 2 sec.
  1/2 power: 1 sec.
  1/4 power: 6/10 sec.
  1/8 power: 1/3 sec.
- Weight: 12 lbs. (5.4kg)
- Dimensions: 8 x 7 x 7” (H/L/W) (20.3x17.8x17.8cm)
- Circuit Breaker: 15 amp (115V) 10 amp (230V)

Features
- 2400 w/s
- 3 power channels
- 6 lamphead outlets
- 5 stop power trim in 1/10th stop increments
- Modeling light full or ratio to flash output
- Built-in photo eye (switchable)
- Audio ready (switchable)
- Cooling fan
- Symmetrical/Asymmetrical

Specifications
- Recycling Time:
  Full power: 2.25 sec.
  1/2 power: 1 sec.
  1/4 power: 6/10 sec.
  1/8 power: 1/3 sec.
- Weight: 18.75 lbs. (8.5kg)
- Dimensions: 9 x 13 x 6.5” (H/L/W) (22.9x33.0x16.5cm)
- Circuit Breaker: 15 amp (115V)

Features
- 4000 w/s
- 2 power channels
- 4 lamphead outlets
- 5.5 stop power trim in 1/10th stop increments
- Modeling light full or ratio to flash output
- Built-in photo eye (switchable)
- Audio ready (switchable)
- Cooling fan
- Symmetrical/Asymmetrical

Specifications
- Recycling Time:
  Full power: 2.25 sec.
  1/2 power: 1 sec.
  1/4 power: 6/10 sec.
  1/8 power: 1/3 sec.
- Weight: 28 lbs. (12.7kg)
- Dimensions: 10 x 12.75 x 7” (H/L/W) (25x32.3x18cm)
- Circuit Breaker: 15 amp (115V)

P12/12
P12/12 Power Supply 1200 w/s (P1212) Item # NOP1212 ............1485.00

P24/24
P24/24 Power Supply 2400 w/s (P2424REV2) Item # NOP2424 ..........2128.00

P40/40
P40/40 REV 2 Power Supply 4000 w/s (P4040REV2) Item # NOP4040Q ......2406.00
These two work-horse power supplies have become industry standards. They have been produced since 1972 and have remained popular ever since with their reputation for reliability.

### SERIES 900 LAMPHEADS

<table>
<thead>
<tr>
<th>Lamphead</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illuminator Studio Head (IL2500)</td>
<td>Plug in the FQ5-UV flashtube and use the Illuminator with all studio reflectors. Spring pin mounted reflectors are “type 1” and the Illuminator precision-mounted reflectors are “type 2”. Both types fit the Illuminator.</td>
<td>NOIL2500</td>
<td>420.00</td>
</tr>
<tr>
<td>Illuminator Compact Travel Head (IL2500-TC)</td>
<td>This head utilizes the unique FQ5-TC “Tube in a Can” 5˝ reflector/flashtube assembly, which boosts the light 7/10 stop over the standard 5DL 5˝ reflector. The angle of coverage is 100°. It accepts all Norman 5˝ barndoors, grids, gels etc. and is cool to touch even in the most severe shooting conditions.</td>
<td>NOIL2500TC</td>
<td>482.00</td>
</tr>
<tr>
<td>LH2000 Lamphead (LH2000)</td>
<td>Same as above with blower.</td>
<td>NOLH2000</td>
<td>314.95</td>
</tr>
<tr>
<td>LH2000 Lamphead (LH2000B)</td>
<td>Same as above with blower.</td>
<td>NOLH2000B</td>
<td>395.95</td>
</tr>
<tr>
<td>LH4000 High Power Lamphead (LH4000)</td>
<td>Delivers up to 5000 w/s per flash. It utilizes an FQ4-UV dual helix flashtube and two 20’ (6.1m) lamphead cables that connect to one or two power supplies. The dual helix flashtube delivers a flash duration that is twice as fast as the Illuminator and LH 2000 heads. A 2000 w/s lamphead provides 1/1000 sec. duration, and the LH 4000 provides 1/2000 sec. thereby freezing higher-speed action. By connecting the lamphead cables to two P24/24 power supplies you will get 4800 w/s. The LH 4000 is thermostat protected and is invaluable for all applications.</td>
<td>NOLH4000</td>
<td>679.00</td>
</tr>
</tbody>
</table>

### FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>P800D Power Supply</th>
<th>P2000D Power Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>800 w/s</td>
<td>80 w/s (P800D)</td>
<td>200 w/s (P2000D)</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Recycling Time</td>
<td>800w/s: 1 sec.</td>
<td>2000w/s: 2 sec.</td>
</tr>
<tr>
<td>Weight</td>
<td>15 lbs. (6.8kg)</td>
<td>29 lbs. (13.2kg)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>9 x 9 x 7˝ (HLW)</td>
<td>11 x 13.5 x 6.5˝ (HLW)</td>
</tr>
<tr>
<td>Circuit Breaker</td>
<td>15 amp (115V)</td>
<td>15 amp (115V)</td>
</tr>
</tbody>
</table>
SERIES 500 POWER SUPPLIES

Designed to take the pounding of school photography where the equipment is worked hard, day in and day out. Yet, it is versatile enough for the discriminating studio photographer.

P808M

This pack has four lamphead channels with independent controls for each light: 50, 100, 200 w/s or “off”. It has an audible alarm that warns in the event of a lamphead misfire. Each light has output options of 50, 100, 200, 400, 600 and 800 w/s. Now all 800 w/s are available on one lamphead for group photography (requires the LH500+ lamphead).

P808M/TLC

Ideal for high volume School, Store, and Pet photographic applications. The TLC (Tone Light Control) provides an easy and consistent means of adjusting light for variances in skin tone via the remote TLC-10 controller. Accidental switching is prevented by five guards that are located above each power control switch.

P404 BASIC

The flash output is adjustable over a 4-stop range (25 to 400 w/s), and the modeling lamp automatically tracks the flash (switchable). Can be used effectively with a digital or silver halide camera. The P404 makes a great small product table-top or flat art copy system, by using two LH52 lampheads with 2D-RP white diffused reflectors.

404RB RATIO BOX

Provides a 300 ws main and 50ws background light, while allowing a 4-stop adjustment without disturbing the ratio. The 404RB attaches to the P404 power supply with Velcro, included.

Item #NO404RB ..........82.95

LIGHTING Q&A

Should I buy painted backgrounds and props when I start?

Painted backgrounds can look very phony if you don’t use them correctly. A roll of seamless paper is just fine. The use of props has become fairly passe. Keep props to a minimum—for example, a pen for an executive and a baseball for a young boy. Don’t let props or backgrounds dominate the shot. In Victorian times, painted backdrops were very popular, and they were used up until recently. Backdrops, ideally, should look like out-of-focus outdoor scenes, if anything. They should never distract from the subject of the portrait.
Our eyes see greater tonal range variations than are reproduced, and photo lithography condenses the range further. This is more pronounced when printing dark tones because photographic paper and lithographic printing have less latitude in this area. Hence, custom lab work is generally required to compensate. The TLC (Tone Light Control) provides an easy and consistent means of adjusting light for variances in skin tone via the TLC-10 controller.

TLC-10 Controller (TLC10)
Adjusts the output of the fill light by the push of a button, to compensate for light, medium and dark skin tones. It automatically returns to “Homebase” after each flash. Attaches to the camera with Velcro and is interconnected to the P808m/TLC power supply with an 8’ (2.4m) phone cord which is supplied.

Item # NOCTLC ........................................... 129.95

Sync Cord for TLC-10 to Camerz ZIII (20”) (R1203)
Item # NOSCTLCCZ320 ... 52.50

TLC Controller Cable (TLC102)
TLC controller with cable-camera cam sync outlet.
Item # NOCTLCCZ220 ...... 52.50

TLC Controller Cable (TLC103)
TLC Straight cord 8’ (2.4m).
Item # NOCTLCCZ8 .......... 9.95

TLC10-2 Controller (TLC102)
TLC-10 controller for P808M with camera cord.
Item # NOCTLCCTBC ........... 44.95

TLC Controller Cable (R1200)
to Twin-Blade Fem.
Item # NOCTLCCTBC ........... 44.95

SERIES 500 LAMHEADS

LH500 Studio Lamphead (LH500)
This basic 600 w/s lamphead is a low-cost alternative where fan cooling is not required. It comes with a 20’ (6.1m) cable, FT6-UV flashtube and 205W quartz modeling lamp.
Item # NOLH500 .......... 214.95

LH500B Studio Lamphead (LH500B)
Similar to the LH 500+ but has a cooling fan.
Item # NOLH500B .......... 286.00

LH52-Window Studio Lamphead (LH52)
Has an AC outlet for the 20” modeling light reflector and a 20” (6.1m) cable. For the AC power supplies, and battery portables. Can be used bare bulb or with a range of reflectors.
Item # NOLH52 .......... 182.00

LH52K Portable Lamphead (LH52K)
Same basic lamphead as LH 52-type 2 but with coiled cord.
Item # NOLH52K .......... 269.00

LH52KM Portable Lamphead (LH52KM)
Same basic lamphead as the LH 52-type 2, but comes with UV model lamp and coiled cord.
Item # NOLH52KM .......... 269.00

SPECIFICATIONS

Recycling Time:
Full power: 2 sec.
1/2 power: 1 sec.
1/4 power: .75 sec.
1/8 power: .5 sec.

Weight:
10 lbs. (4.5kg)

Dimensions:
7 x 8.7 x 7” (HLW)
(17.8x22.1x17.8cm)

Circuit Breaker: 15 amp

FEATURES

■ 1200 w/s
■ 4 lamphead outlets (individual controlled)
■ Misfire alarm
■ Modeling light full or ratio to flash output
■ Symmetrical/Asymmetrical
■ Utilizes TLC Controller

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
**SERIES 900/500 REFLECTORS**

5DL Type-1 Reflector (5DL)
Norman’s best umbrella reflector. Its compact 5” diameter makes it great for location work, and its 130° coverage is nice for lighting backgrounds. The output gain is 1/2 stop over bare bulb. Used with LH500, LH2000, LH2400, LH4000 and IL2500 adapted with R9112 adapter ring.
Item # NOR5LH4 ............31.00

5DL Type-2 Reflector (5DL2)
Same as above, but used only with Illuminator heads.
Item # NOR5IL2500 .......34.95

5DL-RP Type-1 Reflector (5DLRP)
This 5˝ reflector includes an RP-1 Diffusion Dome which softens the light and integrates the flashtube and modeling lamp for accurate previewing. This is especially handy when using barndoors, grids and snoots. What you see with the modeling light is precisely what you get with the flash. Coverage is 130°. It requires fan cooling if quartz modeling is utilized. Used with LH500, LH2000, LH2400, LH4000 and IL2500 adapted with R9112 adapter ring.
Item # NOR5DDLH4 ......59.95

5DL-RP Type-2 Reflector (5DLRP2)
Same as above, but used only with Illuminator heads.
Item # NOR5DDIL2500 ..64.95

5E Type-1 Reflector (5E)
A 10˝ diameter general purpose reflector that accepts all Norman 10˝ accessories. Produces a 2-1/10 stop output gain over bare bulb. Its new textured reflecting surface improves coverage to 65°, while maintaining high light output. Used with LH500, LH2000, LH2400, LH4000 and IL2500 adapted with R9112 adapter ring.
Item # NOR10LH4 ..........44.00

5E Type-2 Reflector (5E2)
Same as above, but used only with Illuminator heads.
Item # NOR10IL2500 ......44.95

5E-RP Type-1 Reflector (5ERP)
Includes an RP1 Diffusion Dome, which softens the light and integrates the flashtube and modeling lamp for accurate previewing. The 5ERP is especially handy for assignments such as low-key portraiture where you want a relatively hard key light to bring out skin texture. Coverage is 80°. Used with LH500, LH2000, LH2400, LH4000 and IL2500 adapted with R9112 adapter ring.
Item # NOR10DDLH4 .......77.50

5W Type-1 Reflector (5W)
A 16˝ white portrait reflector that provides a nice blend of high-output and lighting softness. It produces a 1-stop gain over bare bulb and about 2 1/2 to 3 stops more light than a softbox of comparable size. Its uses include portrait, fashion and portrait applications. Used with LH500, LH2000, LH2400, LH4000 and IL2500 adapted with R9112 adapter ring.
Item # NOR16LH4 ........78.95

5W-RP Type-1 Reflector (5WRP)
Same as the 5W, but with the RP1 Diffusion Dome, providing 80° of coverage. Used with LH500, LH2000, LH2400, LH4000 and IL2500 adapted with R9112 adapter ring.
Item # NOR16DWLH4 ..104.50

5X Type-1 Reflector (5X)
A 22˝ white reflector that produces a beautiful and controllable soft light that bounces from the “saucer” into the reflecting surface. It produces 4/10 stop less light than a bare bulb, with 130° coverage, and about 1 stop more light than a softbox of comparable size. Its uses include portrait, fashion and portrait applications. Used with LH500, LH2000, LH2400, LH4000 and IL2500 adapted with R9112 adapter ring.
Item # NOR22LH4 ..........109.95

5U Type-1 Reflector (5U)
The 9˝ reflector is the hottest output reflector in the Norman line, making it ideal for use with bounce flash as it produces a 2½ stop gain over bare bulb. It’s nine inches in diameter with a 55° coverage. Used with LH500, LH2000, LH2400, LH4000 and IL2500 adapted with R9112 adapter ring.
Item # NOR9LH4 ........49.50

5U Type-2 Reflector (5U2)
Same as above, but used only with Illuminator heads.
Item # NOR9IL2500 .......57.50

Snoot (5C)
Used with LH500, LH2000, LH2400, LH4000 and IL2500 adapted with R9112 adapter ring.
Item # NOSLH4 ................37.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
**Norman Reflectors Accessories**

### BARNDOORS, FILTER FRAMES, HOLDERS AND GELS

- **4-Wing Barndoors (BD45)**
  - Item # NOBD5 .................................. 64.95
  - for 5˝ reflectors.
- **4-Wing Barndoors (BD410)**
  - Item # NOBD10 ................................. 99.95
  - for 10˝ reflectors.
- **4-Wing Barndoors (BD416)**
  - Item # NOBD16 ................................ 104.95
  - for 16˝ reflectors.
- **5˝ Filter Frame Holder (FFH5)**
  - to hold the 5˝ filter frame.
  - Item # NOFFH5 ................................. 34.95
- **10˝ Filter Frame Holder (FFH10)**
  - to hold the 10˝ filter frame.
  - Item # NOFFH10 ............................. 38.50
- **16˝ Filter Frame Holder (FFH16)**
  - to hold the 16˝ filter frame.
  - Item # NOFFH16 .............................. 38.00

### Color Gel Packs

A pack of seven gels consisting of:
- #02 Bastard Amber (provides a healthy suntan look)
- #08 Pale Gold (for a slight warming effect)
- #12 Straw Yellow
- #20 Medium Amber (simulates a fire or sunset)
- #26 Light Red
- #80 Primary Blue
- #89 Moss Green

Other colors can be created by stacking gels.

- **5˝ Color Gel Pack (CG5)**
  - Item # NOCGS5 ............................... 16.50
- **10˝ Color Gel Pack (CG10)**
  - Item # NOCGS10 ............................. 36.90
- **16˝ Color Gel Pack (CG16)**
  - Item # NOCGS16 ............................... 57.95

### GRIDS

Norman has both round and square grids. The round grids come in 7.5, 15, 30 and 40° coverage. They are available in 1/2˝ and 1˝ thickness. They’re ideal for hair and accent lighting. Enables you to pinpoint the light for a desired effect. The square grid permits diffusion to be placed behind the grid thereby keeping the grid spot intact (fan cooling required).

- **Square, 15˝ Grid (G45)**
  - Item # NOG5 .................................... 67.50
- **Square, 30˚ Coarse Grid (G10C)**
  - Item # NOGC10 ................................. 74.95
- **Square, 7/8˝ Fine Grid (G10F)**
  - Item # NOGF10 ................................ 82.95
- **Round, 22˝ 15˝ Grid (G22)**
  - Item # NOG22 .................................. 178.95
- **Round, 5˝ 40° 1/2˝ Thick Grid (G5540)**
  - Item # NOG5540 ............................. 30.00
- **Round, 5˝ 30° 1/2˝ Thick Grid (G5530)**
  - Item # NOG5530 ............................. 34.95
- **Round, 5˝ 15° 1/2˝ Thick Grid (G5515)**
  - Item # NOG5515 ............................. 37.95
- **5˝ Grid Set (GSS5)**
  - Includes three round 5˝ 1/2˝ thick grids: 15°, 30° and 40°.
  - Item # NOG5516 .............................. 99.95
- **Round, 5˝ 30° 1˝ Thick Grid (G5130)**
  - Item # NOG5130 ............................. 32.95
- **Round, 5˝ 15° 1˝ Thick Grid (G5115)**
  - Item # NOG5115 ............................. 34.95
- **Round, 5˝ 7/8˝ 1˝ Thick Grid (G5175)**
  - Item # NOG5175 ............................. 36.95
- **5˝ Grid Set (GSS1)**
  - Includes three round 5˝ 1˝ thick grids: 7/8˝, 15° and 30°.
  - Item # NOG5517.5 ........................... 99.95
  - **5˝ Grid Holder (GH5)**
    - Item # NOGH5 ............................... 34.50
  - **10˝ Grid Holder (GH10)**
    - Item # NOGH10 .............................. 49.95
  - **10˝ 20˝ Grid Holder (GH20)**
    - Item # NOGH20 .............................. 64.95
  - **10˝ 30˝ Grid Holder (GH30)**
    - Item # NOGH30 .............................. 78.95
  - **10˝ 40˝ Grid Holder (GH40)**
    - Item # NOGH40 .............................. 99.95

### OTHER ACCESSORIES

- **1-800-947-9941**

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### Spotlights

**FS10 Fresnel Spotlight (FS10)**
Provides the drama of theatrical lighting. You can control the mood or add localized light to emphasize subject detail. It has a 10" Fresnel Lens. The housing is a high quality Bardwell McAlister "Junior Spotlight". It produces a brilliant, even light with a long throw and a controllable beam. The focus is very smooth with only a 1/4 turn from flood to spot. Light output is f/22 flood, and f/32 spot (ISO 100, 10 feet (3.0m) @ 2000 w/s). The flashtube is an FQ20 UV and comes with a 250W quartz modeling lamp. The FS10 has a 1 1/8" spud (included) for mounting to a 1 1/8" cine stand.

*Item # NOFS10 ............ 1063.95*

Opens a new world of creativity. It performs 3 functions; Focusing spot, Optical flash projector and Pinpoint light source. The front lens is a 4" f/2.8 flat field projection type that is interchangeable with most Kodak Carousel projector lenses, including zooms. The light output is f/8.5 (ISO 100, 10 feet @ 2000 w/s) at any iris setting.

*Item # NOTL2000 ........... 984.95*

**DeCapua Light Hose (DC1)**
Attaches to the front of the Tri-Lite. Comes with several light-shaping attachments. Great for painting with light.

*Item # NOLHTL2000 ....... 334.95*

### Lightstands and Booms

- **Back Light Stand (LS220)**
  Mounts the light near the floor, or with the telescoping post (included) up to 4 1/2" from the floor.
  *Item # NOLSB .......... 39.95*

- **"Mini-Compact" Stand (LS222)**
  Ideal for location photography. Has 19" legs (4-section).
  Max. height: 7'.
  *Item # NOLSMC ............ 62.95*

- **General Purpose Stand (LS224)**
  Most popular stand. Has 27" legs for solid support. (3-section).
  Max. height: 8'.
  *Item # NOLSC .......... 60.95*

- **Master Stand (LS224W)**
  Same as above, with WH-1 Wheel Set.
  *Item # NOLS M R ........ 94.95*

- **Master Stand (LS226W)**
  Heavy duty, but lightweight.
  Ideal for holding backgrounds and heavy lights.
  Max. height: 13'.
  *Item # NOLSM ........... 103.95*

- **Wheel Set (WH1)**
  for LS222 and LS224 Stands.
  *Item # NOWSLS224 ........ 39.95*

- **Wheel Set (WH2)**
  for LS226 Stands.
  *Item # NOWSLS226 ........ 39.95*

- **Master Stand (LS226W)**
  Same as above, with WH-2 Wheel Set.
  *Item # NOLS M R ........ 139.95*

- **Wheel Set (WH1)**
  for LS222 and LS224 Stands.
  *Item # NOWSLS224 ........ 39.95*

- **Wheel Set (WH2)**
  for LS226 Stands.
  *Item # NOWSLS226 ........ 39.95*

- **Boom Arm (LS230)**
  Norman’s most popular boom. Ideal for portrait and commercial work where strength and portability are required. Disassembles with an Allen wrench (included) to three sections of 24 1/2" each.
  Max. height: 7'. Includes detachable ballast weight.
  Total weight is 14 1/4 lbs. (6.7kg)
  *Item # NOBA .............. 85.95*

- **Super Boom/Stand Assembly (LS234)**
  Norman’s finest boom arm. The dual crank controlled (lateral and vertical tilts) from the floor end of the boom. Saves having to use a ladder to adjust the light. Includes a steel cine stand with wheels. Extends the light from the floor to about 12’ (3.6m). Weight is 49 lbs. (22kg).
  *Item # NOBS .............. 426.50*
### LIGHTSTANDS ACCESSORIES

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<tr>
<th>Item #</th>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOFQ4</td>
<td>1/2&quot; Insert (12INSERT) for R4108/R4130 Stand Adapter.</td>
<td>FQ4</td>
<td>4.95</td>
</tr>
<tr>
<td>NOFQ3</td>
<td>3/8&quot; Insert (38INSERT) for R4108/R4130 Stand Adapter.</td>
<td>FQ3</td>
<td>4.95</td>
</tr>
<tr>
<td>NOQTS6</td>
<td>5/8&quot; Insert (58INSERT) for R4108/R4130 Stand Adapter.</td>
<td>TS6</td>
<td>4.95</td>
</tr>
</tbody>
</table>

### CABLES

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOPCS450</td>
<td>AC Power Cable for Series 450.</td>
<td>450</td>
<td>13.95</td>
</tr>
<tr>
<td>NOPCS550</td>
<td>AC Power Cable for Series 550.</td>
<td>550</td>
<td>13.95</td>
</tr>
<tr>
<td>NOPCS900</td>
<td>AC Cable for Series 900.</td>
<td>900</td>
<td>13.95</td>
</tr>
<tr>
<td>NOACC</td>
<td>12&quot; AC Cable for Molding Lamp.</td>
<td>ACC</td>
<td>12.50</td>
</tr>
<tr>
<td>NOACCML2</td>
<td>12&quot; AC Cable with Molding Lamp.</td>
<td>ACCML2</td>
<td>14.95</td>
</tr>
<tr>
<td>NOYN</td>
<td>&quot;Y&quot; Cable for Series 450.</td>
<td>YN</td>
<td>89.95</td>
</tr>
<tr>
<td>NOYCS450</td>
<td>&quot;Y&quot; Cable for Series 550.</td>
<td>YCS450</td>
<td>84.50</td>
</tr>
<tr>
<td>NOYCS900</td>
<td>&quot;Y&quot; Cable for Series 900.</td>
<td>YCS900</td>
<td>99.95</td>
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</table>

### FLASHTUBES

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOFT120</td>
<td>250 w/s UV Flashtube (FT120) Used with LH 2, LH 4, LH 450.</td>
<td>FT120</td>
<td>37.95</td>
</tr>
<tr>
<td>NOFQ3</td>
<td>5000 w/s UV Flashtube (FO4) Used with LH 4000.</td>
<td>FO4</td>
<td>253.95</td>
</tr>
<tr>
<td>NOFT1250</td>
<td>2500 w/s UV Flashtube (FO5) Used with LH 2500.</td>
<td>FO5</td>
<td>159.95</td>
</tr>
<tr>
<td>NOFT2500-TC</td>
<td>2500 w/s UV Flashtube (FO5TC) Used with LH 2500-TC.</td>
<td>FO5TC</td>
<td>179.50</td>
</tr>
<tr>
<td>NOFT400</td>
<td>600 w/s UV Flashtube (FT6) Used with LH 4000, LH 500.</td>
<td>FT6</td>
<td>64.95</td>
</tr>
<tr>
<td>NOFT1200</td>
<td>1200 w/s Flashtube (FT16) Used with LH 1200, LH 500+.</td>
<td>FT16</td>
<td>81.95</td>
</tr>
<tr>
<td>NOFT4000</td>
<td>400 w/s UV Flashtube (FT4000) Used with LH 52, LH 54, TL500.</td>
<td>FT4000</td>
<td>52.50</td>
</tr>
</tbody>
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### UMBRELLAS

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<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOUF30W</td>
<td>30’ White Umbrella (WB30) Round/Bounce.</td>
<td>UF30W</td>
<td>37.95</td>
</tr>
<tr>
<td>NOUF45WQ</td>
<td>45’ White Umbrella (WB45) Round/Bounce.</td>
<td>UF45WQ</td>
<td>43.50</td>
</tr>
<tr>
<td>NOUF60W</td>
<td>60’ White Umbrella (WB60) Round/Bounce.</td>
<td>UF60W</td>
<td>51.00</td>
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</tbody>
</table>

### MODELING LAMPS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOMLLH2400X</td>
<td>25W Clear Modeling Lamp for LH 4, LH 4A, LH 54.</td>
<td>LH2400X</td>
<td>4.50</td>
</tr>
<tr>
<td>NOMLLH2400XQ</td>
<td>150W/230V Modeling Lamp (JD1079) for LH 2000, LH 2400, LH 4000, LH 500+ and LH 500.</td>
<td>LH2400XQ</td>
<td>64.50</td>
</tr>
</tbody>
</table>

### PHOTO EYES

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOPE</td>
<td>Photo Eye (PE4) A general purpose, low cost, photo eye.</td>
<td>PE4</td>
<td>26.95</td>
</tr>
<tr>
<td>NTE1</td>
<td>Tiger Eye Photo Eye (NTE1) Operates in direct sunlight up to 300’ (91m).</td>
<td>NTE1</td>
<td>59.95</td>
</tr>
</tbody>
</table>

### ACCESSORY

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOBC</td>
<td>Camera Bracket (RH101) Mounts the LH2 and LH52 type lampheads to any 35 mm camera at a height that prevents “red eye”.</td>
<td>BC</td>
<td>73.95</td>
</tr>
</tbody>
</table>
### CASES AND KITS

#### PORTABLE LIGHTING KITS

**P800D Assembly (K800D)**
Entry level 800 w/s 2-Light Kit.
Kit includes:
1. P800D power supply
2. LH2400 lampheads
2. SDL reflectors
2. WB45 umbrellas
2. LS222 stands
1. C800 soft case.
**Item # NO8000D2K ..........1954.95**

**P800D Assembly (K8000DB)**
Same as above with blower.
**Item # NO8000B2K ........ 2079.95**

**P2000D Assembly (K2000D)**
Same as K800D kit with P2000D power supply.
**Item # NO20000D2K ..........2484.95**

**P404 Assembly (K404)**
400w/s 2-Light Kit.
Kit includes:
1. P404 power supply
1. 404RB ratio box
2. LH52 lampheads
2. 2Q reflectors
2. R4130 stand adapters
2. WB45 umbrellas
2. LS222 stands
1. R4161 stand bracket
1. C800 soft case.
**Item # NO40402K ..........1394.95**

**P808 Assembly (K808M)**
800w/s 2-Light Kit.
**Item # NO8080M2K ..........2241.00**

**P808 Assembly (K808M4)**
800w/s 4-Light Kit.
**Item # NO8080M4K ..........2639.95**

**P808 Assembly (K80812004)**
K808-1200 (1200 w/s) 4-Light Kit.
**Item # NO80812004K ... 2669.95**

#### 2-LIGHT TRAVEL KITS

**1200w/s 2-IL Light Kit (K1212IL)**
Kit includes:
1. P12/12 power supply
1. C24/24 soft case
2. IL-2500 Illuminator lampheads
2. R9110 flashtube covers
2. LS222 light stands
2. WB45 white umbrellas.
**Item # NO1212IL2K ..........2445.95**

**1200w/s 2-TC Light Kit (K1212TC)**
Same as above, except with
2. IL2500-TC Illuminator lampheads (“Tube in a Can”)
**Item # NO1212TC2K ..........2449.95**

**2400w/s 2-IL Light Kit (K2424IL)**
Kit includes:
1. P24/24-rev 2 power supply
2. IL-2500 Illuminator lampheads
2. 5DL2 reflectors
2. R9110 flashtube covers
2. WB45 white umbrellas
2. LS222 light stands
1. C24/24 soft case
**Item # NO2424TC2K ..........2939.95**

**4000w/s 2-TC Light Kit (A4040TC)**
Kit includes:
1. P40/40-rev 2 power supply
2. IL2500-TC Illuminator lampheads (“Tube in a Can”)
2. R9111 reflector covers
2. WB45 white umbrellas.
**Item # NO4040TC2K ..........2989.95**

#### 4-LIGHT TRAVEL KITS

**In 2 cases; 1 fits under the airline seat and 1 in the overhead bin.**

**1200w/s 4-IL Light Kit (K1212LC4)**
Same as above, except with
4. IL-2500-TC Illuminator lampheads (“Tube in a Can”)
**Item # NO1212LC4K ..........3524.95**

**2400w/s 4-IL Light Kit (K2424IL4)**
Kit includes:
1. P24/24 power supply
4. IL-2500 Illuminator lampheads
4. 5DL2 reflectors
4. R9110 flashtube covers
4. LS222 light stands
2. WB45 white umbrellas
1. C24/24 soft case
1. C2000 soft power supply case
**Item # NO2424IL4K ..........3989.95**

**2400w/s 4-TC Light Kit (K2424TC4)**
Same as above, except with
4. IL2500-TC Illuminator lampheads (“Tube in a Can”)
**Item # NO2424TC4K ..........4014.95**

### CASES

**C222 Case (C222)**
for Stands.
**Item # NOCLS .................26.95**

**Carrying Case (C800)**
for P404 2-Light Kits.
**Item # NOC404K ..........128.95**

**Carrying Case (C800)**
for P800D 2-Light Kits.
**Item # NOC800K ..........128.95**

**Carrying Case (C800)**
for P808M Kit.
**Item # NOCP808MK ..........128.95**

**C24/24 Case (C2424)**
for P2424 2-Light Kit.
**Item # NOC2424 ..........184.95**

**C24/24 Case (C2424)**
for P1212 2-Light Kit.
**Item # NOCP1212K ..........184.95**

**C2000 Case (C2000)**
for all Power Packs.
**Item # NOCPP ...........146.95**
Power Packs

Lightweight, heavy duty, powerful, and very efficient for studio or location. Novatron has been the leader in lightweight, high output, low cost power packs for over two decades. The Novatron power pack has proven itself to be a workhorse in the studio or on location. The new “D” series offers enhanced lower voltage camera sync circuitry. Time and time again, independent comparisons have proven that Novatron power packs deliver the most watt/seconds and the most light per watt/second for the money.

V240D

- Power Pack
- 240 w/s (V240D)
- Item # NO240D ... 252.00

The V240D features 240 w/s of power, switchable to 120 w/s. Young professionals and serious hobbyists who have just begun to explore the dynamics of lighting, choose this power pack because of its features, size and affordable price. This pack also makes a great auxiliary light source when slaved to a larger system.

V400D

- Power Pack
- 400 w/s (V400D)
- Item # NOV400D .... 400.00

The V400D is a new introductory variable power pack. This unit reaches a whole new category of photography offering 400 watt-seconds of seamless variable power over a three stop range (down to 1/8 power) with the compactness of the 240 power pack.

V600D

- Power Pack
- 600 w/s (V600D)
- Item # NOV600D .... 517.00

The V600D power pack is appreciated by the most demanding professional. Like its predecessors, the V600D is rapidly becoming a standard in the finest wedding, portrait, and higher quality commercial studios in North America. The V600D provides variable power up to 600 watt-seconds.

D1000

- Power Pack
- 1000 w/s (D1000)
- Item # NO1000VRD .... 799.00

The D1000 is the first in a new generation of rugged and sophisticated all digital flash power packs from Novatron. The 1000 watt-seconds fan cooled pack, is fully microprocessor controlled and has an output which is variable in 1/10th stop increments over its entire 4 stop power range (double the range of the previous 1000 watt-sec units). Output power is displayed on a 1/2 inch tall 4 digit LED display which is easily visible from many feet away under normal room lights. The D1000 power pack also provides misfire alarm functions and supports all standard Novatron flash heads. It is also sync voltage compatible with most current digital cameras on the market and has higher powered modeling lamp support. These packs also have a second circuit breaker dedicated to the modeling lamps and are designated as Series II. This second breaker allows these units to handle up to 250 watt modeling lamps for fan-cooled flash heads (1000 watts total modeling lamp power per unit).

Features

- The V240D features 240 w/s of power, switchable to 120 w/s.
- The V400D is a new introductory variable power pack.
- The V600D power pack is appreciated by the most demanding professional.
- The D1000 is the first in a new generation of rugged and sophisticated all digital flash power packs.

Specifications

- V240D
  - Max. Power: 240 w/s.
  - Recycle Time: 5 sec. at Full
  - Head Outlets: 3
  - Weight: 5 lbs. 8 oz. (2.5kg)
  - Dimensions: 5⅞ x 6⅛ x 4⅞" (13.7x15.9x12.4cm)

- V400D
  - Max. Power: 400 w/s.
  - Recycle Time: 2.5 sec. at Full
  - Head Outlets: 4
  - Weight: 9 lbs. 8 oz. (4.3kg)
  - Dimensions: 6⅛ x 8 x 4⅛" (16.2x20.3x12.4cm)

- V600D
  - Max. Power: 600 w/s.
  - Recycle Time: 3 sec. at Full
  - Head Outlets: 4
  - Weight: 9 lbs. (4.1kg)
  - Dimensions: 6⅛ x 8⅛ x 6⅛" (16.2x21.6x17.1cm)

- D1000
  - Max. Power: 1000 w/s.
  - Recycle Time: Under 2.5 sec. at all settings
  - Head Outlets: 4
  - Weight: 15.3 lbs. (6.9kg)
  - Dimensions: 6⅞ x 8⅛ x 6⅛" (16.8x21.8x17.5cm)
NOVATRON

POWER PACKS/FLASH HEADS

D1500

FEATURES

The D1500 is the most powerful in the new generation of rugged and sophisticated all digital flash power packs from Novatron. The 1500 watt-seconds fan cooled pack, is fully microprocessor controlled and has an output which is variable in 1/10th stop increments over its entire 4 stop power range (this is MORE than double the range of the previous 1500 watt-sec units!). Output power is displayed on a 1/2 inch tall 4 digit LED display which is easily visible from many feet away under normal room lights. The D1500 power pack also provides misfire alarm functions and supports all standard Novatron flash heads and is sync voltage compatible with most current digital cameras on the market. To support the new higher power modeling lamps, these packs have a second circuit breaker dedicated just for the lamps and are designated as Series II. This second breaker allows these units to handle the 250 watt halogen modeling lamps used in our fan-cooled flash heads (1000 watts total modeling lamp power per pack).

SPECIFICATIONS

Max. Power: 1500 w/s.
Recycle Time: Under 2.5 sec. at all settings
Head Outlets: 4
Weight: 17.4 lbs. (7.9kg)
Dimensions: 6" x 8½ x 6¾” (16.8x21.8x17.5cm)

D1500

1500 w/s Power Pack (D1500)
Item # NO1500VRD ........... 1193.00

FLASH HEADS

All Novatron flashheads have flash tubes that are coated with a material that filters the ultra violet rays emitted by the flash. These heads are balanced for an accurate color temperature of 5500K°± or -200°K. This is extremely important when exposing transparency films. Also most black and white films are “panchromatic” and properly render the relationship between colors when the UV is filtered out. Flash tubes not UV coated can produce a cooler image. Novatron uses only two different styles of flash tubes. The maximum power rating of these tubes is 1000 and 700 watt seconds. All flashheads and monolights except the M 300 use the 1000 w/s tube. The M 300 uses the 700 w/s plug in type tube. There is a built in modeling lamp in each flashhead. The modeling light’s intensity is proportional to the flash output. The Novatron reflector efficiently directs the light and distributes it evenly. A highly polished hydroformed aluminum makes up the reflector. It’s 6½” in diameter with 70° coverage from center to edge. The reducing controls (if applicable) allow the photographer to ratio power directly on the flashhead by the use of switches. These flashheads are as light as plastic but can resist temperatures to 400° F.

Standard Flashhead (2100C)
Does not contain any controls to ratio the power or the modeling light. It comes equipped with a 1000 w/s flash tube (color corrected), a 100W tungsten modeling lamp, 15” power cord, and a mounting bracket with knobs for securing the bracket to a light stand and attaching an umbrella. The bracket also has a universal adapter base which allows it to mount to either a standard 5/8 stud or a smaller 3/8 tube/stud.
Item # NO2100C .......... 148.00

Standard Flashhead (2105C)
Same as above, with a 25” cord.
Item # NO2105C .......... 143.32

Fan Cooled

Convertible Head (2103FC)
The new 2103-FC is a 3-way switching bare tube flashhead that contains the controls to independently ratio the flash and modeling lamp at full, -1 stop, or -2 stops. It comes equipped with an internal fan, which aids in cooling the electronics and the user replaceable F0008 plug-in flash tube. Fan cooling extends the power handling capacity of this head to 1500 watt-seconds. It is also shipped with a 150-watt halogen modeling lamp, a 25-foot power cord, and comes with a flash tube protector sleeve. This flashhead accepts the optional 6½” #2032 and 16” #2034 detachable reflectors.
Item # NO2103FC .......... 273.95

One Stop Flashhead (2110C)
Contains the controls to operate at full power, or to ratio the power and modeling light down one stop (-1) or turn the head off completely. This flashhead cannot be used in the stopping mode by itself. There must be another flashhead operating at full power or damage will occur. This will void the warranty. The 2110-C flashhead comes equipped with a 1000 w/s flash tube (color corrected to 5500K), 100W tungsten modeling lamp, 25” cord and a mounting bracket for a 3/8” stand and to attach an umbrella.
Item # NO2110C .......... 174.00

Two Stop Flashhead (2120C)
Contains the same control and ratio features as the 2110-C only with a two (-2) stop range. The flashhead also comes equipped with the same accessories as the 2110-C.
Item # NO2120C .......... 174.00

3-Way Switching Flashhead (2140C)
Contains the controls to operate at full power or to ratio the power and modeling light down one (-1) or two (-2) stops. All other features and functions including accessories are the same as the 2110-C.
Item # NO2140C .......... 191.00

2100C 2105C 2110C 2120C 2140C

www.bhphotovideo.com

PHOTO - VIDEO - PRO AUDIO
### Novatron Accessories

#### Reflectors and Accessories

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOBD4</td>
<td>6 1/2&quot; Reflectors (2032)</td>
<td>23.95</td>
</tr>
<tr>
<td>NOSA</td>
<td>Adjustable Snoot (4001A)</td>
<td>23.95</td>
</tr>
<tr>
<td>NOFM02</td>
<td>FLASHMETER (FM02)</td>
<td>79.95</td>
</tr>
<tr>
<td>NOGAS</td>
<td>Honeycomb Grid (4001A)</td>
<td>23.95</td>
</tr>
<tr>
<td>NOGCFH</td>
<td>Coarse Honeycomb Grid</td>
<td>85.95</td>
</tr>
<tr>
<td>NOGFFH</td>
<td>Fine Honeycomb Grid</td>
<td>61.95</td>
</tr>
<tr>
<td>NOGAS</td>
<td>Coarse Honeycomb Grid</td>
<td>61.95</td>
</tr>
<tr>
<td>NOGCFH</td>
<td>Coarse Honeycomb Grid</td>
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</tr>
<tr>
<td>NOFSD88</td>
<td>Diffusion Sheets</td>
<td>13.95</td>
</tr>
<tr>
<td>NOFSGD</td>
<td>Gel Gaskets 2 Each (MIO05)</td>
<td>33.50</td>
</tr>
<tr>
<td>NOFSD88</td>
<td>Gel and Diffusion Material Kit</td>
<td>39.95</td>
</tr>
<tr>
<td>NOFSD88</td>
<td>Gel and Diffusion Material Holder</td>
<td>39.95</td>
</tr>
</tbody>
</table>

**6 1/2" Reflectors (2032)**
The 2032 reflector is 6 1/2" in diameter and disperses a light pattern of 70°, just like the Novatron flashheads that have built in reflectors. The 2034 reflector is a 16" diameter parabola with the focal point being offset to create a softer 100° illumination pattern. Twist lock bayonets allow either reflector to quickly mount or dismount to the bare tube reflector from the M 300 and M 500 monolights' front ring. Both reflectors are secured by a small pair of attachment knobs provided with each unit.

**16" Reflectors (2034)**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOR6</td>
<td>42.95</td>
</tr>
</tbody>
</table>

**Four Way Barndoor (4011A)**
The four way barndoor can be used as a horizontal or vertical shutter. It can be set at nearly any combination in between. A gel and diffusion holder is built in. The 4011-A will fit all Novatron flashheads and the 2032 reflectors.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOBD4</td>
<td>72.95</td>
</tr>
</tbody>
</table>

**FM02 Flashmeter (FM02)**
The Novatron FM 02 flashmeter is small enough to fit in a shirt pocket. Its face plate lists the popular film speeds across the top row. To the left is a column of indicators. The meter is simple to use: Turn it on, Fire a test flash. One of the indicators on the meter's face will illuminate. The illuminated indicator indicates the correct row of f-stops.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOFM02</td>
<td>79.95</td>
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</tbody>
</table>

**Honeycomb Grid (4001A)**
The 4001-A honeycomb grid is a simple attachment for directing a narrower, more concentrated beam of light. Fits the 4001-A snoot.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOGAS</td>
<td>23.95</td>
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</tbody>
</table>

**Fine Honeycomb Grid (4520)**
Same as the older 4005, but with an added gel holder attachment. Fits all flashheads and the 2032 reflector.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOGAS</td>
<td>23.95</td>
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</tbody>
</table>

**Coarse Honeycomb Grid (4620)**
Same as the older 4006, but with an added gel holder attachment. Fits all flashheads and the 2032 reflector.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOGAS</td>
<td>61.95</td>
</tr>
</tbody>
</table>

**Gel and Diffusion Material Kit (4021)**
Includes one each of red, yellow, blue and green gels. It also includes two sheets of diffusion material and two UV color correction filters. There is a pair of gel gaskets included as well. These are great for holding gels in position for periods of time under intense heat. The gel gasket (M-1-005) and the diffusion material are available separately.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOFSD88</td>
<td>33.50</td>
</tr>
</tbody>
</table>

**Gel Gaskets 2 Each (MIO05)**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOGAS</td>
<td>3.95</td>
</tr>
</tbody>
</table>

**Gel and Diffusion Material Holder (4020A)**
The 4020A Gel and Diffusion Material Holder features a deep rear rim and snaps in place on the front rim of all Novatron's 6 1/2" reflectors. It fully covers the flashhead's reflector and avoids any annoying light leakage. The 8" x 8" channel holds any one of the filters found in the 4021 gel and diffusion material kit.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
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</table>

**Diffusion Sheets (4008)**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>NOGAS</td>
<td>13.95</td>
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</tbody>
</table>

**Adjustable Snoot (4001A)**
The adjustable snoot is a simple, effective creative tool for fine tuning added highlights to hair. When placed behind the subject, the hairlight effectively adds three dimensional qualities to most people shots. For even tighter accent lights, try the 4001-A grid attachment for the snoot.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOGAS</td>
<td>56.95</td>
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</tbody>
</table>

**4030 Slave Unit (4030)**
The 4030 slave unit is a terrific little electronic light sensitive device that weighs under an ounce and can trigger a flash when it detects another flash. Any number of slaves can be used to fire an unlimited number of flash units and the effect is virtually immediate. Just plug in the slave into any low voltage sync outlet on one of the power packs or monolights and it's ready to go. Since the trigger is polarized, if it doesn't trigger in one position, just reverse the polarity by plugging it in the opposite way.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>NOGAS</td>
<td>39.95</td>
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</table>

**4001-A Grid Attachment for the Snoot**

<table>
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<tbody>
<tr>
<td>NOGAS</td>
<td>39.95</td>
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</tbody>
</table>

**4001-A1 Grid Attachment for the 4001-A Snoot**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOGAS</td>
<td>45.95</td>
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**Coarse Honeycomb Grid (4020A)**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOGAS</td>
<td>39.95</td>
</tr>
</tbody>
</table>

**Gel and Diffusion Material Kit (4021)**
Includes one each of red, yellow, blue and green gels. It also includes two sheets of diffusion material and two UV color correction filters. There is a pair of gel gaskets included as well. These are great for holding gels in position for periods of time under intense heat. The gel gasket (M-1-005) and the diffusion material are available separately.

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<tr>
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**Diffusion Sheets (4008)**

<table>
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</thead>
<tbody>
<tr>
<td>NOGAS</td>
<td>13.95</td>
</tr>
</tbody>
</table>
LIGHT STANDS

5003 Backlight Stand (5003)
The 5003 Backlight stand extends to 3 feet, collapses to 20", and is designed to allow mounting of one head on top and another to the foot. The center two telescoping sections can be removed making the stand then only 4" tall! A 4046 adapter is needed when mounting older 3/8"stud mount heads on this stand.
Item # NOLS3 .................. 56.50

5014 Light Stand (5014)
The 5014 light stand features all aluminum construction for durability and collapses to a length of 31½”. This is considered a heavy duty light stand. It adjusts from 31½” to 10’. The top section has a 5/8” stud for mounting flash equipment.
Item # NOLSHD10 ............. 76.50

5020 Light Stand (5020)
The 5020 light stand features all aluminum construction for durability and collapses to a length of 36”. This is considered an extra heavy duty stand. It adjusts from 36½” to 11”. The top section has a 5/8” stud x 1 ⅜” long for mounting flash equipment. A 4046 adapter is needed for mounting older Novatron heads.
Item # NOLS11 ................. 124.95

5008 Light Stand (5008)
The 5008 light stand features all aluminum construction for durability and collapses to a length of 24½”. This is considered a light duty stand. It can easily be adjusted from 25” to 8’.
Item # NOLS8 ................... 46.95

5010 Light Stand (5010)
The 5010 light stand features all aluminum construction for durability and collapses to a length of 24½”. This is considered a medium stand. It adjusts from 25” to 10’.
Item # NOLS10 ................. 52.95

5010HD Light Stand (5010HD)
The 5010HD light stand features all aluminum construction for durability, and collapses to a length of 27½”. This is considered a heavy-duty stand. It can easily be adjusted from 28” to 9’5” by the means of five telescoping sections which are secured by wing screws. The top section has a 5/8” diameter stud for mounting flash equipment. A 4046 adapter is needed when mounting older 3/8” stud mount Novatron heads on this stand.
Item # NOLSC10 .............. 76.50

UMBRELLAS

7032W Umbrella (7032W)
A 32” white reflective umbrella used in photography. This is the same umbrella packaged in the Novatron 240 Fun kits. It is 20½” long and opens to a 32” diameter.
Item # NOU32W ............. 28.50

7045W Umbrella (7045W)
A 45” white reflective umbrella used in photography. This is the same umbrella packaged in the Novatron kits of 400, 500 and 600 w/s or kits packaged in the 63 series cases. It is 27½” long and opens to a 45” diameter.
Item # NOU45W ............ 38.95

7450 Umbrella (7450)
The new 7450 multipurpose umbrella provides a new tool in the photographer’s bag of tricks. This semi-silvered umbrella comes with a removable black cover. The cover allows the photographer to better control the direction of light by blocking scattered light that would normally escape through the unit. The 7450 opens to a 45” diameter and is 29½” long when closed. This is the same umbrella packaged in the 68-1000VR-3C and 68-1500VR-3C kits.
Item # NOU45SS .......... 51.95
### CASES

All Novatron cases feature interior compartments with die cut foam inserts designed exclusively for Novatron power packs and flashheads.

<table>
<thead>
<tr>
<th>Case #6002 (6002)</th>
<th>Case #6301 (6301)</th>
<th>Case #6101 (6101)</th>
<th>Case #6801 (6801)</th>
</tr>
</thead>
<tbody>
<tr>
<td>This case is custom formed with ABS plastic and has a metal rim with hinges, two clasps and a carrying handle. This case has provisions for one power pack, two flashheads, and room to store umbrellas and light stands. Dimensions: 29½&quot;L x 12½&quot;W x 6½&quot;H (75 x 32 x 16.8cm)</td>
<td>H as the same features as the 6002, but holds three flashheads. Dimensions: 28½”L x 15&quot;W x 8”H (72.6 x 38 x 38cm)</td>
<td>H as the same features as the 6002, but has three clasps and holds four flashheads. Dimensions: 35½”L x 16”W x 9”H (90 x 40 x 23cm)</td>
<td>This case is custom formed with ABS plastic and has a metal rim with hinges, three clasps, casters, retractable pull handle and a carrying handle. This case has provisions for one power pack, four flashheads and room to store umbrellas and light stands. Dimensions: 35½”L x 16”W x 11”H (90x40x28cm)</td>
</tr>
<tr>
<td>Item # NOCFK ............... 93.50</td>
<td>Item # NOCC .................. 139.95</td>
<td>Item # NOCS .................... 179.95</td>
<td>Item # NOCL .................... 242.00</td>
</tr>
</tbody>
</table>

### EXTENSION CABLES

<table>
<thead>
<tr>
<th>Extension Cable #4025</th>
<th>Extension Cable #4026</th>
<th>Extension Cable #4025</th>
<th>Extension Cable #4026</th>
</tr>
</thead>
<tbody>
<tr>
<td>15’ (4.6m) Sync (M001)</td>
<td>With a household plug on one end and PC connector on the other end. All Novatron equipment accepts the household plug.</td>
<td>6’7” (2m) AC Power Cord (M002)</td>
<td>Used on all power packs except the 1000VRD and 1500VRD. The AC power cord is rated at 10A-125v.</td>
</tr>
<tr>
<td>Item # NOEC15 ............. 49.95</td>
<td>Item # NOSC15 ............. 19.95</td>
<td>Item # NOPC .................. 8.95</td>
<td>Item # NOFTM300 ............ 69.95</td>
</tr>
<tr>
<td>25’ (7.6m) Extension Cable #4025</td>
<td>Same as above only 25’ (7.6m) in length and use of this cord will decrease the f-stop by approximately 1/3 stop.</td>
<td>6’7” (2m) Heavy Duty AC Power Cord (M003)</td>
<td>Used on the 1000VRD and 1500VRD power packs. The heavy duty AC power cord is rated at 15A-125V.</td>
</tr>
<tr>
<td>Item # NOEC25 ............. 53.95</td>
<td>Item # NOFTL2103C .......... 4.95</td>
<td>Item # NOFT2103FC ............ 69.95</td>
<td>Item # NOFTL2150FC .......... 13.95</td>
</tr>
<tr>
<td>“Y” Shaped Adapter Cable #4026</td>
<td>U sed to add an extra flashhead to a power pack. The power pack will perform as if it had an extra outlet on the pack.</td>
<td>Quartz Halogen Lamp (4106)</td>
<td>A custom manufactured frosted quartz halogen lamp enclosed in a glass envelope. This lamp is used in the M 300 and M 500 monolights and can be used on all Novatron flashheads that use the 4101 modeling lamp. This lamp is a direct replacement for the 4105. The 4106 lamp is rated at 130 VAC, 150W.</td>
</tr>
<tr>
<td>Item # NOYC .................. 59.95</td>
<td>Item # NOML300 ............. 13.95</td>
<td>Flash Tube (F0005)</td>
<td>Is a custom manufactured plug-in type flash tube, enclosed in a glass envelope. This lamp is used in the M 300 and M 500 monolights. The lamp is color corrected and rated 700 w/s.</td>
</tr>
<tr>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
<td>Item # NOFTM300 ............ 69.95</td>
</tr>
<tr>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
</tr>
</tbody>
</table>

### MODELING LAMPS

<table>
<thead>
<tr>
<th>Modeling Lamp #4101</th>
<th>Standard Modeling Lamp (4101)</th>
<th>The standard modeling lamp used in Novatron flash heads. Rated at 120 VAC, 100W.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # NOML2103C .......... 4.95</td>
<td>Item # NOFTL2103C .......... 4.95</td>
<td>Item # NOML2150FC .......... 13.95</td>
</tr>
<tr>
<td>Quartz Halogen Lamp (4106)</td>
<td>4106 is a custom manufactured frosted quartz halogen lamp enclosed in a glass envelope. This lamp is used in the M 300 and M 500 monolights and can be used on all Novatron flashheads that use the 4101 modeling lamp. This lamp is a direct replacement for the 4105. The 4106 lamp is rated at 130 VAC, 150W.</td>
<td></td>
</tr>
<tr>
<td>Item # NOFTM300 ............ 69.95</td>
<td>Item # NOFTL2103C .......... 4.95</td>
<td>Flash Tube (F0008)</td>
</tr>
<tr>
<td>Item # NOFT2103FC ............ 69.95</td>
<td>Item # NOFTL2150FC .......... 13.95</td>
<td>Item # NOFT2103FC ............ 69.95</td>
</tr>
<tr>
<td>Flash Tube (F0005)</td>
<td>Is a custom manufactured plug-in type flash tube, enclosed in a glass envelope. This lamp is used in the M 300 and M 500 monolights. The lamp is color corrected and rated 700 w/s.</td>
<td></td>
</tr>
<tr>
<td>4106</td>
<td>4107</td>
<td>MI-001 MI-002 MI-003</td>
</tr>
<tr>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
</tr>
<tr>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
</tr>
<tr>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
<td>MI-001 MI-002 MI-003</td>
</tr>
</tbody>
</table>

### Standard Modeling Lamp (4101)

- The standard modeling lamp used in Novatron flash heads. Rated at 120 VAC, 100W.
- Item # NOML2103C........... 4.95

### Quartz Halogen Lamp (4106)

- 4106 is a custom manufactured frosted quartz halogen lamp enclosed in a glass envelope. This lamp is used in the M 300 and M 500 monolights and can be used on all Novatron flashheads that use the 4101 modeling lamp. This lamp is a direct replacement for the 4105. The 4106 lamp is rated at 130 VAC, 150W.
- Item # NOFTM300 ............ 69.95

### Flash Tube (F0008)

- The F0008 is a custom manufactured plug-in type flash tube, enclosed in a vented glass envelope. This lamp is used in the 2103-FC bare tube flash head. The lamp is color corrected and rated 1500 watt-seconds when used with the fan cooling provided with the 2103-FC.
- Item # NOFT2103FC ............ 69.95
Novatron has complete lighting systems for either hard daily professional use or for the growth oriented beginner. For over two decades Novatron has provided lighting equipment to thousands of professional photographic studios all over North America. The exact same products are available to photographers in kit form. Novatron kits are designed for portability and contain all the necessary equipment for a successful shoot.

### KITS

**Fun Kit (60V24002C)**
The most popular kit featuring 240 w/s of power switchable to 120 w/s. The pack and heads can easily integrate even with Novatron's top of the line hardware, making it easy to develop an ever expanding professional system. This same kit is available without the hard case, order number K242-2C.

**Kit includes:**
1. V240D power pack
2. 2100-C standard flashhead
3. 2140-C 3-way flashhead
4. 7032W 32’ white umbrellas
5. 5008 8’ lightstands
6. M1-001 15’ sync cord
7. 6002 carrying case
8. M1-002 AC power cord

**Item # NO 240FKC ....................648.00**

**Basic 240 Fun Kit (K242002C)**
Same as 602402C without case.

**Item # NO 240FK ....................573.00**

**Variable MiniPro Kit (60V40002C)**
A new introductory MiniPro kit, this kit reaches a whole new category of photographer offering 400 watt seconds of variable power, having the compactness of the 240 Fun Kit. Unlike the Fun Kit the MiniPro includes the same light stands and umbrellas used in the 500VR/600VR Pro kits.

**Kit includes:**
1. V400D power pack
2. 2100-C standard flashhead
3. 2140-C 3-way flashhead
4. 7045W 45’ white umbrellas
5. 5010 10’ lightstands
6. M1-001 15’ sync cord
7. 6301 carrying case
8. M1-002 AC power cord

**Item # NOV4002MK ...............855.57**

**Variable MiniPro Kit (63V4003C)**

**Kit includes:**
1. V400D power pack
2. 2110-C 1-stop flashhead
3. 2140-C 3-way flashhead
4. 7045W 45’ white umbrellas
5. 5008 8’ lightstands
6. M1-002 AC power cord

**Item # NOV4003MK ...............1005.00**

**Variable MiniPro Kit (63V4003CM)**

**Item # NOV4003CMK ...............930.00**

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**Equipment Leasing Available**

---
### KITS

#### Variable MiniPro Kit (63V400D3FC)
- V600D power pack
- 2103-FC convertible flashheads
- 7045W 45˝ white umbrellas
- 5010HD 10˝ lightstands
- M1-001 15˝ sync cord
- M1-002 AC power cord

**Item # NOV400BBFC3K . 1212.00**

#### Variable Pro Kit (61V600D3FC)
- V600D power pack
- 2100-C standard flash head
- 2140-C 3-way flash head
- 7045W 45˝ white umbrellas
- 5010HD 10˝ lightstands
- M1-001 15˝ sync cord
- M1-002 AC power cord

**Item # NOV6003KQ .... 1164.00**

#### Variable Pro Kit (61V6000D2C)
- V600D power pack
- 2110-C 1-stop flash head
- 2140-C 3-way flash head
- 7045W 45˝ white umbrellas
- 5010HD 10˝ lightstands
- M1-001 15˝ sync cord
- M1-002 AC power cord

**Item # NOV6002KQ .... 1062.00**

#### Variable Pro Kit (63V6000C)
- V600D power pack
- 2110-C 1-stop flash head
- 2140-C 3-way flash head
- 7045W 45˝ white umbrellas
- 5010HD 10˝ lightstands
- M1-001 15˝ sync cord
- M1-002 AC power cord

**Item # NOV6003KQ .... 1164.00**

### PACK AND HEAD KITS

#### 2-Head Kit (63D1002C)
- D1000 1000 w-s digital pack
- 2100-C standard flash head
- 2140-C 3-way flash head
- 7045W 45˝ white umbrellas
- 5010HD 10˝ lightstands
- M1-001 15˝ sync cord
- M1-003 heavy duty AC power cord

**Item # NO1000VRKQ ... 1260.00**

#### 3-Head Kit (63D1000C)
- D1000 1000 w-s digital pack
- 2100-C standard flash head
- 2140-C 3-way flash head
- 7045W 45˝ white umbrellas
- 5010HD 10˝ lightstands
- M1-001 15˝ sync cord
- M1-003 heavy duty AC power cord

**Item # NO1000VR3KZ ... 1452.00**

#### 3-Head Kit (68D10003C)
- D1500 1500 w-s digital pack
- 2100-C standard flash head
- 2140-C 3-way flash head
- 7050W 45˝ umbrellas
- 5010HD 10˝ lightstands
- M1-001 15˝ sync cord
- M1-002 AC power cord

**Item # NO1000VRKQ ... 1416.00**

#### 3-Head Kit (68D10003K)
- D1500 1500 w-s digital pack
- 2100-C standard flash head
- 2140-C 3-way flash head
- 7050W 45˝ umbrellas
- 5010HD 10˝ lightstands
- M1-001 15˝ sync cord
- M1-002 AC power cord

**Item # NO1500VRKQ ... 1867.95**

#### 4-Head Kit (SK15D4C)
- D1500 1500 w-s digital pack
- 2100-C standard flash head
- 2140-C 3-way flash head
- 7050W 45˝ umbrellas
- 5010HD 10˝ lightstands
- M1-001 15˝ sync cord
- M1-002 AC power cord

**Item # NO1500FCK ...... 1356.00**

#### 3-Head Kit

**Includes:**
- V4000 digital pack
- 2100-C standard flash head
- 2140-C 3-way flash head

**Item # NOV400KZ ...... 891.00**

#### 4-Head Kit

**Includes:**
- V4000 digital pack
- 2100-C standard flash head
- 2140-C 3-way flash head
- 2140-C 3-way flash heads

**Item # NO1500FCK ...... 1356.00**

#### 3-Head Kit

**Includes:**
- V600D digital pack
- 2100-C standard flash head
- 2140-C 3-way flash head

**Item # NOV600KZ ...... 891.00**

#### 4-Head Kit

**Includes:**
- V600D digital pack
- 2100-C standard flash head
- 2140-C 3-way flash head
- 2140-C 3-way flash heads

**Item # NO1500VRKZ... 1356.00**
PHOTOGENIC
POWER PACKS/ LIGHT UNITS

PHOTO MASTER 400 AND 800

The power supply stands only eight inches high and features two channels with four outlets for operating additional lights with the system. It offers total power output flexibility of definite resettable increments for full, 1/2, 1/4 and 1/8 power, common on all outlets or in a 3:1 ratio mode. Proportional modeling lights directly dim or brighten as the flash intensity is reduced or increased. The 400 and 800 are excellent investments for the economy-minded professional with an uncompromising eye for quality.

SPECIFICATIONS

4-Lighthead Outlets, 400 w/s:
Channel A 1 & 2
Channel B 3 & 4.
Ratio Switch:
1:1 channel or 3:1.
Power Control:
Full, half, quarter and eighth.
Modeling Power:
Full, adjust or off.
Triggering:
Built in photo cell, synchronization jack and test flash button.
Modeling Light Power:
100 watt quartz lamp.

PHOTO MASTER 400

PhotoMaster 400 w/s
Power Supply (PM04A)
Item # PH PM 04A ..........549.95

PHOTO MASTER 800

PhotoMaster 800 w/s
Power Supply (PM08)
Item # PH PM 08 ..........664.95

Advantage 800 w/s Lighthead
- Fan cooled (PhotoMaster).
- User replaceable flashtube.
- 100W quartz modeling lamp.
- Quick-Change feature.
- Built-in umbrella holder and counterweight bracket.
- Weighs only 3.5 lbs. (1.6kg)
- 25’ cord attached to lighthead.
- Bare bulb use capability - horizontally or vertically.
- Rugged aluminum housing.

Advantage Fan Cooled Lighthead for PhotoMaster System (PM2A)
Item # PH PM 2A ................249.95

UV Quick Change Reflector Lighting Head (PM2C)
Item # PH PM 2AC ..........264.50

Advantage Lighthead for FlashMaster System (PM2AF)
Item # PH PM 2AF ..........264.50

11˝ Wide-Angle Reflector Head (PM11)
Item # PH PM 11 ..........239.95

Multi-Reflector Background Light (PM13)
Item # PH PM 13 ..........350.63

Basic PhotoMaster 400/800 w/s Quartz Lighthead (PM106Q25)
Complete with 6” reflector, 100 watt modeling, umbrella bracket, handle and 25’ cable.
Item # PH PM 106Q25 ..........250.00

7˝ Quick-Change Hi-Gain Lighthead (PM127)
Item # PH PM 127 ..........276.50

14˝ Quick-Change Portrait Lighthead (PM1214)
Item # PH PM 1214 ..........279.95

16˝ Quick-Change Glamour Lighthead (PM1216)
Item # PH PM 1216 ..........279.95

20˝ Quick-Change Soft Satin Lighthead (PM1220)
Item # PH PM 1220 ..........279.95

24˝ Quick-Change Soft Deflected Portrait/Glamour Lighthead (PM1224)
Item # PH PM 1224 ..........319.95
## REFLECTORS AND ACCESSORIES

**PHOTOGENIC**

### REFLECTORS

<table>
<thead>
<tr>
<th>Reflector Type</th>
<th>Model</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3˝ Background Reflector</td>
<td>PL3R</td>
<td>Shallow Satin anodized</td>
<td>PHRSSPL</td>
<td>39.95</td>
</tr>
<tr>
<td>3˝ Veil Light Reflector</td>
<td>PL3RV</td>
<td>With 3x1˝ slot cut in back</td>
<td>PHRSSPLH</td>
<td>42.95</td>
</tr>
<tr>
<td>5˝ Conical Reflector</td>
<td>PL5R</td>
<td>Deep Satin anodized</td>
<td>PHRDSPL</td>
<td>52.95</td>
</tr>
<tr>
<td>7.5˝ Standard High Gain Reflector</td>
<td>PL7R</td>
<td></td>
<td>PHR7PL</td>
<td>38.95</td>
</tr>
<tr>
<td>14˝ Portrait Reflector</td>
<td>PL14R</td>
<td>Satin anodized</td>
<td>PHR14PL</td>
<td>64.95</td>
</tr>
<tr>
<td>16˝ Portrait Reflector</td>
<td>PL16R</td>
<td>Satin anodized</td>
<td>PHR16PL</td>
<td>72.95</td>
</tr>
<tr>
<td>20˝ Portrait Reflector</td>
<td>PL20R</td>
<td>Satin anodized</td>
<td>PHR20PL</td>
<td>87.95</td>
</tr>
<tr>
<td>24˝ Portrait Reflector</td>
<td>PL24R</td>
<td>Satin anodized</td>
<td>PHR24PL</td>
<td>156.95</td>
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</table>

### BARNDOORS, DIFFUSERS AND GRIDS

<table>
<thead>
<tr>
<th>Barndoor Type</th>
<th>Model</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Leaf Barndoor</td>
<td>PL16BDK</td>
<td>For 16˝ reflector</td>
<td>PH BD 16RKQ</td>
<td>159.95</td>
</tr>
<tr>
<td>2-Leaf Clamp-On Barndoor</td>
<td>PL16BD</td>
<td>For 16˝ reflector, Trapezoid shape</td>
<td>PH BD 16R</td>
<td>89.50</td>
</tr>
<tr>
<td>2-Leaf Add-On Barndoor</td>
<td>PL16B</td>
<td>For 16˝ reflector</td>
<td>PH BD 16R</td>
<td>89.50</td>
</tr>
<tr>
<td>2-Leaf Barndoor</td>
<td>PL20BD</td>
<td>For 20˝ reflector</td>
<td>PH BD 20R</td>
<td>117.95</td>
</tr>
<tr>
<td>4-Leaf Add-On Barndoor</td>
<td>PL20B</td>
<td>For 20˝ reflector</td>
<td>PH BD 20R</td>
<td>117.95</td>
</tr>
<tr>
<td>2-Leaf Barndoor</td>
<td>PL24B</td>
<td>For 24˝ reflector</td>
<td>PH BD 24PL</td>
<td>127.50</td>
</tr>
</tbody>
</table>

### ACCESSORIES

<table>
<thead>
<tr>
<th>Accessory Type</th>
<th>Model</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flashtube for Power Supply</td>
<td>PM12</td>
<td>(C47)</td>
<td>PH FTM 12PM13</td>
<td>61.95</td>
</tr>
<tr>
<td>Flashtube for PM12/PM13</td>
<td>PM12</td>
<td>(C47)</td>
<td>PH FTM 12PM13</td>
<td>61.95</td>
</tr>
<tr>
<td>Flashtube for PM11/12/13</td>
<td>PM11</td>
<td>(C47F)</td>
<td>PH FTM 11PM12/13</td>
<td>79.95</td>
</tr>
<tr>
<td>Flashtube for PM11/12/13</td>
<td>PM11</td>
<td>(C47F)</td>
<td>PH FTM 11PM12/13</td>
<td>97.95</td>
</tr>
<tr>
<td>Mounting Frame f/PM106</td>
<td>PM106</td>
<td>(PM48MF)</td>
<td>PH MF 106</td>
<td>106.50</td>
</tr>
<tr>
<td>Mounting Frame f/PM106</td>
<td>PM106</td>
<td>(PM48MF)</td>
<td>PH MF 106</td>
<td>106.50</td>
</tr>
</tbody>
</table>

## Additional Information

- **Order & Information:** (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
- **Website:** www.bhphotovideo.com
UMBRELLAS/ SOFTBOXES

PHOTGENIC

ECLIPSE UMBRELLAS

Photogenic's famous Eclipse patented umbrellas are notable for their ability to eliminate the “ghost” image created by the exposed ribs of ordinary umbrellas. Eclipse models feature white or silver reflective fabric which covers the ribs, removing them from the primary light path. Additionally, each Eclipse comes with a removable black fabric cover which fastens atop the rib frame to confine any light that penetrates the white or silver lining.

Installation:
Installing the umbrella is easy. Insert the shaft through an available hole on any of our stand adapters and tighten with a thumb screw. Adjust the light pattern by loosening the thumb screw and moving the shaft in or out, positioning the reflector closer or farther away from the light head.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32˝</td>
<td>Eclipse Silver with Black Cover (EC32S)</td>
<td>PHUE32S</td>
<td>18.95</td>
</tr>
<tr>
<td>32˝</td>
<td>Eclipse White with Black Cover (EC32BC)</td>
<td>PHUE32W</td>
<td>18.95</td>
</tr>
<tr>
<td>45˝</td>
<td>Eclipse Silver with Black Cover (EC45S)</td>
<td>PHUE45S</td>
<td>18.95</td>
</tr>
<tr>
<td>45˝</td>
<td>Eclipse White with Black Cover (EC45BC)</td>
<td>PHUE45W</td>
<td>18.95</td>
</tr>
<tr>
<td>60˝</td>
<td>Eclipse Silver with Black Cover (EC60S)</td>
<td>PHUE60S</td>
<td>32.95</td>
</tr>
<tr>
<td>60˝</td>
<td>Eclipse White with Black Cover (EC60BC)</td>
<td>PHUE60W</td>
<td>32.95</td>
</tr>
</tbody>
</table>

ECLIPSE PLUS UMBRELLAS

Photogenic's Eclipse Plus umbrellas are notable for their ability to eliminate the “ghost” image created by the exposed ribs of ordinary umbrellas. Eclipse Plus models feature white or silver reflective fabric which covers the ribs, removing them from the primary light path. Additionally, each Eclipse Plus comes with a removable black fabric cover which fastens atop the rib frame to confine any light that penetrates the white or silver lining.

Installation:
Installing the umbrella is easy. Insert the shaft through an available hole on any of our stand adapters and tighten with a thumb screw. Adjust the light pattern by loosening the thumb screw and moving the shaft in or out, positioning the reflector closer or farther away from the light head.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32˝</td>
<td>Eclipse Plus removable black cover with reflective silver backing and internal white satin panel. (ECP32)</td>
<td>PHUEP32S</td>
<td>32.95</td>
</tr>
<tr>
<td>45˝</td>
<td>Eclipse Plus removable black cover with reflective silver backing and internal white satin panel. (ECP45)</td>
<td>PHUEP45S</td>
<td>38.50</td>
</tr>
<tr>
<td>60˝</td>
<td>Eclipse Plus removable black cover with reflective silver backing and internal white satin panel. (ECP60)</td>
<td>PHUEP60S</td>
<td>46.50</td>
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</tbody>
</table>

SOFTBOXES

Photogenic softboxes are designed to enable photographers to illuminate a subject evenly over a specified area. Different geometry softboxes are available to meet specific needs of photographers. Photogenic offers two square and two rectangular softboxes to choose from. In the rectangular variety there is the PL12X36FR. It is a 12 inch wide by 36 inch high softbox which can be rotated to fill many narrow beam lighting needs. There is also the 30 inch by 40 inch PL30X40FR. The two square styles are the PL22FR which is 22 inches and the PL36FR which is 36 inches square.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12x36˝</td>
<td>Soft Box with Quick Change Adapter (PL12X36FR)</td>
<td>PHSB1236PL</td>
<td>194.95</td>
</tr>
<tr>
<td>22x22˝</td>
<td>Soft Box with Quick Change Adapter (PL22FR)</td>
<td>PHSB2222PL</td>
<td>199.95</td>
</tr>
<tr>
<td>30x40˝</td>
<td>Soft Box with Quick Change Adapter (PL30X40FR)</td>
<td>PHSB3040PL</td>
<td>246.50</td>
</tr>
<tr>
<td>36x36˝</td>
<td>Soft Box with Quick Change Adapter (PL36FR)</td>
<td>PHSB3636PL</td>
<td>239.95</td>
</tr>
</tbody>
</table>

www.bhphotovideo.com
PHOTGENIC
LIGHTSTANDS

The new photographic light stands from Photogenic marks a rare marriage of design quality and practicality, achieving superior stability and longer service life even under constant, rigorous use. Each stand is engineered for maintenance-free performance and is priced to keep the serious photographer’s mind on his craft rather than on his pocketbook.

### LIGHTWEIGHT ALUMINUM AIR-CUSHIONED STANDS

<table>
<thead>
<tr>
<th>Item</th>
<th>Length</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHLSHD8</td>
<td>8’</td>
<td>Folding Stand (TALS8)</td>
<td>64.95</td>
</tr>
<tr>
<td>PHLSHD10</td>
<td>10’</td>
<td>Folding Stand (TALS10)</td>
<td>81.95</td>
</tr>
</tbody>
</table>

### HEAVY DUTY ALUMINUM AIR-CUSHIONED STANDS

<table>
<thead>
<tr>
<th>Item</th>
<th>Length</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHLS13AC</td>
<td>13’</td>
<td>Air-Cushioned Black Folding Stand (TAHS13)</td>
<td>89.95</td>
</tr>
</tbody>
</table>

### STANDARD & AIR-CUSHIONED CASTER-BASE STANDS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHAE41FUSK</td>
<td>2½’ (0.8m) Aluminum Upright with FB12 Base (TLU3K) with folding steel base.</td>
<td>46.95</td>
</tr>
<tr>
<td>PHAE41FUS</td>
<td>28” (71cm) Aluminum Upright for FB12 Base (TLU3)</td>
<td>34.95</td>
</tr>
<tr>
<td>PHFBAE41FS</td>
<td>Folding Base for TLU3 Aluminum Upright (FB12)</td>
<td>28.95</td>
</tr>
<tr>
<td>PHTA34S38</td>
<td>3½’ (1.1m) Backlight Stand (TA34S1) with 3/8” top</td>
<td>144.95</td>
</tr>
<tr>
<td>PHTA34S58</td>
<td>3½’ (1.1m) Backlight Stand (TA34S2) Same as above with 5/8” top</td>
<td>144.95</td>
</tr>
<tr>
<td>PHTA34S.5</td>
<td>3½’ (1.1m) Backlight Stand (TA34S3) Same as above with 1/2” top</td>
<td>144.95</td>
</tr>
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</table>

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Item</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
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</thead>
<tbody>
<tr>
<td>TALS8</td>
<td>36” (91cm)</td>
<td>2.6 lbs. (1.2kg)</td>
<td>—</td>
<td>8’ (2.4m)</td>
<td>—</td>
</tr>
<tr>
<td>TALS10</td>
<td>39” (99cm)</td>
<td>2.12 lbs. (1.6kg)</td>
<td>—</td>
<td>10’ (3.0m)</td>
<td>—</td>
</tr>
<tr>
<td>TAHS13</td>
<td>43” (109cm)</td>
<td>4.8 lbs. (2.2kg)</td>
<td>—</td>
<td>13’ (4.0m)</td>
<td>—</td>
</tr>
<tr>
<td>TLU3K</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>TA34S1</td>
<td>19” (48cm)</td>
<td>10 lbs. (4.5kg)</td>
<td>—</td>
<td>3’6’ (1.1m)</td>
<td>—</td>
</tr>
<tr>
<td>TA34S2</td>
<td>19” (48cm)</td>
<td>10 lbs. (4.5kg)</td>
<td>—</td>
<td>3’6’ (1.1m)</td>
<td>—</td>
</tr>
<tr>
<td>TA34S3</td>
<td>19” (48cm)</td>
<td>10 lbs. (4.5kg)</td>
<td>—</td>
<td>3’6’ (1.1m)</td>
<td>—</td>
</tr>
</tbody>
</table>
PHOTOGENIC
KITS/REFLECTORS

PHOTO MASTER 400 AND 800 LIGHTING SYSTEMS

Both complete systems include a new heavy-duty, reduced size, professional quality Photogenic power supply, available in 400 or 800 w/s models. They include built-in photo slave, 100 watt universal quartz modeling lamps with umbrella clamps; and two sturdy, collapsible stands all neatly packed in a durable extruded aluminum carrying case. These components are available separately as well as in complete kits.

COMPLETE LIGHTING SYSTEMS

400 w/s PhotoMaster
2-Light System (PM4004)
1-PM 04 400 w/s power supply
2-PM 2A Advantage light heads
2-TALS8 8’ light stands
1-AK76C carrying case
Item # PH PM 4004 ...........1249.95

800 w/s PhotoMaster
2-Light System (PM8004)
1-PM 08 800 w/s power supply
2-PM 2A Advantage light heads
2-TALS8 8’ light stands
1-AK76C carrying case
Item # PH PM 8004 ...........1368.50

LOCATION UMBRELLA OUTFITS

400 w/s PhotoMaster
Umbrella System (PM4002)
Kit Includes:
1-PM 04 400 w/s power supply
2-PM 2A Advantage light head
1-TALS10 10’ folding stand
Item # PH PM 4002 ...........1044.95

800 w/s PhotoMaster
Umbrella System (PM8002)
Kit Includes:
1-PM 08 800 w/s power supply
1-PM 2A Advantage light head
1-TALS10 10’ folding stand
Item # PH PM 8002 ...........1124.95

CHAMELEON REFLECTORS

The Chameleon five-in-one portable reflector kit eliminates the need for multiple reflectors, silks and solids. The Silfoil Chameleon is a lightweight, circular, steel-framed reflector system which folds conveniently into a disc approximately one-third its in-use size for easy transport and storage. Unlike conventional reflectors, however, the Chameleon features a removable, reversible cover which allows for five uniquely functional surfaces in three separate configurations: 1) Black on one side for blocking unwanted light and silver mylar on the other for reflecting cool brilliant light, 2) reverse the cover for white and gold reflectors to capture the warmer tones, 3) remove the cover entirely to reveal a single, translucent panel just right for soft, diffused effects. Includes a handy, tear resistant nylon carrying pouch.

22” (56cm) Chameleon (CH22)
Item # PHR CK2 ..........49.95

32” (81cm) Chameleon (CH32)
Item # PHR CK32 ...........64.95

42” (107cm) Chameleon (CH42)
Item # PHR CK42 ..........74.95
With their light-weight, small dimensions, and multi-voltage capability, Acute generators are ideal for photographers who want to take their equipment on the road or in the air. A sound investment for the “pro on the go”. This is because Profoto light shaping tools and the many accessories for the Acute heads are fully interchangeable with the self contained Compact units, Pro 6 and Pro 7 studio units. Whether you’re using the Acute Ring Flash, or the 5’ or 7’ Reflectors, no matter where you are, you will always be able to concentrate on creating the light. Profoto has unveiled the next generation of professional lighting systems. The Acute 2 generators are available in both 1200 and 2400 watt second versions. These improved generators offer faster recycling times and significantly shorter flash duration than their predecessors. Other improvements include a proportional modeling light, with controls at the powerpack and an On/Off switch for the white light slave.

In addition there is also a new series of heads, which take full advantage of these improvements. These heads, identical in size to the previous generation, offer broader 250 watt modeling lights using the standard “mini-can” base, as in the Pro 7. Also introduced is the revised Acute 2 Twin Head with a 500 watt modeling light and Ringflash. Even though these new products take advantage of the latest technology, they are still fully compatible with earlier generations of Acute, and earlier generations are compatible with the new. The original Acute heads will work completely with the Acute 2 generator and the Acute 2 heads will work with Acute generators as well. However, since the original Acute has no modeling light control at the generator, when using an Acute 2 head on an older Acute, the modeling light will always be on full power. As with all Profoto products the light shaping tools are always fully interchangeable.

Also introduced are upgraded versions of the Profoto Acute 2 Ringflash and the Acute 2 Twin Bi-Tube heads. While most of the characteristics of these new heads are similar to their predecessors, they have been upgraded with thicker cabling and new style flash tubes. These improvements allow for the shortest flash duration possible when used in combination with the Acute 2 generator. Of course they are fully compatible with older Acute generators.
Profoto Sweden has introduced the latest generation in the Acute family, the Acute2R. This new generator is based on the Profoto Acute2 and is identical in every way with one exception: the Profoto Acute2R has a Pocket Wizard Digital Radio receiver built-in, to give the photographer Digital Wireless Freedom. Fully compatible with all 32 channels used by Pocket Wizard, the new Profoto Acute2R eliminates the need for a sync cord and separate PocketWizard receiver. With an effective range of up to 300 feet, the Profoto Acute2R has no buttons or switches to set when selecting a channel. Simply turn the generator on and the system is put into “Learn” mode. The first PocketWizard signal it receives, it remembers. To reset, just turn the generator off, then on again. This simple approach eliminates any learning curve for the photographer. The Acute2Rs are available in both 1200 and 2400 w/s versions. (The original Acute2 units without the PocketWizard receivers remain as part of the Acute product line.) The Profoto Acute2 and Acute2R packs offer fast recycling times and very short flash durations. As with the Profoto Acute2, the Acute2R also includes a fully proportional modeling light and a white-light slave that can be turned off. Even though these new generators take advantage of the latest technology, they are still fully compatible with previous model heads in the Profoto Acute series. The modeling lights however, will remain at full-power since the original Acute units had no control at the generator. As with other Profoto products, all Profoto Light Shaping Tools are full interchangeable.

**WHAT IS DIGITAL WIRELESS FREEDOM?**

- Faster recycle times & shorter flash durations.
- 6 stop range.
- Built-in photo slave (with on/off switch).
- Multi-voltage.
- Fully proportional modeling lights
- Arc proof design for safety.
- A location package suited for all applications for the "Pro on the Go".

**ACUTE 2R GENERATORS**

**ACUTE 2R 1200**

<table>
<thead>
<tr>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output in Meters (100 ISO):</td>
</tr>
<tr>
<td>Magnum Reflector: f/90</td>
</tr>
<tr>
<td>Zoom Reflector: f/45</td>
</tr>
<tr>
<td>Disc Reflector with White Umbrella: f/22</td>
</tr>
<tr>
<td>Control:</td>
</tr>
<tr>
<td>f/Stop Range: 6 Stops</td>
</tr>
<tr>
<td>Ws Range: 1200-37.5</td>
</tr>
<tr>
<td>Flash Duration:</td>
</tr>
<tr>
<td>Minimum: 1/3200</td>
</tr>
<tr>
<td>Maximum: 1/560</td>
</tr>
<tr>
<td>Recycle Speed:</td>
</tr>
<tr>
<td>117V: 0.9-1.5</td>
</tr>
<tr>
<td>100V: .12-2.7</td>
</tr>
<tr>
<td>240V: .09-1.6</td>
</tr>
<tr>
<td>Weight:</td>
</tr>
<tr>
<td>9 lbs. (4.1kg)</td>
</tr>
<tr>
<td>Dimensions:</td>
</tr>
<tr>
<td>8.7 x 7.5 x 5” (22x19x13cm)</td>
</tr>
</tbody>
</table>

**ACUTE 2R 2400**

<table>
<thead>
<tr>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output in Meters (100 ISO):</td>
</tr>
<tr>
<td>Magnum Reflector: f/128</td>
</tr>
<tr>
<td>Zoom Reflector: f/64</td>
</tr>
<tr>
<td>Disc Reflector with White Umbrella: f/32</td>
</tr>
<tr>
<td>Control:</td>
</tr>
<tr>
<td>f/Stop Range: 6 Stops</td>
</tr>
<tr>
<td>Ws Range: 2400-75</td>
</tr>
<tr>
<td>Flash Duration:</td>
</tr>
<tr>
<td>Minimum: 1/1800</td>
</tr>
<tr>
<td>Maximum: 1/320</td>
</tr>
<tr>
<td>Recycle Speed:</td>
</tr>
<tr>
<td>117V: .17-2.9</td>
</tr>
<tr>
<td>100V: .24-5.1</td>
</tr>
<tr>
<td>240V: .18-3.2</td>
</tr>
<tr>
<td>Weight:</td>
</tr>
<tr>
<td>12.9 lbs. (5.9kg)</td>
</tr>
<tr>
<td>Dimensions:</td>
</tr>
<tr>
<td>11.7 x 7.5 x 5” (30x19x13cm)</td>
</tr>
</tbody>
</table>

**TRAVEL KITS**

Travel kit is complete with 1- Mini-Pro Stand and 1- Compact stand, 2- 42” (1.05m) White Umbrellas, and 1- Profoto Tenba Travel Bag.

Pro Travel Kit (505400)
Item # PRLSUK .........................................................392.50
ACUTE2 FLASH HEADS

Acute2 Fan Cooled Head (501201)
- Modular heads feature fan cooled operation, and accept all Profoto light shaping tools. Fan cooled heads are recommended for all heavy duty applications, such as fashion photography.

Item # PRA2Q ................................................................. 669.00

Acute2 Twin Head (501202)
- Similar to the Pro Acute2 head, but features two U-shaped flash tubes. You can attach two generators to achieve twice the energy (a total of 4800w/s). When fitting to one generator, extremely short flash durations, or shorter recycling times are possible. It fits all Acute2 generators, and is fan cooled. Includes: Magnesium Reflector, UV-coated Special Flashtube, 500w halogen modeling lamp, Uncoated, removable Frosted Glass Cover, Transport Cap (plastic), Stand Adapter and Dual Lamp Cable 12’ (3.7m). Maximum output 4800w/s.

Item # PRA2T ................... 1419.00

Acute2 Ring Flash (501203)
- Popular with fashion photographers for freely positioned, direct, and detailed light without harshness. Excellent for small interiors such as automobile photography, or tabletop applications. Fits all Acute2 generators, and is an entirely mobile source of light. Provides a completely even shadowless light when photographing objects smaller than the ring. Excellent as a fill source; the light path is identical to the optical path. The adjustable tripod mount bracket and wide interior (100mm diameter) allows for fitting all types of cameras and lenses in many formats. The maximum charge is 9600w/s per minute, which equals four flashes per minute @ 2400w/s, 8 flashes @ 1200w/s 16 flashes @ 600w/s, 32 flashes @ 300w/s, or 64 flashes per minute @ 150w/s. Includes special mounting bracket and 12’ (3.5m) lamp cable.

Item # PRA2RF .......... 674.95

Softlight Reflector for Ring Flash (505511)
- Increases the light source, for fewer sharp shadows.

Item # PRRSLPRF ............ 253.95

Close-Up Reflector for Ring Flash (505512)
- Focusses the light source 20” (50cm) in front of the lens.

Item # PRRCUPRF .... 249.95

ACUTE 2R PRO VALUE PACKS

Acute2 1200 Pro Value Pack (501031)
- Kit includes:
  1- Acute2 1200 Generator
  2- Acute2 fan cooled heads with UV protection glass
  2- Quartz Flashtubes
  2- Zoom Reflectors and plastic protection caps.

Item # PRA2R1200VP ........................................................... 2739.00

Acute2 2400 Pro Value Pack (501034)
- Same as above with: 1- Acute2 2400 Generator

Item # PRA2R2400VP ............................................................. 3299.00

D4 GENERATORS

With the new D4 line of generators, Profoto presents a sophisticated tool of exceptional precision and versatility offering a quantity of innovative functions that are the result of decades of collaboration with demanding photographers worldwide.

FULL DIRECT CONTROL

With a rotary knob, each of the four outlets of a D4 flash generator can be individually adjusted in 1/10 f-stop increments over the entire 8 f-stop range. Furthermore, by pressing the knob while rotating, full f-stop adjustments are achieved. When pushing the “Master” power control button while turning any of the individual flash head controls, the generator will automatically adjust all channels equally. There is the option of selecting the flash power indicators as watt seconds (ws) or f-stops. The modeling light can be activated or deactivated on each separate outlet. Furthermore, it can be switched to full power, proportional or “max proportional”. “Max proportional” automatically provides the head that has the highest flash power with maximum modeling light while the other heads follow in proportion. In this way, fine tuning the light is controlled in an optimal fashion even at the lowest flash power setting. The ready flash status is indicated by an audible or optical signal, or both simultaneously. Programmable auxiliary functions such as release delay (0.01-60sec.), flash sequence (2-60 flashes) and flash intervals (0.1-60sec.) simplify and assist complex set-ups. The selected auxiliary functions are indicated in a separate LED display until deactivated - making operating errors almost impossible. For easy duplication of critical shots, three settings can be recorded in the memory. The software (included) offers even more control functions, such as independent or unanimous control of any extra D4 generators brought onto the set. Optionally, D4 can be delivered with an integrated receiver for release via radio. This receiver is compatible with the Profoto Pocket wizard transmitters as well as the Sekonic L-358 and L-608 flash meters with radio module, creating Digital Wireless Freedom which enables wireless synchronization over distances up to 328’ (100m) with up to 32 channels to choose from.
The Profoto D4 generators are part of an extensive flash system for demanding photographers. They allow the use of other Profoto flash heads such as the Acute2 and Pro-7 flash heads (on 220-240V only) including the Twin head used for doubling the flash power for extra short flash durations, and the Ring Flash. Profoto offers a complete assortment of universal light-shaping tools, most of them focusable along the length of the lamp head, head for wide range of light characteristics. Even the Standard Zoom reflector, delivered with the basic flash heads has a range which can be adjusted between 100 deg. - 60 degrees, at the same time it's the ideal umbrella reflector. TeleZoom, WideZoom, N arrow beam and many other reflectors, together with honeycomb grids, snoots and barndoors, give full freedom for shaping the light characteristics to suit all situations. Thanks to the closeness of the flash tube and modeling light, even working with direct light is a pleasure with Profoto - "what you see is what you get".  Softboxes from 24x24" (60x60cm) to 48x71" (120x180cm) striplights from 76x229" (30x90cm) to 76x71" (30x180cm), the ProBox, the ProGlobe for 360 degree "chinese lantern" light, spotlights, the unique H ardBox and last but not least the focus-adjustable 5, 7 and 8 foot giant reflectors with the equivalent diameters of 60" (153cm), 84" (213cm) and 98" (250cm) complete the system.

**STROBE LIGHTING**

### D4 GENERATORS

**FEATURES**

- Four full asymmetric adjustable lamp connectors
- Direct control of all functions
- 8 f-stop power range
- Unique ergonomic design
- Highest power stability from flash-to-flash; no f-stop shifts
- Constant color temperature flash-to-flash and over the entire power range
- Innovative special functions, all logically operated
- Optimal, repeatable results with analog and digital photography
- Comfortable computer control via USB connection
- Extensive range of light shaping tools and accessories
- Optional wireless synchronisation by digital radio signals

<table>
<thead>
<tr>
<th>D4 1200</th>
<th>D4 2400</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1200 SPECIFICATIONS</strong></td>
<td><strong>2400 SPECIFICATIONS</strong></td>
</tr>
<tr>
<td>Total Power: 1200ws</td>
<td>Total Power: 2400ws</td>
</tr>
<tr>
<td>F-Stop at 2m (100 ISO):</td>
<td>F-Stop at 2m (100 ISO):</td>
</tr>
<tr>
<td>M agnum Reflector: 90</td>
<td>M agnum Reflector: 128</td>
</tr>
<tr>
<td>Standard Zoom Reflector: 45</td>
<td>Standard Zoom Reflector: 64</td>
</tr>
<tr>
<td>White Umbrella with Standard Zoom Reflector: 22</td>
<td>White Umbrella with Standard Zoom Reflector: 32</td>
</tr>
<tr>
<td>Power Distribution: 4 outlets, asymmetric</td>
<td>Power Distribution: 4 outlets, asymmetric</td>
</tr>
<tr>
<td>(A: max. 100%, B: max. 100%, C: max. 50%, D: max. 25%)</td>
<td>(A: max. 100%, B: max. 100%, C: max. 50%, D: max. 25%)</td>
</tr>
<tr>
<td>Control: 8 f-stops (1/10 or 1/1 steps)</td>
<td>Control: 8 f-stops (1/10 or 1/1 steps)</td>
</tr>
<tr>
<td>Weight: 22 lbs. (10kg)</td>
<td>Weight: 25.3 lbs. (11.5kg)</td>
</tr>
<tr>
<td>Dimensions: 11.4 x 11 x 7.9&quot; (29x28x20cm)</td>
<td>Dimensions: 12.5 x 11 x 7.9&quot; (32x28x20cm)</td>
</tr>
</tbody>
</table>

**D4 1200**

- D4 1200 Power Pack (510402)
- Item # PRD41200R........4695.00

**D4 2400**

- D4 2400 Power Pack (510403)
- Item # PRD42400R........4995.00
A photographer’s tools are a natural part of the creative process. Like a painter’s brush, an artist’s chisel or a musician’s instrument, their form and design should reflect their function, they should have the right feel, and they should be aesthetically pleasing. The Pro-7 was designed with that principle in mind, and the result is a series of tools that is easy to understand and work with. Just look, listen and touch. Look at the panel and you can start working right away. The Pro-7 has a shorter flash duration and faster recycling and provides more light. The flash duration is now at least 40% shorter, making the Pro-7 the optimum light source for freezing high speed objects. It gives you short exposure and razor sharp images, without any motion blurring. Recycling is faster at low power settings, than the motor speeds of all the cameras on the markets. The Pro-7 is a good investment for fashion photographers and other demanding professionals.

Wherever you travel, anywhere in the world, all you need to do is plug in the generator, and it will automatically adjust to any local voltage between 100v and 240v, 50-60 Hz. The Pro-7 series and all its accessories are compatible with the older Profoto Pro 6 products.

Before any products are sent out Profoto puts them through a rigorous and demanding series of tests. They check that the machine body and flashhead can manage 20 rolls of 36 exposure film (i.e. 720 flashes) per hour without overloading or overheating. This ensures that the products will satisfy the requirements of the world’s most demanding photographers. This is also the reason that Profoto studio equipment is the standard in most rental studios from New York to Tokyo, and this flash equipment is the most widely rented in the world. The modeling lamp control with its exclusive warm-up feature is another detail which contributes to quality. It protects the lamp from the sudden start-up surges. The lamp itself lasts for 2000 hours of use. You can use the 120v lamp anywhere in the world with its thicker filament because it’s less prone to damage during transport.
**PRO FOTO**

**PRO FLASH HEADS/SPOTLIGHTS**

**PRO FLASH HEADS**

Profoto flash heads are esteemed for their compact yet stable construction, reliability, ease of use and light quality. Now Profoto introduces the new ProHead and ProTwin, flash heads with an even more improved light quality and optimized functionality. The new fan is regulated to ensure minimized sound level in all situations. Due to a new glass cover design and improved mounting plate used under the flash tube/model lamp, the light is more color stable, the light distribution more even and the light output is increased. Despite the mains voltage, new electronics guarantee optimal function of the fan worldwide. The new ProHead and ProTwin provide 100% functionality with Profoto’s D4 and Pro-7 flash generators.

**Pro Head (701110)**

New robust design, accessory bracket, dual lead technology, fan cooled, incl. two uncoated Flashlamps, 500W Halogen Lamp, UV-coated removable frosted Glass Cover (10 15 18), Magnum 50° Reflector, Transport Cap, Stand Adapter, Handle and split Lamp Cable 11.5”. Max energy = 2x3000Ws.

**Item # PRPH** ............ 1279.95

**Pro Twin Head (701111)**

New robust design, accessory bracket, dual lead technology, fan cooled, incl. two uncoated Flashlamps, 500W Halogen Lamp, UV-coated removable frosted Glass Cover (10 15 18), Magnum 50° Reflector, Transport Cap, Stand Adapter, Handle and split Lamp Cable 11.5”. Max energy = 2x3000Ws.

**Item # PRPT** ..................... 1969.95

**Pro-7 Ring (701103)**

The ring flash fits all Pro-7 generators, and is an entirely mobile source of light. The interior diameter of 100mm provides plenty of space for professional camera lenses. Since the camera holder can be tilted forward and backwards, as well as upwards and downwards, most cameras can be attached. This makes an excellent source of light in cramped areas, such as the interior of an automobile. Many fashion photographers also use the ring flash to find new angles and capture details. The ring flash provides a very distinct, directed light. It can be complemented by a soft reflector which increases the light source, thereby producing a softer light with fewer sharp shadows. For close-ups, there is a reflector that focuses the light 50cm in front of the camera lens. In the case of objects smaller than the diameter of the light source, the result is a completely shadow free light. The maximum charge is 9600ws per minute. This means four flashes per minute at 2400ws, 8 flashes at 1200ws, 16 flashes at 600ws etc.

**Item # PRPR7** .................. 959.00

**Close-Up Reflector (505512)**

**Item # PRRCUPRF** .......... 249.95

**Pro Softlight Reflector (505511)**

**Item # PRSLPRF** .......... 253.95

**Pro Fresnel Softlight (506701)**

It has a large front lens to supply a great lighting effect, and the light is focused by pushing the lamp forward or backward. It is similar to those used in theatrical and movie lighting. For highly focused light at short or long distances.

**Item # PRSLPF** ................ 1269.50

**4-Sided Barndoors (506711)**

for Pro Fresnel.

**Item # PRBDPFSL** ............ 294.95

**Pro Focus (506703)**

The Pro Focus has a lens that can project a slide with clarity of definition. This spotlight is supplied with four shutter blades which allow the light to be projected as squares, triangles, narrow strips, etc. The pattern holder and six different pin-spots are included. This spotlight will also accept the iris diaphragm for stepless adjustment of a round point of light. The Pro Focus can be supplemented by a holder for slides, a heat absorbing filter is then required.

**Item # PRSLPFQ** .......... 3119.95

**Slide Holder 23x36mm (506721)**

**Item # PRSH35SL** .......... 126.50

**Heat Absorbing Filter (506723)**

for Slide Holders.

**Item # PRHAFSL** .......... 379.50

**Iris Diaphragm (506724)**

for Pro Zoom and Pro Focus.

**Item # PRDSL** .......... 254.95

**Pattern Holder (506726)**

for Pro Zoom and Pro Focus.

**Item # PRPHSL** .......... 64.95

**Pin Spot Set (506725)**

for Pro Zoom and Pro Focus.

**Item # PRPSSSL** .......... 74.95
**PRO PHOTO**

**DIFFUSERS/ REFLECTORS**

### SPECIAL DIFFUSERS

**Pro Globe**

The Pro Globe gives a surrounding light, similar to a bare bulb effect or, if mounted up, like a street lamp source. It can also be used as background lighting or placed underneath a photography table. Cinematographers call this a “Chinese Lantern”. Its soft, bare bulb effect is perfect for quick location lighting. When used in combination with a softbox mounted around it, the Pro Globe creates a very even light with soft shadows. The Pro Globe comes either with mountings to attach softboxes, or with lock springs to custom mount on softbox speed ring mounts.

**Pro Globe Only** (505509)

*Item # PRPGZ .......................... 212.50*

**Pro Globe w/Mounting Ring** (505508)

*Item # PRPGQ .......................... 434.95*

**Pro Box**

The Pro Box is primarily meant to provide even, shadowless lighting for small objects. Because its lighting is even all the way out to the edge, several boxes can be grouped together to achieve a larger lighting area. The Pro Box includes a 12” (31cm) table stand with rubber collar and clamp.

**The Pro Box with Table Stand** (701050)

*Item # PRPTS .......................... 519.00*

**Replacement Table Stand** (505561)

*Item # PRTSPB ......................... 18.95*

### SOFTLIGHT REFLECTORS

The silver-colored Softlight Reflector gives focused light, while at the same time providing soft shadow definition, thanks to its large reflecting area. It is especially suitable for lighting materials or subjects in which the structure should be emphasized.

The white Softlight Reflector also known as “The Beauty Dish” gives a soft, yet easily focused light. Meant to provide character lighting in portrait photography, the Softlight is superb for a wide variety of uses from product photography of highly reflective surfaces to an excellent light source for architectural or botanical details. Also, it’s a distinctive alternative to ordinary softbox diffusion. Character lighting refers to a source of light that is placed close to the subject. For both Softlight Reflectors, the center disc that blocks out the direct light can be replaced by a semi-opaque opal glass disc to create a center hot spot which also eliminates a donut-hole effect in specular highlights. Each reflector can be supplemented by a honeycomb grid to create soft, toned-down edge-lighting. The Softlight Grid accessory yields 10° coverage with silver, and 25° with the white for more directed light.

**Zoom Reflector** (505503)

The versatile Zoom Reflector is supplied with the Pro-7 head, the Acute2 head and is available separately. By pushing the reflector forward or backward the spread and effect of the light can be greatly altered. Along with its zoom feature, it accepts a variety of accessories including grid & filter holder, barndoors, snoot, and 5, 10, 20° grids for a wide range of light shaping possibilities. Has 65-110° area of coverage.

*Item # PRRZ .......................... 99.50*

**Magnum Reflector** (505504)

Used for maximum output with a normal beam spread. The Magnum reflector provides strong, smooth light. Although this is not a true focusing reflector, zooming it across the focal point does create interesting lighting effects. To achieve precise control over direction of the light, the Magnum can be supplemented by the ProTube and a honeycomb grid. Has a 50° area of coverage.

*Item # PRRM .......................... 194.50*

**Grid Reflector** 7” (505502)

Allows use of other brand 7” grids and accessories on Profoto heads.

*Item # PRRG .......................... 99.50*

**Disc Reflector** (505501)

The Disc Reflector is designed for use with an umbrella. It keeps the light from spilling off the edges of the umbrella. Its compact design allows the lamphead to be easily packed for carrying. It can be supplemented by a barndoor and a snoot. The Disc gives a low lighting effect as direct light without umbrellas.

*Item # PRRD .......................... 62.50*

**Narrow Beam Reflector** (505505)

The Narrow Beam Reflector (light-spread 32°), gives the greatest output of all the Profoto reflectors. To achieve precise control over the direction of light, the reflector can be extended by the ProTube and equipped with a honeycomb grid.

*Item # PRRNB ......................... 204.95*

**Softlight Reflector** Silver (505506)

Gives a center-weighted beam. Its large 19.7” (500mm) diameter gives soft shadow definition. Its finish is efficient and highly specular.

*Item # PRRSL ......................... 224.95*

**Replacement Glass Kit** (505542)

Incl. Frosted Glass Disc & Parts.

*Item # PRGKSLR ....................... 99.95*

**Softlight Reflector** White (505507)

Designed to give a wide, uniform and softlight as well as shadow definition. The gradual fall-off makes it perfect for close-up beauty photography.

*Item # PRRSLW ....................... 224.95*

**Semi-opaque Glass Disc** (505543)

for center of Softlight Reflector.

*Item # PRGSLRQ ...................... 69.95*

### REFLECTORS

**Zoom Reflector Silver** (505503)

Allow use of other brand 7” grids and accessories on Profoto heads.

*Item # PRRG ......................... 99.50*

**Disc Reflector Silver** (505501)

The Disc Reflector is designed for use with an umbrella. It keeps the light from spilling off the edges of the umbrella. Its compact design allows the lamphead to be easily packed for carrying. It can be supplemented by a barndoor and a snoot. The Disc gives a low lighting effect as direct light without umbrellas.

*Item # PRRD ......................... 62.50*

**Narrow Beam Reflector** Silver (505505)

The Narrow Beam Reflector (light-spread 32°), gives the greatest output of all the Profoto reflectors. To achieve precise control over the direction of light, the reflector can be extended by the ProTube and equipped with a honeycomb grid.

*Item # PRRNB ......................... 204.95*
### FOR NARROW BEAM & MAGNUM REFLECTORS

<table>
<thead>
<tr>
<th>Grid Type</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>10° Honeycomb Grid</td>
<td>PRGMR</td>
<td>163.50</td>
</tr>
<tr>
<td>Pro Tube</td>
<td>PRPTMR</td>
<td>332.50</td>
</tr>
</tbody>
</table>

**Pro Tube**
The Pro Tube accessory extends the Magnum and the Narrow beam reflectors for tighter, hotter light pattern. It can be supplemented by a grid.

### FOR SOFTLIGHT REFLECTORS

<table>
<thead>
<tr>
<th>Grid Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>25° Grid</td>
<td>PRGSLR</td>
<td>217.50</td>
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For Softlight Reflectors.

### FOR ALL REFLECTORS

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>Adapter Plate</td>
<td>PRAPR</td>
<td>103.50</td>
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<tr>
<td>Pro Tube</td>
<td>PRPTMR</td>
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### FOR DISK REFLECTOR

<table>
<thead>
<tr>
<th>Umbrella Type</th>
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<tbody>
<tr>
<td>Silver Umbrella</td>
<td>PRU41S</td>
<td>163.95</td>
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<tr>
<td>Transparent Umbrellas</td>
<td>PRU33T</td>
<td>74.50</td>
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<tr>
<td>Large Transparent Umbrella</td>
<td>PRU41T</td>
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<tr>
<td>White Umbrellas</td>
<td>PRU33W</td>
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<tr>
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### FOR ZOOM REFLECTOR

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<th>Accessory</th>
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<tbody>
<tr>
<td>4-Way Barndoor with Grid Holder</td>
<td>PRBDZR</td>
<td>159.95</td>
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<tr>
<td>5° Honeycomb Grid</td>
<td>PRG5ZR</td>
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<td>10° Honeycomb Grid</td>
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<td>20° Honeycomb Grid</td>
<td>PRG20ZR</td>
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### FOR NARROW BEAM & MAGNUM REFLECTORS

<table>
<thead>
<tr>
<th>Accessory</th>
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<tbody>
<tr>
<td>Filter Holder</td>
<td>PRFHZR</td>
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### FOR SOFTLIGHT REFLECTORS

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>Grid &amp; Filter Holder</td>
<td>PRGFKZR</td>
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### FOR ALL REFLECTORS

<table>
<thead>
<tr>
<th>Accessory</th>
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<tbody>
<tr>
<td>Filter Cassette</td>
<td>PRFCZR</td>
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### FOR DISK REFLECTOR

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<th>Accessory</th>
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<tbody>
<tr>
<td>Diffusion Filter</td>
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### FOR ZOOM REFLECTOR

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<tr>
<th>Accessory</th>
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<tbody>
<tr>
<td>Snoot</td>
<td>PRG529</td>
<td>92.95</td>
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</tbody>
</table>

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
5’ AND 7’ REFLECTORS

5’ and 7’ Reflectors
Profoto’s 5’ and 7’ reflectors are two large umbrella-like reflectors. They reproduce a unique hard light, but since the light source is large the light appears soft with a unique brilliance. Having two focusing positions, the spot position gives a directed parallel light from a large light source. This position gives a hard light with a unique wrapping quality that also could be perceived as a soft light with a distinct crisp appearance. In the wide position, the reflector gives a 100° angle that makes it possible to light a very large area evenly. The 5’ and 7’ reflectors are very easy to set-up and dismantle quickly. Multiple diffusers can be used for additional control. Supplied with deluxe travel bag.

5’ Reflector (505410) Item #PRRU5 .......................... 946.95
7’ Reflector (505411) Item #PRRU7 .......................... 1127.95

5’ Reflector Diffuser (505412) Optional diffuser for Profoto 5’ reflector increases evenness of illumination and reduces output by 1 f-stop.
Item #PRD5 ............................................. 79.95

7’ Reflector Diffuser (505413) Same as above with a 7’ diam.
Item #PRD7 ............................................. 97.95

8’ REFLECTOR

For three decades top photographers have appreciated the quality of light produced by Profoto’s flash heads. The unique focusable zoom reflector system makes it possible for the creative photographer to “paint” with light. Profoto has introduced the latest addition to the ever-expanding line of light shaping tools: the Profoto 8’ Reflector. The giant silver-lined parabolic reflector gives a very unique hard light, but since the light source is so large the light appears soft with a distinct brilliance which brings out structural details in materials. With a diameter of 9.1’ (2.8m), the Profoto 8’ Reflector has an illuminated area 50% larger than the 7’ Reflect and 200% larger than the 5” reflector. The reflector can be used with all Profoto Heads, including HMI and Tungsten, and is collapsible for easy transportation. The Profoto 8’ Reflector is supplied complete with mounting hardware and carrying case.

Profoto 8’ Reflector (505409) Item #PRRU8 ................. 1758.95
Diffuser for 8’ Reflector (505416) Item #PRD8 ............... 129.95

CABLES

16’ (5m) US Power Cable (504311) for Acute/PD575 Ballast.
Item #PRPCA ............................................ 74.95
16’ (5m) US Power Cable (504311) for Compact.
Item #PRPC ............................................. 74.95
16’ (5m) European Power Cable (504315) for Compact.
Item #PRPCC ............................................ 74.95
16’ (5m) Japan 100v Power Cable for Acute (504316)
Item #PRPCAJ .......................................... 84.50
16’ (5m) Japan 100v Power Cable for Compact (504316)
Item #PRPCC ............................................. 84.50
16’ (5m) Japan 100v Power Cable for Pro-6 (701293)
Item #PRPCCP6 ........................................ 93.95
16’ (5m) Japan 200v Power Cable for Pro-6 (701293)
Item #PRPCCP6X .................................... 103.50
16’ (5m) Japan 200v Power Cable for Acute (504317)
Item #PRPACA .......................................... 93.95
16’ (5m) Japan 200v Power Cable for Compact (504317)
Item #PRPAC ............................................. 93.95

SOFTBOXES

Profoto has introduced a new line of professional softboxes. These lightshapers offer the photographer perfectly even illumination from the center to the edges, combined with a narrower profile. Profoto softboxes offer a removable internal diffuser that offers additional versatility. With the internal diffuser attached, the light is even; when removed, the illumination is focused in the center of the box with a gradation out to the ends. Also featured as part of the new design, is a recessed front diffuser that can be removed to increase the contrast and produce a center-weighted spot effect. The units also have a velcro strip to hold accessories, such as barn doors and louvers.

2’ x 2’ Recessed Front Softbox (505701)
Item #PRSB2 .......................................... 228.95
2’ x 3’ Recessed Front Softbox (505702)
Item #PRSB23 ......................................... 263.95
3’ x 4’ Recessed Front Softbox (505703)
Item #PRSB34 ......................................... 304.95

1’ x 4’ Strip Recessed Front Softbox (505704)
Item #PRSB14 ......................................... 317.95
3’ Octa Bank Recessed Front Softbox (505705)
Item #PROB3 .......................................... 423.50
5’ Octa Bank Recessed Front Softbox (505706)
Item #PROB5 .......................................... 529.95

Speedring for Softboxes (505707)
Item #PRS ............................................. 102.50
## STANDS AND ADAPTERS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>PRGCCPD1200</td>
<td>Clear Glass Cover for PD1200.</td>
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<tr>
<td>PRLSM</td>
<td>Maxi Stand (4 Sections)</td>
<td>87.50</td>
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<tr>
<td>PRLSM</td>
<td>Minipro Stand (4 Sections)</td>
<td>79.95</td>
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<tr>
<td>PRLSA38</td>
<td>Stand Adapter 4-Edged</td>
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## GLASS DOME COVERS

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<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>PRGCPSPRF</td>
<td>Plate Set (6) for P7</td>
<td>96.95</td>
</tr>
<tr>
<td>PRGCCUVP7Q</td>
<td>Frosted UV-300 Glass Cover for PD575.</td>
<td>117.50</td>
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<tr>
<td>PRGCCAAB</td>
<td>Glass Cover - Clear UV for PD575.</td>
<td>449.95</td>
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## OVERHEAD STAND ADAPTERS

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<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>PRLSAO</td>
<td>Over Head Stand Adapter 5/8” (16mm)</td>
<td>24.95</td>
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<tr>
<td>PRLSAOH</td>
<td>Over Head Stand Adapter 5/8˝ 4-Edged</td>
<td>24.95</td>
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## FLASHLIGHTS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>PRFT1200</td>
<td>250w/120v Modeling Lamp</td>
<td>64.95</td>
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<tr>
<td>PRFT1250</td>
<td>250w/240v Modeling Lamp</td>
<td>64.95</td>
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<tr>
<td>PRFT500</td>
<td>500w Modeling Lamp</td>
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## MODELLING LAMPS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>PRFT250</td>
<td>250w/120v Modeling Lamp</td>
<td>64.95</td>
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<tr>
<td>PRFT500</td>
<td>500w Modeling Lamp</td>
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## ACCESSORIES

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>PRFTCB</td>
<td>Flashtube for ComPact</td>
<td>169.95</td>
</tr>
<tr>
<td>PRFTISP</td>
<td>Flashtube for ComPact Plus IPP/CP/IPPS</td>
<td>223.95</td>
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## GAS DOME COVERS

<table>
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<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRGCCA</td>
<td>Glass Cover - Frosted UV for AC/PAB/AB/ABT Heads</td>
<td>127.50</td>
</tr>
<tr>
<td>PRGCCB</td>
<td>Glass Cover - Clear UV for AC/PAB/ABT Heads</td>
<td>449.95</td>
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## LOCATION POWER DEVICE

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>PRGCP</td>
<td>Pro Gas must be used when powering Acute or ComPact</td>
<td>249.95</td>
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</table>

## MODELING LAMPS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>PRML100</td>
<td>100w Modeling Lamp</td>
<td>5.95</td>
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<tr>
<td>PRML250</td>
<td>250w/120v Modeling Lamp</td>
<td>64.95</td>
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## FLASHTUBES

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<tbody>
<tr>
<td>PRFTA2</td>
<td>Flashtube (502218) for Acute2 &amp; Compact 1200.</td>
<td>249.95</td>
</tr>
<tr>
<td>PRFTT2</td>
<td>Flashtube (50219) for Acute2 Twin Head.</td>
<td>299.50</td>
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<tr>
<td>PRFT2RF</td>
<td>Flashtube (501133) for Acute2 Ring Uncoated.</td>
<td>584.95</td>
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<tr>
<td>PRFUVA2</td>
<td>UV Flashtube 2400w/s for AC/PAB/AB/ABT Heads.</td>
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## EQUIPMENT LEASING AVAILABLE

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<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tr>
<td>PRML100</td>
<td>100w Modeling Lamp</td>
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<tr>
<td>PRML250</td>
<td>250w/120v Modeling Lamp</td>
<td>64.95</td>
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**STROBE LIGHTING**

**Packs & Heads**

**Pro Photo Accessories**
Black Line Power Supplies are engineered and built to work under the heavy use of motor drive shooting, multiple-pop exposures, and long hours. They are rugged and reliable components – from custom engineered heavy duty rocker switches and the new locking/quick release light unit connectors on the outside, to the proprietary circuitry on the inside. All seven Black Line power supplies, from the ultra-compact 400 w/s 405 to our 4800 w/s workhorse 4803cx, were designed, engineered and manufactured to provide this unprecedented proven performance. Speedotron equipment is backed by a 2-year warranty with an optional plus 3-year protection plan.

“01” Power Supplies

The 2401 power supply is the pack of choice for any photographer looking for the dependable power. Sports photographers bank on 2401s installed up in the stadium rafters. It is built to handle continuous flashing power over a prolonged period of time.

2401SX

Max. Power: 2400 w/s.
Recycle Time: 2.0 sec.
Power Channels: 3
Ratio Comb.: 53
Dial Down: N/A
Output Variations: 53
Head Outlets: 6
Special Features:
- Ratio
- Combined
- Forced Air Cooling
Weight: 27 lbs. (12.2kg)
Dimensions: 9 x 12 x 14” (22.9x30.5x35.6cm)

“03” Power Supplies

“03” power supplies provide the studio photographer with the maximum in sophisticated lighting versatility. Both packs have true power output ratioing, variable dial-down power control, and six quick release light unit outlets. This adds up to an incredible range of power options: the 4803cx with 270 power options, and the 2403cx with an unparalleled 530! The 4803cx has 4 standard light unit outlets, and 2 special outlets capable of providing a full 4800 w/s to 206Vf light unit only.

2403CX

Max. Power: 2400 w/s.
Recycle Time: 2.0 sec.
Power Channels: 3
Ratio Comb.: 53
Dial Down: 10
Output Variations: 530
Head Outlets: 6
Special Features:
- Ratio
- Dial Down Power
- LV Optional Remote
Weight: 28 lbs. (12.7kg)
Dimensions: 9 x 12 x 14” (22.9x30.5x35.6cm)

4803CX

Max. Power: 4800 w/s.
Recycle Time: 4.0 sec.
Power Channels: 3
Ratio Comb.: 27
Dial Down: 10
Output Variations: 270
Head Outlets: 6
Special Features:
- Ratio
- Dial Down Power
- LV Optional Remote
Weight: 42 lbs. (19.1kg)
Dimensions: 9 x 14 x 14” (22.9x35.6x35.6cm)

Lighting Tip

When shooting a stationary subject, proper exposure or greater depth of field may require more light than your flash can produce with one “pop”. You can use a technique called “multi-pop”. Fire the flash multiple times during the exposure. A few multi pop exposures or good flash meter will help you get shot you want.
Whether it's across town for a CEO's portrait or the middle of the Mojave for fashion at sundown, there's an "05" power supply that will meet your most demanding needs. True power output ratioing, variable dial-down power and model lamp intensity give you absolute control. Electronics engineered for reliability and safety on location shoots are housed in a dust-proof & compact sealed case.

### SPECIFICATIONS

**405 Power Supply**
- Max. Power: 400 w/s.
- Recycle Time: 1.3 sec.
- Power Channels: 2
- Ratio Comb.: 6
- Dial Down: 9
- Output Variations: 54
- Head Outlets: 3
- Special Features: Ratio, Dial Down Power
- Weight: 5 lbs. (2.3kg)
- Dimensions: 6.5 x 4.4 x 7.2" (16.5x11.2x18.3cm)

**805 Power Supply**
- Max. Power: 800 w/s.
- Recycle Time: 1.3 sec.
- Power Channels: 3
- Ratio Comb.: 19
- Dial Down: 9
- Output Variations: 171
- Head Outlets: 4
- Special Features: Ratio, Dial Down Power, Slave
- Weight: 7.7 lbs. (3.5kg)
- Dimensions: 7.2 x 4.4 x 8.6" (18.3x11.2x21.8cm)

**1205CX Power Supply**
- Max. Power: 1200 w/s.
- Recycle Time: 0.9 sec.
- Power Channels: 3
- Ratio Comb.: 21
- Dial Down: 9
- Output Variations: 189
- Head Outlets: 4
- Special Features: Ratio, Dial Down Power, Model Lamp
- Weight: 15 lbs. (6.8kg)
- Dimensions: 6.4 x 8.8 x 10" (16.3x22.4x25.4cm)

**2405CX Power Supply**
- Max. Power: 2400 w/s.
- Recycle Time: 2.0 sec.
- Power Channels: 3
- Ratio Comb.: 25
- Dial Down: 9
- Output Variations: 225
- Head Outlets: 4
- Special Features: Ratio, Dial Down Power, Model Lamp
- Weight: 23 lbs. (10.4kg)
- Dimensions: 6.4 x 8.8 x 13" (16.3x22.4x33cm)

**POWER SUPPLY ACCESSORIES**

- **Remote Control Device** (11247)
  - for 2403CX and 4803CX.
  - Item #SPRC2403CX............................75.95

- **Micro Slave** (23509)
  - for 1/4" Phone Plug.
  - Item #SPSQ.................................59.50

- **Phone Plug to Flat Blades Adapter** (35249)
  - for 405 and 805.
  - Item #SPPFBA405..............................21.95

- **PC Slave for PC Cord** (23507)
  - Item #SPSPC.................................47.95

- **Safe Sync Hot Shoe Adapter** (23508)
  - Item #SPSHSA.................................56.95
Speedotron light units are engineered with the same rigorous attention as their power supplies. Light units are made rugged to handle years of fast-paced high powered shooting. Even the flash tubes are performance tested to a minimum duty cycle of an incredible 100,000 flashes! They all utilize modular construction for easy storage and travel, are available with your choice of clear or color-corrected flash tube, are fan cooled and come with a bright 250W model lamp (with exception of the flat profile 103). All light units are cabled with the new locking/quick release power supply connector (which is compatible with all older Black Line power supplies).

### 102, 103, 105 LIGHT UNITS

The 102, 103 and 105 light units are constructed in aluminum, with sure-grip handles for precise aiming of light. The 4-tube 105s are recommended for any situation needing the action-stopping ability of short flash duration coupled with plenty of power. The 105 2-cable can handle up to 4800 w/s total, while the 105 4-cable can accept up to 2400 w/s to each of its flash tubes, for a total maximum output of 9600 w/s to be channeled through one light unit.

<table>
<thead>
<tr>
<th>Light Unit</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>102 Light Unit (122307) with 7” Reflector.</td>
<td>SP1027</td>
<td>$304.95</td>
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<tr>
<td>103 Light Unit (122327) with 7” Reflector.</td>
<td>SP1037</td>
<td>$279.95</td>
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<tr>
<td>102 Light Unit (1223011) with 11.5” Reflector.</td>
<td>SP10211</td>
<td>$304.95</td>
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<tr>
<td>103 Light Unit (1223211) with 11.5” Reflector.</td>
<td>SP10311</td>
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<tr>
<td>102 CC Light Unit (122317) with 7” Reflector.</td>
<td>SP102UV7</td>
<td>$309.50</td>
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<tr>
<td>103 CC Light Unit (122337) with 7” Reflector.</td>
<td>SP103UV7</td>
<td>$279.95</td>
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<tr>
<td>102 CC Light Unit (1223111) with 11.5” Reflector.</td>
<td>SP102UV11</td>
<td>$309.50</td>
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<tr>
<td>103 CC Light Unit (1223311) with 11.5” Reflector.</td>
<td>SP103UV11</td>
<td>$263.95</td>
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<tr>
<td>105 2-Cable Light Unit (12242)</td>
<td>SP1052C</td>
<td>$866.95</td>
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<tr>
<td>105 4-Cable Light Unit (12245)</td>
<td>SP1054C</td>
<td>$899.95</td>
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<tr>
<td>105 2-Cable CC Light Unit (12243)</td>
<td>SP1052CUVLH</td>
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<td>105 4-Cable CC Light Unit (12246)</td>
<td>SP1054CUV</td>
<td>$927.00</td>
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### 202VF, 206VF LIGHT UNITS

The 202VF and 206VF light units incorporate a focusing reflector mount which permits variable narrow to wide-angle coverage with all Black Line reflectors and accessories. They have uni-body construction utilizing a supertough high glass-fill nylon, with detachable stand mount and power cable for compact travel and storage. The 202VF can handle up to 2400 w/s of power, while the 206VF is rated to 4800 w/s and was designed for dedicated operation through the high power outlets on the 4803cx power supply. With the optional adapter cable, the 206VF can also be used with the standard power outlets on all Black Line power supplies.

<table>
<thead>
<tr>
<th>Light Unit</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>202VF Light Unit (122147) with 7” Reflector.</td>
<td>SP202VF7</td>
<td>$356.95</td>
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<tr>
<td>202VF CC Light Unit (122157) with 7” Reflector.</td>
<td>SP202VFUV7</td>
<td>$369.95</td>
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<tr>
<td>202VF Light Unit (1221411) with 11.5” Reflector.</td>
<td>SP202VF11</td>
<td>$356.95</td>
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<tr>
<td>202VF CC Light Unit (1221511) with 11.5” Reflector.</td>
<td>SP202VFUV11</td>
<td>$369.95</td>
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<tr>
<td>206VF Light Unit (122207) with 7” Reflector.</td>
<td>SP206VF7</td>
<td>$424.95</td>
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<tr>
<td>206VF CC Light Unit (122217) with 7” Reflector.</td>
<td>SP206VFUV7</td>
<td>$434.95</td>
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<tr>
<td>206VF Light Unit (1222011) with 11.5” Reflector.</td>
<td>SP206VF11</td>
<td>$424.95</td>
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<tr>
<td>206VF CC Light Unit (1222111) with 11.5” Reflector.</td>
<td>SP206VFUV11</td>
<td>$448.50</td>
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</table>
### FRESNEL AND ZOOM SPOT LIGHTS

**4.5˝ Fresnel Spot** (12346)
Based on the Lowel 650 chassis, this highly portable Fresnel Unit is intended primarily as a supplementary or accent light, but is capable of handling a full 2400ws of power.

- Complete with:
  - 1-14574 2400ws CC flash tube
  - 1-14510 150W modeling lamp
  - 1-Barndoor

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>SPF54S</td>
<td>4.5˝ Fresnel Spot</td>
<td>776.50</td>
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**8˝ Fresnel Spot** (12340)
When you need to project a spot of light that falls off in intensity, there’s nothing better than a fresnel. The Speedotron 8˝ fresnel spot is a complete focusing light unit with a 4800 w/s flash tube and 250W model lamp. With the optional 14202 adapter cable, the 8˝ fresnel spot can be used with the standard power outlets on all Black Line power supplies.

<table>
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<tr>
<th>Item #</th>
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<tr>
<td>SPF8</td>
<td>8˝ Fresnel Spot</td>
<td>784.95</td>
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</table>

**10˝ Fresnel Spot** (12343)
Speedotron introduces a powerful new 10˝ Fresnel Lens Spotlight. Based on the famed 10˝ DeSisti chassis, this 4800w/s light unit produces a whopping 900 full power guide number into the center of a tight 10˝ beam at ANSI 100. Spreading the beam with the focus knob allows you to increase the coverage to more than 50° and reduce the guide number by 1 1/2 f-stop.

- Comes complete with 11/8˝ yoke pin for suggested heavy duty cine stands, standard 5/8˝ stand mount, 4800w/s color corrected flash tube, 250w model lamp and 20´ head cable with a connector for Speedotron 4800w/s power supplies.

<table>
<thead>
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<tr>
<td>SPF10</td>
<td>10˝ Fresnel Spot</td>
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### REFLECTORS

**7˝ Umbrella Reflector** (14222)
for 202VF and 206VF lights.

<table>
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<tr>
<th>Item #</th>
<th>Description</th>
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<tr>
<td>SPR7U</td>
<td>7˝ Umbrella Reflector</td>
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**7˝ Umbrella Reflector** (14220)
for 102 and 103B lights.

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<td>SPR7U</td>
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**7˝ Narrow Beam Reflector** (14219)
for 102 light.

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<tr>
<td>SPR7NB</td>
<td>7˝ Narrow Beam Reflector</td>
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**7˝ Universal Black Reflector** (14221)
for snoots.

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<tr>
<td>SPR7UB</td>
<td>7˝ Universal Black Reflector</td>
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**11.5˝ Grid Reflector** (14225)

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<tr>
<td>SPR11G</td>
<td>11.5˝ Grid Reflector</td>
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**16˝ Grid Reflector** (14230)

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<td>16˝ Grid Reflector</td>
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**16˝ Universal Sports Reflector** (14231)

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<tr>
<td>SPR16US</td>
<td>16˝ Universal Sports Reflector</td>
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**20˝ Universal Reflector** (14235)

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<tr>
<td>SPR20U</td>
<td>20˝ Universal Reflector</td>
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**22˝ Beauty Light Grid Reflector** (14236)

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<tr>
<td>SPR22</td>
<td>22˝ Beauty Light Grid Reflector</td>
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**22˝ Grid Reflector Kit** (14241)
Reflector/Grid/Diffuser.

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<td>SPR22K</td>
<td>22˝ Grid Reflector Kit</td>
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**White Background Reflector** (14257)

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<tr>
<td>SPRBGW</td>
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**Background Reflector** (14258)
Anodized Aluminum.

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<td>SPRBGAA</td>
<td>Background Reflector</td>
<td>39.95</td>
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## ACCESSORIES

### SPEEDOTRON

#### STROBE LIGHTING

### PACKS & HEADS

### DIFFUSERS

<table>
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<tr>
<th>Description</th>
<th>Model</th>
<th>Price</th>
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<tr>
<td>7” Mylar Clip-On Diffuser</td>
<td>2525</td>
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<tr>
<td>11.5” Mylar Clip-On Diffuser</td>
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<tr>
<td>16/20” Lightsos Diffuser</td>
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<td>22” Lightsos Diffuser</td>
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### GRIDS

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<td>7” 3° Grid</td>
<td>14611</td>
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<td>7” 10° Grid</td>
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<td>7” 20° Grid</td>
<td>14613</td>
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<td>7” 30° Grid</td>
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<td>29.95</td>
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<td>7” 40° Grid</td>
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<td>11.5” 10° Grid</td>
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<td>11.5” 20° Grid</td>
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<td>11.5” 35° Grid</td>
<td>14603</td>
<td>42.95</td>
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<td>11.5” Grid Set 20°/35°</td>
<td>14608</td>
<td>84.95</td>
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<td>16” 20° Grid</td>
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<td>20” 20° Grid</td>
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<td>22” 25° Grid</td>
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### UMRELLAS

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<tr>
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<tr>
<td>11.5” Mylar Clip-On Diffuser</td>
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<td>20” Mylar Clip-On Diffuser</td>
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<td>18.95</td>
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<tr>
<td>11” Lightsos Diffuser</td>
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<tr>
<td>16/20” Lightsos Diffuser</td>
<td>24512</td>
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<tr>
<td>22” Lightsos Diffuser</td>
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#### BARNDOORS AND ACCESSORIES

<table>
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<tr>
<th>Description</th>
<th>Model</th>
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<tbody>
<tr>
<td>2-Leaf Barndoor (14217)</td>
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<td>2-Leaf Barndoor (14540)</td>
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<td>for 11.5” Reflector.</td>
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<td>2-Leaf Barndoor (14542)</td>
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<tr>
<td>for 16” Reflector.</td>
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<td>4-Way Barndoor (24215)</td>
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<tr>
<td>for 7” Reflector (Lowel-D220)</td>
<td>Item #SPBD47</td>
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<tr>
<td>4-Way Barndoors with Gel Holder (14211)</td>
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<tr>
<td>for 7” Reflector.</td>
<td>Item #SPBD4G7H</td>
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<td>4-Way Barndoors with Gel Holder (14212)</td>
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<td>for 11.5” Reflector.</td>
<td>Item #SPBD4G7H11</td>
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<td>Graduated Scrim (24504)</td>
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<td>for 4-Way Barndoor.</td>
<td>Item #SPSGBD7</td>
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<td>Half Scrim (24503)</td>
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<tr>
<td>for 4-Way Barndoor.</td>
<td>Item #SPSHBD7</td>
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<tr>
<td>Full Scrim (24505)</td>
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<tr>
<td>for 4-Way Barndoor.</td>
<td>Item #SPSFBD7</td>
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<tr>
<td>Cookaloris (24501)</td>
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<tr>
<td>for 4-Way Barndoor.</td>
<td>Item #SPCBD7</td>
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<tr>
<td>Diffused Glass Filter (24502)</td>
<td>37.95</td>
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<tr>
<td>for 4-Way Barndoor.</td>
<td>Item #SPDGBK7</td>
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#### GEL HOLDERS

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<tr>
<td>7” Gel Holder</td>
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<td>11.5” Gel Holder</td>
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<td>18.95</td>
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<tr>
<td>20” Gel Holder</td>
<td>25216</td>
<td>18.95</td>
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<tr>
<td>48” Super Silver Reflecter Umbrella</td>
<td>24534</td>
<td>47.95</td>
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<tr>
<td>34” Silver Reflecter Umbrella</td>
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<td>34” Super Silver Reflecter Umbrella</td>
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<td>35.95</td>
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#### UMBRELLAS

- White Umbrella
- Super Silver Umbrella
- Silver Umbrella

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## SOFTBOXES AND ACCESSORIES

<table>
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<th>Description</th>
<th>Model</th>
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<tr>
<td>16x22” Soft Box</td>
<td>14518</td>
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<tr>
<td>Speedring, for M 11/102/103/105/106.</td>
<td>24518</td>
<td>24518</td>
<td>161.95</td>
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<tr>
<td>24x32” Soft Box</td>
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<td>179.00</td>
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<tr>
<td>Speedring, for M 11/102/103/105/106.</td>
<td>24522</td>
<td>24522</td>
<td>179.00</td>
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<tr>
<td>36x48” Soft Box</td>
<td>14528</td>
<td>24528</td>
<td>199.00</td>
</tr>
<tr>
<td>Speedring, for M 11/102/103/105/106.</td>
<td>24528</td>
<td>24528</td>
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<tr>
<td>16x22” Soft Box with Speedring, for 202/206VF.</td>
<td>14518</td>
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<td>Speedring, for M 11/102/103/105/106.</td>
<td>24518</td>
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<td>24x32” Soft Box with Speedring, for 202/206VF.</td>
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<td>Speedring, for M 11/102/103/105/106.</td>
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<td>36x48” Soft Box with Speedring, for 202/206VF.</td>
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<td>199.00</td>
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</table>

## CASES

Air cases provide the travelling photographer with rugged protection for the equipment while adding minimum weight. Construction is a combination of corrugated polyethylene for rigidity and strength, plus polyethylene foam for shock absorption. All this is covered in ballistic nylon.

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Dimensions</th>
<th>Price</th>
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<tbody>
<tr>
<td>4-Head Air Case</td>
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<td>Dimensions: 28.5 x 8 x 14” (72.4x20.3x35.6cm).</td>
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<td>3-Section Air Case with Stands Section</td>
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<td>Dimensions: 33.5 x 14 x 13” (85.1x35.6x33cm).</td>
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## FLASH TUBES

<table>
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<td>4800 w/s, for 206VF/CC.</td>
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<td>4.5” Fresnel Flash Tube</td>
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SPEEDOTRON
ACCESSORIES

MISC. ACCESSORIES

250W/120V (ESS) Modeling Lamp (GBESS) for 102 and 202.
Item # GBESS.................................13.50

250W/120V Modeling Lamp (GBEYH) for Zoom Spot.
Item # GBEYH.................................19.95

150W/120V Modeling Lamp (GBETC) for 103.
Item # GBETC.................................12.79

Focus Collar (14239) For 202VF & 206VF light units.
Item # SPFC206VF............................20.95

Protective Tube Cover (Metal) (14250) for 102/103/104.
Item # SPFTC104...............................17.00

Protective Tube Cover (Metal) (14254) for 105/106.
Item # SPFTC106...............................25.95

Protective Tube Cover (Plastic) (14256) for 202/206VF.
Item # SPFTC206VF............................9.95

Slave Tripper (Wein L8) (23510) Remote light sensitive elect. switch.
Item # SPST.................................39.95

206VF Adapter Cable (14200) for 106/206VF. Converts connector to work with any Black Line power supply.
Item # SPAC206VF.............................59.95

20’ (6m) Detachable Head Cable (13207) for 103.
Item # SPLHC103B.............................89.95

20’ (6m) Detachable Head Cable (13207) for 203.
Item # SPLHC202VF.............................89.95

Cord Lox (3) Black Line (14590)
Item # SPLC3BL.................................4.95

Cord Lox (6) Black Line (14591)
Item # SPLC6BL.................................8.95

Power Cord (13550) for prior Power Supplies.
Item # SPPCBL.................................11.95

Power Cord (13551) for 405/805/1205/2405.
Item # SPPC2405..............................11.95

Power Cord (13555) for CX models.
Item # SPPC4803CX............................11.95

20’ (6m) Sync Extension Cord (13560) Household to Household.
Item # SPSCE20..............................11.95

20’ (6m) Sync Extension Cord (13561) for 405/805. Phono to Household.
Item # SPSCE20805.............................17.95

20’ (6m) Sync Extension Cord (13562) for 405/805. Phono to PC.
Item # SPSCE405.............................15.95

HEAD CABLES

20´ (6m) Detachable Head Cable (13207) for 103.
Item # SPLHC103B.............................89.95

20´ (6m) Detachable Head Cable (13207) for 202VF.
Item # SPLHC202VF.............................89.95

Cord Lox (3) Black Line (14590)
Item # SPLC3BL.................................4.95

Cord Lox (6) Black Line (14591)
Item # SPLC6BL.................................8.95

Power Cord (13550) for prior Power Supplies.
Item # SPPCBL.................................11.95

Power Cord (13551) for 405/805/1205/2405.
Item # SPPC2405..............................11.95

Power Cord (13555) for CX models.
Item # SPPC4803CX............................11.95

20´ (6m) Sync Extension Cord (13560) Household to Household.
Item # SPSCE20..............................11.95

20´ (6m) Sync Extension Cord (13561) for 405/805. Phono to Household.
Item # SPSCE20805.............................17.95

20´ (6m) Sync Extension Cord (13562) for 405/805. Phono to PC.
Item # SPSCE405.............................15.95

ACCESSORIES

220/240 Transformer (34132) up to 1200 w/s.
Item # SPGSD1000.............................129.95

Accessory Mounting Collar (14240) For mounting light units to box lights.
Item # SPMC.................................11.95

8.5’ (2.6m) Travel Stand (15561)
Item # SPLS8.5.................................56.95

9’ (2.7m) Folding Stand (15510)
Lifet ime warranty.
Item # SPLS9.................................89.95

9’ (2.7m) Air-Cushioned Stand (15512)
Lifet ime warranty.
Item # SPLSAC9.............................103.50

9’ (2.7m) Heavy Duty Air-Cushioned Stand (15513)
Lifet ime warranty.
Item # SPLS9ACHD.........................107.95

11’ (3.3m) Air-Cushioned Stand (15514)
Lifet ime warranty.
Item # SPLS11AC.........................125.95

11’ (3.3m) Heavy Duty Stand (15515)
Lifet ime warranty.
Item # SPLS11..............................116.95

Caster Set (15516) For 11’ (3.3m) Stand.
Item # SPCLS11.............................39.95

Auxiliary 10 lbs. Weight (13513)
Item # SPCW10..............................31.95

8’ (2.4m) Giant Boom Arm (13512) With 10 lbs. weight.
Item # SPBA8.................................134.95

Heavy Duty Dolly (13510) Accepts 2401, 2403 and 4803 power supplies, includes bracket for monopod.
Item # SPDHD.................................64.95

9’ (2.7m) Monopod (13515) For Heavy Duty Dolly.
Item # SPM9D.................................52.95

106/206VF Adapter Cable (14202) for 106/206VF. Converts connector to work with any Black Line power supply.
Item # SPAC206VF.............................59.95

20’ (6m) Detachable Head Cable (13207) for 202VF.
Item # SPLHC202VF .........................89.95

Cord Lox (3) Black Line (14590)
Item # SPLC3BL.................................4.95

Cord Lox (6) Black Line (14591)
Item # SPLC6BL.................................8.95

Power Cord (13550) for prior Power Supplies.
Item # SPPCBL.................................11.95

Power Cord (13551) for 405/805/1205/2405.
Item # SPPC2405..............................11.95

Power Cord (13555) for CX models.
Item # SPPC4803CX............................11.95

20’ (6m) Sync Extension Cord (13560) Household to Household.
Item # SPSCE20..............................11.95

20’ (6m) Sync Extension Cord (13561) for 405/805. Phono to Household.
Item # SPSCE20805.............................17.95

20’ (6m) Sync Extension Cord (13562) for 405/805. Phono to PC.
Item # SPSCE405.............................15.95

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
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To provide an easy and cost effective entry into Speedotron Black Line, 2 and 3-light systems are available. The 2-light economy/location system, 2-light air travel system and 3-light flash systems all come complete with basic equipment and accessories. Kits are available with different power supply options so they can be tailored to the photographer's needs.

2-LIGHT ECONOMY/DLUX LOC SYSTEMS

405 Economy 2-Light System (11278)
Includes:
(1) 405 Power Supply
(2) 103 Light Units with 7˝ Reflectors
(2) 25562 7.5˝ Stands
(1) 24538 40˝ Photek White Reflector Umbrellas
(1) 25533 3-Section Soft Case.
Item # SP405UX2K ..........1174.95

405 Economy 2-Light System (11279)
Same as above, except has (2) 103 color corrected lights.
Item # SP405UV2K ..........1174.95

805 Economy 2-Light System (11286)
Includes:
(1) 805 Power Supply
(2) 103 Light Units with 7˝ Reflectors
(2) 25562 7.5˝ Stands
(1) 24538 40˝ Photek White Reflector Umbrellas
(1) 25533 3-Section Soft Case.
Item # SP8052K ..........1384.95

805 Economy 2-Light System (11287)
Same as above, except has (2) 103 color corrected lights.
Item # SP805UV2K ..........1404.95

805 Deluxe 2-Light System (11288)
Includes:
(1) 805 Power Supply
(2) 202VF Light Units with 7˝ Umbrella Reflectors
(2) 25562 7.5˝ Stands
(1) 24538 40˝ Photek White Reflector Umbrellas
(1) 25533 3-Section Soft Case.
Item # SP805DU2K ..........1599.95

805 Deluxe 2-Light System (11290)
Same as above, except has (2) 202VF color corrected lights.
Item # SP805DUV2K ..........1619.95

2-LIGHT AIR TRAVEL SYSTEMS

1205cx 2-Light Air Travel System (11274)
Includes:
(1) 1205cx Power Supply
(2) 202VF Light Units with 7˝ Umbrella Reflectors
(2) 15510 9˝ Stands
(2) 24538 40˝ Photek White Reflector Umbrellas
(1) 15554 3-Section Air Case.
Item # SP1205CX2K ..........2189.95

1205cx 2-Light Air Travel System (11275)
Same as above, except has (2) 202VF color corrected lights.
Item # SP1205CUXUV2K ..........2209.95

2405cx 2-Light Air Travel System (11272)
Includes:
(1) 2405cx Power Supply
(2) 202VF Light Units with 7˝ Umbrella Reflectors
(2) 15510 9˝ Stands
(2) 24538 40˝ Photek White Reflector Umbrellas
(1) 15554 3-Section Air Case.
Item # SP2405CX2K ..........2699.95

2405cx 2-Light Air Travel System (11273)
Same as above, except has (2) 202VF color corrected lights.
Item # SP2405CUXUV2K ..........2719.95

3-LIGHT FLASH SYSTEMS

2401sx 3-Light Flash System (11296)
Includes:
(1) 2401sx Power Supply
(1) 12214 202VF Light Unit with 11.5˝ Grid Reflector
(2) 12214 202VF Light Units with 7˝ Reflectors
(1) 15515 11˝ Stand
(2) 15510 9˝ Stands
(1) 14528 36x48˝ Softlight Box.
Item # SP2401SX3K ..........2999.95

2403cx 3-Light Flash System (11292)
Includes:
(1) 2403cx Power Supply
(1) 12214 202VF Light Unit with 11.5˝ Grid Reflector
(2) 12214 202VF Light Units with 7˝ Reflectors
(1) 15515 11˝ Stand
(2) 15510 9˝ Stands
(1) 14528 36x48˝ Softlight Box.
Item # SP2403CX3K ..........2998.95

2403cx 3-Light Flash System (11293)
Same as above, except has color corrected light units.
Item # SP2403CXUV3K ..........2998.95

2405cx 3-Light Flash System (11294)
Includes:
(1) 2405cx Power Supply
(1) 12214 202VF Light Unit with 11.5˝ Grid Reflector
(2) 12214 202VF Light Units with 7˝ Reflectors
(1) 15515 11˝ Stand
(2) 15510 9˝ Stands
(1) 14528 36x48˝ Softlight Box.
Item # SP2405CX3K ..........3014.95

2405cx 3-Light Flash System (11295)
Same as above, except has color corrected light units.
Item # SP2405CXUV3K ..........3014.95

Who needs portraits in a small town?
Local theatre groups, high schools, stores, beginning models, store models, local businesses, high school bands, clubs, social functions, church groups, fairs, parades, newspapers — the list is endless. Most people like to stand out from the crowd with their own individual portraits.

Like all Speedotron equipment, Brown Line systems are made in the U.S.A. from the highest quality components available. All six Brown Line power supplies exhibit tough construction and compact design. Controls are rugged and simple. Switches click positively into position. Power distribution choices are clearly marked and diagrammed. Extra large capacity transformers are used to guarantee consistent performance, while operating within a very tolerant 105 to 125 volt AC input range. Power supplies accurately and consistently deliver an exact amount of power, flash after flash. This eliminates guesswork and chance from the exposure equation. Speedotron is designed for the maximum in control and versatility. All of the power supplies starting with the D402 can power up to four light units, with power split symmetrically or asymmetrically, giving the photographer the ability to create complex lighting schemes with only one pack. Add in the half-power option (quarter-power, too, on the D1204 and D1604) and turn the toughest lighting situations into beautiful images! Safety is also a Speedotron trademark. The 900 volt DC flash circuits - which give Brown Line power supplies their well-earned reputation for quick recycle - are arc-protected, and the cable connectors are arcless. A circuit breaker is incorporated to ensure safe, trouble-free operation. The flash trigger circuit utilizes an extremely low current of approximately 45 microamps. All Speedotron light units are made of metal for decades of use, convection cooled, and some come standard with a flash tube (optionally available with a color-corrected tube), modeling lamp(s), a reflector, 5/8” stand mount and 20’ (6m) connecting cable. The cable has a friction grip-lock and quick-disconnect, for safe and fast connections to any Brown Line power supply ever made. A full line of support and lighting control accessories is also available, giving photographers the ability to put the exact type of light they need, when and where they need it. Speedotron equipment is backed by a 2-year warranty, with an optional Plus-3 Protection Plan.

## D202 Power Supply

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<td>2</td>
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<td>Head Outlets</td>
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<td>Weight</td>
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## D402 Power Supply

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<td>Weight</td>
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<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>SPD402</td>
<td>369.95</td>
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</table>
The Brown Line D604 power supply is a travelling dynamo. At just over 11 lbs. (5kg), this compact pack produces 600 w/s of power – more than enough for most portrait and special event location assignments. It recycles in 2.3 seconds, and has an ISO 100 guide number of 320 with an M 11 light unit and 11.5˝ reflector. Add to that the versatility of four light unit outlets that can be split symmetrically or asymmetrically, and a half power option for additional control, and you have a power supply every professional can love.

**SPECIFICATIONS**

- **Max. Power:** 225-600 w/s.
- **Recycle Time:** 2.3 sec.
- **Power Channels:** 2
- **Head Outlets:** 4
- **Weight:** 11 lbs. (5.0kg)
- **Dimensions:** 9.1 x 5.9 x 5.9˝ (23.1x15x15cm)

**FEATURES**

The Brown Line D604 power supply is a travelling dynamo. At just over 11 lbs. (5kg), this compact pack produces 600 w/s of power – more than enough for most portrait and special event location assignments. It recycles in 2.3 seconds, and has an ISO 100 guide number of 320 with an M 11 light unit and 11.5˝ reflector. Add to that the versatility of four light unit outlets that can be split symmetrically or asymmetrically, and a half power option for additional control, and you have a power supply every professional can love.

**SPECIFICATIONS**

- **Max. Power:** 225-600 w/s.
- **Recycle Time:** 2.3 sec.
- **Power Channels:** 2
- **Head Outlets:** 4
- **Weight:** 11 lbs. (5.4kg)
- **Dimensions:** 9.1 x 5.9 x 5.9˝ (23.1x15x15cm)

**FEATURES**

At just over 14 lbs. (6.3kg), the 1200 w/s D1204 packs more than enough power for shooting product, people or interiors, in any format from 35mm to 8x10. Considered by many professionals as the perfect travelling power supply, the D1204 works equally well in the studio. With four light unit connectors and the ability to channel from 225 to 1200 w/s to a single light unit, it should be the first choice for photographers who handle a variety of assignments. The D1204 recycles in 4.1 seconds and has an ISO guide number of 450 with an M 11Q light unit and 11.5˝ reflector.

**SPECIFICATIONS**

- **Max. Power:** 300-1200 w/s.
- **Recycle Time:** 4.1 sec.
- **Power Channels:** 2
- **Head Outlets:** 4
- **Weight:** 14 lbs. (6.4kg)
- **Dimensions:** 9.1 x 5.9 x 7.9˝ (23.1x15x20.1cm)

**FEATURES**

When power in an affordable, single power supply versatile enough to go anywhere and do anything is the main consideration, there’s the Brown Line D1604. Recycling its 1600 w/s in just 6 seconds, and with an ISO 100 guide number of 540 with the M 110 light unit and 11.5˝ reflector, this pack can handle the rigors of any hard location or studio shoot. The D1604 is equipped with a quiet, powerful fan, making it suitable for hours of continuous, repetitive, full-power shooting.

**SPECIFICATIONS**

- **Max. Power:** 300-1600 w/s.
- **Recycle Time:** 5.9 sec.
- **Power Channels:** 2
- **Head Outlets:** 4
- **Weight:** 17 lbs. (7.7kg)
- **Dimensions:** 9.6 x 6.4 x 8.3˝ (24.5x16.3x21.1cm)
SPEEDOTRON
LIGHT UNITS

MW3R

The MW3R is a small, inexpensive secondary light source. It is designed to be used primarily as a hair light or background light; its small size makes it ideal for hiding on the set. The MW3R has a 60 watt modeling lamp, and a built in 5.5˝ reflector.

MW3R Light Unit (22206)
Item # SPMW3R ...........124.95

MW3R Light Unit (22207)
with Color-Corrected Flashtube.
Item # SPMW3RU ...........124.95

M90/ M90Q

The affordable M90 light units are perfect as main or fill light for portraiture. The M 90 (400 w/s maximum) and M 90Q (1200 w/s maximum) are equipped with fixed 8.5˝ reflectors. They accept snoots, diffusers, gel holders, barn doors, and umbrellas for versatile light control. There is also a 110° flood adapter available for increased, soft coverage. The M 90s can also be used with Speedotron small and medium rectangular Soft Light Boxes. As an added plus for portrait work, instead of utilizing one bright modeling lamp, the M 90s use three 25W lamps. This allows the models to look into the light without squinting and helps cut down on the amount of heat on the set.

M90 Light Unit (22212)
Item # SPM90 .................134.95

M90UV Light Unit (22213)
Same as above with color-corrected flashtube.
Item # SPM90UV ..............146.50

M90Q Light Unit (22217)
Item # SPM90Q ...............189.95

M90QUV Light Unit (22218)
Same as above with color-corrected flashtube.
Item # SPM90QUV ..............189.95

M11

For photographers who require absolute control and versatility in compact lighting, the M 11 series shines! The M11 1600 w/s maximum light can handle a multitude of lighting situations, in the studio or on location. It features a system of quick-release, bayonet mount reflectors, from 7” to 22”. The portable and bright 7” reflector produces a wide angle of coverage, making it ideal for use. For general purpose flood use, there’s the highly efficient 11.5˝ reflector. The 16” and 20” reflectors were created to produce a larger, more diffused source light perfect for portraits and products. The 22” has an internal baffle, offering the ultimate in precision lighting control. Each interchangeable reflector has its own series of accessories such as grids, snoots, diffusers, gel holders and barn doors. In all, there are over 50 Speedotron accessories that allow the M11 to produce the exact quality and amount of light needed, and deliver it to the specific location.

M11 Light Unit (22227)
with 7˝ Reflector.
Item # SPM11 ...............228.95

M11UV Light Unit (222307)
Same as above with color-corrected flashtube.
Item # SPM11UV .............224.95

M11UVX Light Unit (222307)
M 11 color-corrected light unit with 7˝ Reflector (220V).
Item # SPM11UVX ............238.50

M11 Light Unit (2222811)
M 11 with 11.5˝ Reflector.
Item # SPM1111 .............228.95

M1111UV Light Unit (2223011)
Same as above with color-corrected flashtube.
Item # SPM1111UV ...........229.95

M1111UVX Light Unit (2223011)
M 11 color-corrected light unit with 11.5˝ Reflector (220V).
Item # SPM1111UVX ........238.50

MW3U/ MW3UQ

The MW3U is of identical design as MW3R, but adapted for use with an umbrella. It can handle up to 400 w/s, and makes an excellent fill light. The MW3UQ is a quartz flashtube equipped (1200 w/s maximum) version of the same light. It is easily powerful enough to be used as a main light for many assignments, especially on location! Both lights utilize a bright 150W quartz halogen modeling light.

MW3U Light Unit (22218)
Item # SPMW3U .............134.95

MW3U Light Unit (22219)
Same as above except with color-corrected flashtube.
Item # SPMW3UQ ............144.95

MW3UQ Light Unit (22211)
Item # SPMW3UQ ............184.50

MW3UQV Light Unit (22211)
Same as above except with color-corrected flashtube.
Item # SPMW3UQV ...........202.50

TRI-LEVEL CONTROL

Tri-Level Control (22204)
Offers asymmetrical power distribution to older power supplies and an extended lighting range to newer ones. Plug it into any Brown Line pack and you have added an extra outlet to your system. Then simply flip the Tri-Level switch and create lighting combinations with a span of 1/2 f-stop to as great as 3x f-stops between various lights in a multi-light arrangement.

Item # SPTLC ...............89.95
REFLECTORS FOR M11

- **7˝ Black Reflector for Snoot** (14221)
  Item # SPR7UB .................. 23.50

- **7˝ Reflector** (24219)
  Item # SPR7UM11 ............... 25.95

- **11.5˝ Reflector** (24226)
  Item # SPR11GM11 .............. 31.95

- **16˝ Reflector** (24227)
  Item # SPR16GM11 ............. 39.95

20˝ Grid Reflector
Item # SPR20GM11 .......... 47.50

22˝ Beauty Light Grid Reflector
Item # SPR22QGM11 ......... 116.95

22˝ Beauty Light Grid Reflector Kit
Item # SPR22KQ ............... 269.95

GRIDS

- **7˝ 3° Grid** (14611)
  Item # SPG73 .................. 66.50

- **7˝ 10° Grid** (14612)
  Item # SPG710 ................. 34.50

- **7˝ 20° Grid** (14613)
  Item # SPG720 ................. 32.95

- **11.5˝ 10° Grid** (14601)
  Item # SPG11.510 .............. 64.50

- **11.5˝ 20° Grid** (14602)
  Item # SPG11.520 .............. 49.95

- **11.5˝ Grid Set 20/35°** (14608)
  Item # SPGS11.5 .............. 84.95

- **20˝ 20° Grid** (14625)
  Item # SPG20 .................. 89.95

- **22˝ 25° Grid** (14630)
  Item # SPG22 .................. 154.95

BARNDOORS AND ACCESSORIES

- **2-Leaf Barndoors** (14218)
  for 5.5˝ Reflector.
  Item # SPBD 5.5 ............... 34.95

- **2-Leaf Barndoor** (14217)
  for 7˝ Reflector.
  Item # SPBD 7 ................. 34.95

- **2-Leaf Barndoor** (14216)
  for 8.5˝ Reflector.
  Item # SPBD 8.5 ............... 34.95

- **2-Leaf Barndoor** (14540)
  for 11.5˝ Reflector.
  Item # SPBD 211 .............. 41.95

- **2-Leaf Barndoor** (14542)
  for 16˝ Reflector.
  Item # SPBD 216 .............. 51.95

- **4-Leaf Barndoor** (24215)
  for 7˝ Reflector (Lowel-D220).
  Item # SPBD 47 ............... 64.95

- **4-Way Barndoors** (14210)
  with Gel Holder, for M W 3R.
  Item # SPBD 4GH M W 3R .... 107.95

- **Half Scrim** (24503)
  for 4-Way Barndoors.
  Item # SPSH BD 7 .............. 19.95

- **Full Scrim** (24505)
  for 4-Way Barndoors.
  Item # SPBF BD 7 .............. 19.95

- **Diffused Glass Filter** (24502)
  for 4-Way Barndoors.
  Item # SPD GB D 7 .............. 37.95
## SPEEDOTRON
**ACCESSORIES/ LIGHT STANDS**

### LIGHT STANDS

<table>
<thead>
<tr>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>3.5´ Back Lite Stand</td>
<td>SPLSB3.5</td>
<td>39.95</td>
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<tr>
<td>8.5´ Stand (Black)</td>
<td>SPLSB8.5</td>
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<tr>
<td>9´ Air-Cushioned Stand</td>
<td>SPLSAC9</td>
<td>103.50</td>
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<tr>
<td>11´ (3.3m) Air-Cushioned Stand</td>
<td>SPLS11AC</td>
<td>125.95</td>
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<tr>
<td>11´ (3.3m) Heavy Duty Stand</td>
<td>SPLS11</td>
<td>116.95</td>
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<td>16˝ Gel Holder</td>
<td>SPFH5.5</td>
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<tr>
<td>7˝ Gel Holder</td>
<td>SPFH7</td>
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<td>8.5˝ Gel Holder</td>
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<td>10.5˝ Gel Holder</td>
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<td>11.5˝ Gel Holder</td>
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<td>16˝ Lightsox Diffuser</td>
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<td>20˝ Lightsox Diffuser</td>
<td>SPLSD20Q</td>
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### SNOOTS

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<tr>
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<tr>
<td>Universal Snoot</td>
<td>SP57</td>
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<td>Snoot (MW3R with 3&quot; Opening)</td>
<td>SPSWM3R3</td>
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<td>Snoot (MW3R with 2&quot; Opening)</td>
<td>SPSWM3R2</td>
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<tr>
<td>5.5˝ Gel Holder</td>
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### DIFFUSERS

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<tr>
<td>5.5˝ Mylar Clip-On Diffuser</td>
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<td>11.5˝ Mylar Clip-On Diffuser</td>
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### LIGHTSOX DIFFUSERS

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<tr>
<td>11˝ Lightsox Diffuser</td>
<td>SPLSD11.5</td>
<td>27.95</td>
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<tr>
<td>16/20˝ Lightsox Diffuser</td>
<td>SPLSD20Q</td>
<td>29.95</td>
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<tr>
<td>22˝ Lightsox Diffuser</td>
<td>SPD22</td>
<td>39.95</td>
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## Speedotron Umbrellas/Softboxes

### Umbrellas

<table>
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<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>48˝ Super Silver Reflector Umbrella (24534)</td>
<td>Item # SPU48SS</td>
<td>47.95</td>
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<tr>
<td>34˝ Silver Reflector Umbrella (24536)</td>
<td>Item # SPU34S</td>
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<tr>
<td>34˝ Super Silver Reflector Umbrella (24537)</td>
<td>Item # SPU34SS</td>
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### Softboxes

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<th>Model</th>
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<tr>
<td>16x22˝ Soft Box (24518)</td>
<td>with Speedring, for M 11/102/103/105/106. Item # SPSB1622M11</td>
<td>161.95</td>
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<tr>
<td>24x32˝ Soft Box (24522)</td>
<td>with Speedring, for M 11/102/103/105/106. Item # SPSB2432M11</td>
<td>179.95</td>
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<tr>
<td>36x48˝ Large Soft Box (24528)</td>
<td>with Speedring, for M 11/102/103/105/106. Item # SPSB3648M11</td>
<td>199.95</td>
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<tr>
<td>Speedring (24507)</td>
<td>for M 11/102/103/105/106. Item # SPSR M11</td>
<td>44.95</td>
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### MiscellaneouS

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<tr>
<th>Description</th>
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<tr>
<td>Accessory Mounting Collar for M11 (24240)</td>
<td>Item # SPM CM 11</td>
<td>11.95</td>
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<tr>
<td>Protective Tube Cover for M11 (24250)</td>
<td>Item # SPFT CM 11</td>
<td>19.95</td>
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<tr>
<td>Flood Adapter for M90 (25210)</td>
<td>Item # SPFAM 90</td>
<td>9.95</td>
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<tr>
<td>Low-Voltage Sync Adapter (35248)</td>
<td>Item # SPSAD 202Q</td>
<td>29.95</td>
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<tr>
<td>Slave Tripper (23510)</td>
<td>Item # SPST</td>
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### CableS and Cords

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<tr>
<td>Y-Cord (23250)</td>
<td>Item # SPYCD 202</td>
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<tr>
<td>20˝ (6m) Head Extension Cable Brown Line (24247)</td>
<td>Item # SPEC20</td>
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<td>Cord Lox (3) Brown Line (24590)</td>
<td>Item # SPLC3BRL</td>
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<td>Cord Lox (6) Brown Line (24591)</td>
<td>Item # SPLC6BRL</td>
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<tr>
<td>Power Cord (13550)</td>
<td>Item # SPPCBL</td>
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### FlashTubes and Modeling Lamps

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<tr>
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<tr>
<td>MW3 Flash Tube (24555)</td>
<td>400 w/s, for M W3R/U/M 90. Item # SPFTM 90</td>
<td>29.95</td>
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<tr>
<td>MW3C Flash Tube (24556)</td>
<td>400 w/s, for M W3R/u/M 90. Item # SPFTM 90</td>
<td>29.95</td>
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<tr>
<td>MW3Q Quartz Flash Tube (24569)</td>
<td>1200 w/s, for M W3UQ/M 90Q. Item # SPFTM 90Q</td>
<td>74.95</td>
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<tr>
<td>MW3QC Quartz Flash Tube (24570)</td>
<td>1200 w/s, f/M W3UQ/C/M 90Q C. Item # SPFTUVM 90Q</td>
<td>69.95</td>
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<tr>
<td>MW9B Flash Tube (24562)</td>
<td>1200 w/s, for M 11. Item # SPFTM 11</td>
<td>75.95</td>
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<td>MW9BC Flash Tube (24563)</td>
<td>1200 w/s, for M 11. Item # SPFTUVM 11</td>
<td>75.95</td>
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</table>

### For Any Inquiries Regarding Your Order, Call Our Customer Service:
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SPEEDOTRON

KITS

SPEEDOTRON has combined power supplies, light units and basic accessories into 26 cost-effective, 2, 3 and 4-light kits, to make it easy to start building your lighting system. From a lightweight 2-light system ideal for location portraiture on, up to a 4-light studio kit featuring the powerful D1604 power supply, there is sure to be a complete and ready to use configuration perfect for any portrait, product, or interior photographer. The incredibly portable 2-light systems feature a power pack, two M11 light units, with reflectors, umbrellas, stands, and soft carrying case; pack easily into the trunk of any car, and offers enough power and control options to handle a variety of assignments. They are available with the D202, D604, D802, D1204 and D1604 power supplies. The 3-light systems include a hair light and back light stand to increase the kit’s versatility. They are available featuring the D402, D604, D802B, D1204 and D1604. Kits utilizing the D604, D802B, D1204 and D1604 packs are available as 220V 50-60Hz European systems.

2-LIGHT SYSTEMS

DM202 2-Light System (21110)
Includes:
(1) 21219 D202 power supply
(1) 22208 M W3U 5.5˝ light unit
(1) 22212 M 90 8.5˝ light unit
(1) 24536 34˝ silver reflector umbrella
(1) 24533 48˝ white reflector umbrella
(2) 25562 7.5˝ travel light stands
(1) 25533 3-section soft carrying case.
Item # SPDM2022K ........ 647.95

DM202 2/CC-Light System (21111)
Same as above, except has
(1) 22210 M W3U color corrected, 5.5˝ light unit
(1) 22213 M 90 color corrected 8.5˝ light unit
Item # SPDM202V2K .. 629.95

DM604 LV 2-Light System (21130)
Includes:
(1) 21264 D604 LV power supply
(1) 22208 M W3U 5.5˝ light unit
(1) 22217 M 90Q 8.5˝ light unit
(1) 24536 34˝ silver reflector umbrella
(1) 24533 48˝ white reflector umbrella
(2) 25562 7.5˝ travel light stands
(1) 25533 3-section soft carrying case.
Item # SPDM6042K .......... 913.95

DM604 LV 2/CC-Light System (21131)
Same as above, except has
(1) 22210 M W3U color corrected 5.5˝ light unit
(1) 22218 M 90Q color corrected 8.5˝ light unit
Item # SPDM604V2K .. 913.95

DM604 LV 2/CC-Light System (21131)
Same as above, in 220V.
Item # SPDM604UV2K .. 1109.95

DM802 2-Light System (21140)
Includes:
(1) 21282 D802B power supply
(2) 22228 M 11 light units with 7˝ umbrella reflectors
(1) 24535 48˝ silver reflector umbrella
(1) 24533 48˝ white reflector umbrella
(2) 25562 7.5˝ travel light stands
(1) 25533 3-section soft carrying case.
Item # SPDM8022K .. 1079.95

DM802 2/CC-Light System (21141)
Same as above, except has
(2) 22230 M 11 color corrected light units with 7˝ umbrella reflectors
Item # SPDM802UV2K .... 1079.95

DM1204 LV 2-Light System (21150)
Includes:
(1) 21285 D1204 LV power supply
(2) 22229 M 11 light units with 7˝ umbrella reflectors
(1) 24535 48˝ silver reflector umbrella
(1) 24533 48˝ white reflector umbrella
(2) 25561 8.5˝ light stands
(1) 25535 4-section soft carrying case.
Item # SPDM12042K .... 1249.95

DM1204 LV 2/CC-Light System (21151)
Same as above, except has
(2) 22231 M 11 color corrected light units with 7˝ umbrella reflectors
Item # SPDM1204UV2K .. 1249.95

DM1604 LV 2-Light System (21160)
Includes:
(1) 21272 D1604 LV power supply
(2) 22229 M 11 light units with 7˝ umbrella reflectors
(1) 24535 48˝ silver reflector umbrella
(1) 24533 48˝ white reflector umbrella
(2) 25561 8.5˝ light stands
(1) 25535 4-section soft carrying case.
Item # SPDM16042K .... 1399.95

DM1604 LV 2/CC-Light System (21161)
Same as above, except has
(2) 22231 M 11 color corrected light units with 7˝ umbrella reflectors
Item # SPDM1604UV2K .. 1399.95

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3-LIGHT SYSTEMS

**DM402 3-Light System**

- Includes:
  1. 21240 D 402 power supply 400 w/s
  2. 22206 M 4 W 3R 5.5” light unit
  3. 22213 M 90 8.5” light units
  4. 25556 3.5” travel light stands
  5. 25554 4-section soft carrying case
  6. 24210 3” opening snoot for M 4 W 3R

*Item # SPDM4023K — 917.50*

**DM402 3/CC-Light System**

- Same as above, except has
  1. 22207 M 4 W 3R color corrected 5.5” light unit
  2. 22212 M 90 color corrected 8.5” light units

*Item # SPDM402UV3K — 917.50*

**DM604 LV 3-Light System**

- Includes:
  1. 21264 D 604 LV power supply 600 w/s
  2. 22228 M 11 11 light units with 7” umbrella reflectors
  3. 22206 M W 3R 5.5” light unit
  4. 24535 48” silver reflector umbrella
  5. 24533 48” white reflector umbrella
  6. 25561 8.5’ light stands
  7. 25555 3.5” back light stand
  8. 24210 snoot, 3” opening for M W 3R
  9. 25535 4-section soft carrying case

*Item # SPDM604UV3K — 1493.95*

**DM604 LV 3/CC-Light System**

- Same as above except has
  1. 22230 M 11 color corrected light units with 7” umbrella reflectors
  2. 22207 M W 3R color corrected 5.5” light unit

*Item # SPDM604UV3KQ — 1493.95*

**DM640 3-Light System**

- Includes:
  1. 21264 D 640 LV power supply 600 w/s
  2. 22206 M W 3R 5.5” light unit
  3. 22212 M 90 8.5” light units
  4. 22217 M 90Q 8.5” light unit
  5. 25556 7.5” travel light stands
  6. 25555 3.5” back light stand
  7. 25535 4-section soft carrying case
  8. 24210 3” opening snoot for M W 3R

*Item # SPDM6403K — 919.95*

**DM604 LV 3/CC-Light System**

- Same as above, except has
  1. 22230 M 11 color corrected light units with 7” umbrella reflectors
  2. 22207 M W 3R color corrected 5.5” light unit

*Item # SPDM604UV3KQ — 1228.95*

**DM802 3-Light System**

- Includes:
  1. 21282 D 802 power supply 800 w/s
  2. 22228 M 11 11 light units with 7” umbrella reflectors
  3. 22206 M W 3R 5.5” light unit
  4. 24535 48” silver reflector umbrella
  5. 24533 48” white reflector umbrella
  6. 25561 8.5’ light stands
  7. 25555 3.5” back light stand
  8. 24210 snoot, 3” opening for M W 3R
  9. 25535 4-section soft carrying case

*Item # SPDM8023K — 1219.95*

**DM802 3/CC-Light System**

- Same as above except has
  1. 22230 M 11 color corrected light units with 7” umbrella reflectors
  2. 22207 M W 3R color corrected 5.5” light unit

*Item # SPDM802UV3K — 1454.95*

**DM1204 LV 3-Light System**

- Includes:
  1. 21285 D 1204 LV power supply 1200 w/s
  2. 22228 M 11 11 light units with 7” umbrella reflectors
  3. 22206 M W 3R 5.5” light unit
  4. 24535 48” silver reflector umbrella
  5. 24533 48” white reflector umbrella
  6. 25561 8.5’ light stands
  7. 25555 3.5” back light stand
  8. 24210 snoot, 3” opening for M W 3R
  9. 25535 4-section soft carrying case

*Item # SPDM12043K — 1399.95*

**DM1204 LV 3/CC-Light System**

- Same as above except has
  1. 22230 M 11 color corrected light units with 7” umbrella reflectors
  2. 22207 M W 3R color corrected 5.5” light unit

*Item # SPDM1204UV3K — 1539.95*

**DM1604 LV 3-Light System**

- Includes:
  1. 21285 D 1604 LV power supply 1600 w/s
  2. 22228 M 11 11 light units with 7” umbrella reflectors
  3. 22206 M W 3R 5.5” light unit
  4. 24535 48” silver reflector umbrella
  5. 24533 48” white reflector umbrella
  6. 25561 8.5’ light stands
  7. 25555 3.5” back light stand
  8. 24210 snoot, 3” opening for M W 3R
  9. 25535 4-section soft carrying case

*Item # SPDM16043K — 1722.95*

**DM1604 LV 3/CC-Light System**

- Same as above, in 220V

*Item # SPDM1604UV3K — 1722.95*
### 4-Light Systems

**DDM402 4-Light System** (21214)
- Includes:
  1. 21240 D402 power supply 400 w/s
  2. 22206 MW3R 5.5" light units
  3. 22212 M90 8.5" light units
  4. 25562 7.5" travel light stands
  5. 25555 3.5" back light stand
  6. 24210 3" opening snoot for M W 3R

**DM604 LV 4-Light System** (21211)
- Includes:
  1. 21264 D604 power supply 800 w/s
  2. 22206 MW3R 5.5" light units
  3. 22212 M90 8.5" light unit
  4. 25561 8.5" travel light stands
  5. 25555 3.5" back light stand
  6. 14540 2-leaf barndoors for 11.5" reflector
  7. 24210 3" opening snoot for M W 3R

**DM1204 LV 4-Light System** (21216)
- Includes:
  1. 21285 D1204 LV power supply 1200 w/s
  2. 22206 MW3R 5.5" light units
  3. 22228 M11 11.5" light unit
  4. 22228 M 11 light unit with 7" reflector
  5. 25561 8.5" travel light stands
  6. 25555 3.5" back light stand
  7. 14540 2-leaf barndoors for 11.5" reflector
  8. 24210 3" opening snoot for M W 3R

### Cases

**3-Section Soft Sided Small Carry Case** (25533)
- Dimensions: 28.5 x 8 x 14" (72.4x20.3x35.6cm).
- Item # SPC3S .................84.95

**4-Section Soft-Sided Medium Carry Case** (25535)
- Dimensions: 35.5 x 13 x 11.5" (90.2x33x29.2cm).
- Item # SPC4SM ..............107.50

**3-Section Air Case with Stands Section** (15554)
- Dimensions: 33.5 x 14 x 13" (85.1x35.6x33cm).
- Item # SPCA3S ..........263.95

**4-Head Air Case** (15555)
- Dimensions: 37.5 x 16.5 x 10.5" (95.3x41.9x26.7cm).
- Item # SPCA4H ..........272.50
### Section 3

**Strobe Lighting - Monolights**

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*Source Book: Professional Lighting for Photo, Video, Cine & Theatrical*
CHOOSING MONOLIGHTS

Monolights are self-contained electronic flash systems; they are more versatile and more powerful than the flash on your camera but utilize the same technology and are recommended for sports, fashion and other special lighting applications if you're looking for truly professional results. Since moonlights are completely self-contained systems, they are quite portable and very suitable for location work. You will not have to worry about cables all over your set.

A monolight includes a direct connection to an electrical outlet on one end, a flash tube and modeling lamp on the other, and all the power conversion and lighting control in between.

The electronic flash tube surrounds an incandescent "modeling light". The modeling light is used to judge lighting effects and ratios prior to the actual exposure.

Selecting a good full-featured monolight system allows a great deal of lighting control in a very flexible and convenient package.

MONOLIGHT BENEFITS

- They are fully system compatible, accepting an entire range of accessories and light modifiers.
- Monolights are an economical way to enter the world of professional lighting.

CONSIDERATIONS

When choosing your monolight system compare the following features to make sure it will meet your creative needs for years to come.

1. Power – Monolights are available with many power options ranging up to 1500-Watt seconds. They feature variable power control covering a number of stops, and also offer proportional modeling lamps level control. Make sure controls are easy to see and operate.

2. Synchronization – Look for built-in slave cells with switching options.

3. Light modification – Check the flexibility of the system, i.e. number of interchangeable reflectors, umbrellas, stands etc.

4. Maintenance – Determine ease of replacing flash tubes, fuses, modeling lamps, cords, cables etc.

5. Safety & Quality – Check for recognized safety approvals, manufacturers warranty and how product will be serviced if necessary.

6. Starting Kits - A good way to start your system is by purchasing a complete kit consisting of 2 or 3 lights with stands, reflectors, umbrellas and case. This way you’ll be up and running in no time at all.
The Esprit Digital DX Series was designed and engineered for the photographer who needs an increased level of lighting precision. Whether it's the fine power-output adjustments for a crucial transparency shot or the refined repeatability that is so important with today's digital imaging tools, the Digital DX Series offers top performance and exceptional value for the money.

**FEATURES**

- Precision light-output adjustments to an accuracy of 1/10 f-stop.
- Power-control range of six f-stops from full to 1/32.
- Full Infra Red remote-control capabilities.
- Firing at 100% recharge for complete accuracy.
- User-replaceable flash tubes.
- Key functions controlled by membrane covered buttons on a side mounted panel.
- Built-in, switchable slave cell.
- Three position modeling lamp settings: off, on at 100% brightness, or in proportion to the flash power selected.

**RC-1 Infrared Remote Control (BW7520)**

Dedicated to both the Bowens DX and Digital 750 Pro Monoblocs, the RC-1 can remotely operate all principal functions from distances up to 33’ (10m). This handy device offers eight channel operation as well as power output up/down, photo cell on/off, capacitor switching, bracketing, modeling lamp functions, test/open flash, sounder on/off and function selector.

**SPECIFICATIONS**

**ESPRIT DIGITAL DX250**

- **Watts:** 250
- **Guide # ISO 100:** 197’ (60m)
- **Recycle Time:** 1.2 sec.
- **Flash Duration t0.5:** 1/100 sec.
- **Flash Variator Range:** Full to 1/32
- **Stepless Power Variation:** 1/10 f-stops
- **Flash Inhibit Circuit:** Yes
- **Ready Light Indication:** At 100% charge
- **Switchable Slave Cell:** Built-in
- **Weight:** 6.6 lbs. (3kg)
- **Dimensions:** 6.7 x 4.9 x 15.3” (170x125x390mm)

**ESPRIT DIGITAL DX500**

- **Watts:** 500
- **Guide # ISO 100:** 269’ (82m)
- **Recycle Time:** 1.4 sec.
- **Flash Duration t0.5:** 1/700 sec.
- **Flash Variator Range:** Full to 1/32
- **Stepless Power Variation:** 1/10 f-stops
- **Flash Inhibit Circuit:** Yes
- **Ready Light Indication:** At 100% charge
- **Switchable Slave Cell:** Built-in
- **Weight:** 7 lbs (3.2kg)
- **Dimensions:** 6.7 x 4.9 x 15.3” (170x125x390mm)

**ESPRIT DIGITAL DX1000**

- **Watts:** 1000
- **Guide # ISO 100:** 394’ (120m)
- **Recycle Time:** 2.3 sec.
- **Flash Duration t0.5:** 1/1500 sec.
- **Flash Variator Range:** Full to 1/32
- **Stepless Power Variation:** 1/10 f-stops
- **Flash Inhibit Circuit:** Yes
- **Ready Light Indication:** At 100% charge
- **Switchable Slave Cell:** Built-in
- **Weight:** 9.7 lbs (4.4kg)
- **Dimensions:** 6.7 x 4.9 x 17.7” (170x125x450mm)

**ORDER & INFORMATION** (212) 444-6641  •  FAX: (212) 239-7770  (800) 947-7008
1-800-947-9941  •  www.bhphotovideo.com

B & H PHOTO • VIDEO • PRO AUDIO
**ESPRIT 2 SERIES**

The Esprit 2 is the latest incarnation of the best-selling Bowens’ monolights. For over 30 years, Bowens has earned its representation as one of the world’s most respected manufacturers of professional lighting equipment. This new generation reflects many refinements, making the Esprit 2 better, faster and more compact than ever before. See for yourself why Bowens monoblocs are used by professional image makers throughout the world.

**SPECIFICATIONS**

**ESPRIT 2 250**

- **Power:** 250 w/s.
- **Guide No.:** 197 ft. (60m) - ISO 100.
- **Recycling:** 0.85 sec.
- **Flash Duration:** 1/1600 sec.
- **Flash Power Variation:** Full to 1/4.
- **Weight:** 6.5 lbs. (2.9kg)
- **Dimensions:** 141/4x53/4˝ (length x diameter) (36x14.6cm)

**ESPRIT 2 500**

- **Power:** 500 w/s.
- **Guide No.:** 269 ft. (82m) - ISO 100.
- **Recycling:** 2 sec.
- **Flash Duration:** 1/700 sec.
- **Flash Power Variation:** Full to 1/32.
- **Weight:** 7.5 lbs. (3.4kg)
- **Dimensions:** 141/4x53/4˝ (length x diameter) (36x14.6cm)

**ESPRIT 2 1000**

- **Power:** 1000 w/s.
- **Guide No.:** 394 ft. (120m) - ISO 100.
- **Recycling:** 1 sec.
- **Flash Duration:** 1/1500 sec.
- **Flash Power Variation:** Full to 1/32.
- **Weight:** 10 lbs. (4.5kg)
- **Dimensions:** 173/4x53/4˝ (length x diameter) (45x14.6cm)

**ESPRIT 2 1500**

- **Power:** 1500 w/s.
- **Guide No.:** 525’ 160m - ISO 100 at 1500w/s.
- **Recycling:** 2.9 sec. at 1500w/s
  1.9 sec. at 1000w/s
  1.1 sec. at 500w/s
- **Flash Duration:**
  1/1100 sec. at 1500w/s
  1/1500 sec. at 1000w/s
  1/2200 sec. at 500w/s
- **Flash Power Variation:**
  Full to 1/32.
- **Weight:** 11 lbs. (5kg)
- **Dimensions:** 193/4x53/4˝ (length x diameter) (49x14.6cm)

**ESPRIT 2 250 (BW1015)**

Item # BOE2250 .......... 479.95

**ESPRIT 2 500 (BW1016)**

Item # BOE2500 .......... 549.95

**ESPRIT 2 1000 (BW1017)**

Item # BOE21000 .......... 843.95

**ESPRIT 2 1500 (BW1018)**

Item # BOE21500 .......... 1339.50

[www.bhphotovideo.com](http://www.bhphotovideo.com)
Small Umbrella Reflector (BW1885)
Designed to be used with and to support umbrellas, this reflector has a very wide, even coverage, making it perfect to spread light over broad areas. Its very small diameter creates hard shadows and high contrast lighting.
Item # BORUS .................. $53.95

Maxilite 65° Reflector (BW1887)
This is a good general-purpose direct reflector with an even coverage and a high-light output. Since it has a small diameter, the light it produces is moderately high contrast. The stippled surface ensures a smooth and even light distribution.
Item # BORML ............... $59.95

Softlite 75° Reflectors (BW1899)
These 40cm matt-finished reflectors are supplied with a double diffuser cap that covers the flash tube and modeling lamp for added softness. The softest of Bowens' direct reflectors, it is perfect for portraiture, beauty and small product photography. The diffuser cap can be removed, making it an excellent, large-diameter, direct reflector.
Item # BORSRL ........... $119.95

Sunlight 40° Reflector (BW1888)
A 43cm white-painted reflector designed to replicate sunlight for photographing such things as architectural models. The white painted interior of the Sunlight reflector helps ensure it is even in its coverage.
Item # BORS ........... $167.95

Oval Grid Diffuser (BW1866)
This is an accessory to the Softlite reflector that creates a unique lighting effect by including a perspex outer diffuser with a honeycomb grid in the center. The Grid Diffuser gives a pool of direct light in the center, surrounded by soft-diffused light. The ratio between the center and edge is 3:1 - ideal for a portrait applications.
Item # BODSLR .......... $174.95

**SPECIFICATIONS**

**Power:** 750, 500 or 250ws (selectable).

**Guide No.:** 335 ft. (102m) @ ISO 100 w/keylite reflector.

**Recycling:** 1 sec (230V)
1.5 sec (120V)

**Flash Duration:**
1/1700 sec. at 750w/s
1/2240 sec. at 500w/s

**Fan Cooled:** Yes

**Features:** Audio ready signal, Auto power dumping.

**Flash Power Variation:** 7 - 750ws.

**Weight:** 10 lbs. (4.5kg)

**Esprit Digital 750**

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<tr>
<td>BW1866</td>
<td>Opal Grid Diffuser</td>
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Jetstream Wind Machine (BW2500B)
The variable-speed jetstream Wind Machine makes special effects a breeze and adds a sense of motion to your shots. It's great for glamour shots or for controlling the smoke or fog on a set. For maximum gusts, turn the control to full power and you'll create 2400 RPM of controllable wind! Its remote operating cable enables you to operate its speed from up to 20' (6m) away, so you can adjust the effects from your camera from a gentle draft to an intense, steady bluster. Includes a 5/8" mount to fit most light stands. Weight: 13.2 lbs. (6kg) Dimensions: 11.8 x 9.8" (30x25cm) Item #BOJSWM ..........1019.95

Fresnel 200 Spot Attachment (BW2914)
Spotlight effects are available with the use of the Fresnel 200 Spot Attachment on Bowens Monolight heads. A soft controllable pool of light is produced by the built-in fresnel lens. The 200mm Fresnel lens produces that classic Hollywood-style of lighting, which is unique to Fresnel spots. A built-in iris gives very tight control of the light pool, making it ideal for product photography. Also good for classic portraits and for precise control in commercial work. Item #BOF200SA ..........478.95

Supersoft 600 Diffuser Reflector (BW1884)
The Supersoft 600 is the ultimate soft beauty light. There are three layers of diffusion, creating a completely even front diffuser. The internal baffle is printed with a computer-designed light distribution pattern to ensure that the bright center usually for a reflector is reduced. A double-layer front diffuser completes the softening effect. Provides perfectly round catch lights for fashion and beauty applications. Item #BORDQ ...............238.95

Maxilite Honeycomb Grids
These fit on to the front of the Maxilite Reflector and deliver a very tightly controlled pool of illumination, creating a highly efficient spot effect.

Jetstream Wind Machine

Fresnel 200 Spot Attachment

Supersoft 600 Diffuser Reflector

Snoot

Multi Clip
The Minipuls C40, C80 and C200 are the smallest, most portable units compatible with the Pulso accessory line. If you already own Broncolor accessories and you need portable, lightweight units for location work, Minipuls C is the ideal solution.

**Features**
- New redesigned metal housing
- Rated at 300, 600, and 1500ws respectively
- Bright 250w halogen modeling lamp, no sacrifice in terms of ease of use
- 3 stop continuously adjustable output range
- t0.1 flash durations (equivalent to camera shutter speeds) of 1/400 and 1/250 sec. respectively
- Flash voltage of the Minipuls is stabilized to within +/- 1% of the selected level or consistent output, time after time
- Can be triggered by sync cord, infrared sync or white light slave
- Comes complete with flashtube, clear protection dome, modeling light, sync cable, power cord and protection cap.

**Minipuls C40 Specifications**
- Capacity: 300ws
- Output: f/32
- Flash Duration t 0.5: 1/1000 sec.
- Recycle Time: 1.3 sec.
- Triggering: IR/Cord/Cell
- Adjustment Range: 3 stops continuously variable
- Modeling Light: 250W - proportional to flash power
- Weight: 5.2 lbs. (2.4kg)
- Dimensions: 4.5” x 4” x 16” (11.3 x 10.1 x 40.6cm)

**Minipuls C80 Specifications**
- Capacity: 600ws
- Output: f/45
- Flash Duration t 0.5: 1/600 sec.
- Recycle Time: 1.9 sec.
- Triggering: IR/Cord/Cell
- Adjustment Range: 3 stops continuously variable
- Modeling Light: 250W - proportional to flash power
- Weight: 6 lbs. (2.7kg)
- Dimensions: 4.5” x 4” x 16” (11.3 x 10.1 x 40.6cm)

**Minipuls C200 Specifications**
- Capacity: 1500ws
- Output: f/64
- Flash Duration t 0.5: 1/1000 sec.
- Recycle Time: 2.4 sec.
- Triggering: IR/Cord/Cell
- Adjustment Range: 4 stops continuously variable
- Modeling Light: 250W - proportional to flash power
- Weight: 10 lbs. (4.5kg)
- Dimensions: 4.5” x 4” x 19.5” (11.3 x 10.1 x 49.5cm)

**Minipuls Kits**
- Minipuls Travel Kit C (112020)
  Kit includes:
  - (2) Minipuls C40 (1) Sync Cable
  - (2) P-Travel Reflectors
  - (1) Barndoor for P-Travel
  - (2) Stands (1) Stand Bag (1) Case
  Item # BRMTKC ............ 2644.50

- Minipuls Classic Kit C (112025)
  Kit includes:
  - (1) Minipuls C80
  - (2) Minipuls C40
  - (2) P-Travel Reflectors
  - (1) Barndoor for P-Travel
  - (1) Pulsoflex 80 (3) Stands
  - (1) Sync Cable (1) Stand Bag (1) Case
  Item # BRMCKC ............ 4354.95
The new Broncolor Minipuls D160 makes it even easier for you to use self-contained monolights in your studio or on location. The D160 gives you more precise control than you would find in most power packs, and compatibility with the world's largest line of lighting accessories. The D160+ version also features Mac/PC interface software, delivering centralized control of a studio full of Minipuls for digital and conventional photographers alike.

D160 FEATURES
- Completely self-contained monolight design.
- Digital touchpad controls.
- Illuminated power level display on the back and both sides of the unit, visible from anywhere in the studio, even in the dark.
- 1200ws power.
- Dual voltage - switchable.
- Precise, repeatable 1/10 f/stop adjustments.
- Automatic proportional modeling lights.
- Built-in infrared and white light slave.
- Flash sequence and delay, “Plus” upgradable to Mac/PC control.
- Compatible with virtually all Broncolor accessories - seamless integration with existing power packs and heads.
- Engineered for legendary Broncolor accuracy, reliability and safety.

D160+ ADDITIONAL FEATURES
- Mac/PC control software for remote hardwired operation of all pack functions.
- Connect multiple units to one computer - the convenience of centralized control with the built-in redundancy of individual self-contained monolights.
- Can be software-controlled simultaneously with Grafit A+ packs.
- The perfect addition to any digital studio.

MINIPULS KITS

Minipuls Location Kit 2 (112010) Kit includes:
(2) Minipuls C200 (2) P-Travel Reflectors (2) Stands (1) Sync Cable (1) Stand Bag (1) Case Item # BRMLK2 .................................................4534.95

Minipuls Basic Kit C (112040) Kit includes:
(1) Minipuls C80 incl. flashtube, modeling lamp, protecting glass and grey transport protection cap, mains cable (1) P Travel reflector (1) Umbrella reflector (1) White umbrella (1) 16’ (5m) sync cable (1) Bag (1) Stand Item # BRMBKC ...............1941.00

Minipuls Location Kit 3 (112015) Kit includes:
(3) Minipuls C200 (2) P-Travel Reflectors (1) Barn Door for P-Travel (1) Umbrella Reflector (1) Silver Umbrella (1) Pulsoflex 80 (1) IRX Transmitter (3) Stands (1) Stand Bag (1) Case Item # BRMLK3 ...............7599.95

LIGHTING TIP
Always keep a couple of spare sync cords handy. You never know when the cord or connector will break down.

MINIPULS D/KITS

Minipuls D160 (111600) 1200ws Compact Flash. Item # BRMD160 .................2159.95

Minipuls D160+ (111660) Same as above with Mac/PC interface. Item # BRMD160P ........884.95

SPECIFICATIONS

Capacity: 1200ws
Output: f/45-2/3
Flash Duration t 0.5: 1/1000 sec.
100% Recycle Time: 0.5-2.2 sec.
Triggering: IR/Cord/Cell
Adjustment Range: 5 stops, 1/10 stop increments
Modeling Light: 300W - proportional to flash power
Weight: 10 lbs. (4.5kg)
Dimensions: 4.5” x 4” x 19.5” (11.3x10.1x49.5cm)
**REFLECTORS & ACCESSORIES**

### REFLECTORS

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<tr>
<th>Reflector Type</th>
<th>Model Code</th>
<th>Details</th>
<th>Item Code</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>P45 Narrow Angle Reflector</td>
<td>120045</td>
<td>For Primo &amp; Pulso heads. 45° angle, f/stop 128, 11.5&quot; dia. x 14&quot; depth.</td>
<td>#BRRP45</td>
<td>$398.50</td>
</tr>
<tr>
<td>P50 Reflector</td>
<td>120050</td>
<td>For Pulso heads. 50° angle, f/stop 128%, 13.5&quot; dia. x 15.5&quot; depth.</td>
<td>#BRRP50</td>
<td>$584.95</td>
</tr>
<tr>
<td>P65 Reflector</td>
<td>120065</td>
<td>For Pulso heads. 65° angle, f/stop 128%, 11&quot; dia. x 9.5&quot; depth.</td>
<td>#BRRP65</td>
<td>$257.50</td>
</tr>
<tr>
<td>P120 Wide Angle Reflector</td>
<td>120120</td>
<td>For Primo &amp; Pulso heads. 120° angle, f/stop 45°, 8.5&quot; dia. x 1.7&quot; depth.</td>
<td>#BRRP120</td>
<td>$114.95</td>
</tr>
<tr>
<td>P70 Reflector</td>
<td>120070</td>
<td>For Primo &amp; Pulso heads. 70° angle, f/stop 90%, 9&quot; dia. x 7.5&quot; depth.</td>
<td>#BRRP70</td>
<td>$204.95</td>
</tr>
<tr>
<td>P-Travel Reflector</td>
<td>120055</td>
<td>For Primo &amp; Pulso heads. 55° angle, f/stop 64%, 7.5&quot; dia. x 3.5&quot; depth.</td>
<td>#BRRPT</td>
<td>$109.95</td>
</tr>
<tr>
<td>Softlight Reflector</td>
<td>120080</td>
<td>For Primo &amp; Pulso heads. f/stop 45°, 20&quot; dia. x 7&quot; depth.</td>
<td>#BRRSLP</td>
<td>$199.95</td>
</tr>
<tr>
<td>Umbrella Reflector</td>
<td>120041</td>
<td>For Pulso heads.</td>
<td>#BRURM</td>
<td>$199.95</td>
</tr>
<tr>
<td>Conic Snoot</td>
<td>120073</td>
<td>For Primo &amp; Pulso heads. 20° angle, 3&quot; dia. x 10&quot; depth.</td>
<td>#BRSPQ</td>
<td>$183.95</td>
</tr>
</tbody>
</table>

### REFLECTOR ACCESSORIES

<table>
<thead>
<tr>
<th>Accessory Type</th>
<th>Model Code</th>
<th>Details</th>
<th>Item Code</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Filters</td>
<td>120370</td>
<td>For P70 reflector. Set of 12.</td>
<td>#BRFCP70BD</td>
<td>$129.95</td>
</tr>
<tr>
<td>Gray Filters</td>
<td>120373</td>
<td>For P70 reflector. Set of 12.</td>
<td>#BFGP70BD</td>
<td>$144.95</td>
</tr>
<tr>
<td>Opal Diffusers</td>
<td>120374</td>
<td>For P70 reflector.</td>
<td>#BRDGP70BD</td>
<td>$144.95</td>
</tr>
<tr>
<td>Diffuser</td>
<td>120383</td>
<td>For Softlight reflector.</td>
<td>#BRDSL</td>
<td>$268.95</td>
</tr>
<tr>
<td>Honeycomb Grid</td>
<td>120165</td>
<td>For P45 and P65 reflectors. Set of 3.</td>
<td>#BRGP45</td>
<td>$114.95</td>
</tr>
<tr>
<td>Honeycomb Grid</td>
<td>120182</td>
<td>For P50 reflector. Set of 3.</td>
<td>#BRGP50</td>
<td>$129.95</td>
</tr>
<tr>
<td>Honeycomb Grid</td>
<td>120170</td>
<td>For P70 reflector. Set of 3.</td>
<td>#BRGP70</td>
<td>$289.95</td>
</tr>
<tr>
<td>4-Wing Barndoor</td>
<td>120266</td>
<td>For P45 and P65 reflectors.</td>
<td>#BRDP45</td>
<td>$654.95</td>
</tr>
<tr>
<td>4-Wing Barndoor</td>
<td>120271</td>
<td>For P70 reflector.</td>
<td>#BRDP704</td>
<td>$389.95</td>
</tr>
<tr>
<td>2-Wing Barndoor</td>
<td>120270</td>
<td>For P70 reflector.</td>
<td>#BRDP702</td>
<td>$299.95</td>
</tr>
<tr>
<td>2-Wing Barndoor</td>
<td>120155</td>
<td>For P-Travel reflector.</td>
<td>#BRDPT</td>
<td>$129.95</td>
</tr>
<tr>
<td>40° Silver Umbrella</td>
<td>122003</td>
<td></td>
<td>#BRU40S</td>
<td>$237.50</td>
</tr>
<tr>
<td>40° Transparent Umbrella</td>
<td>122009</td>
<td></td>
<td>#BRU40T</td>
<td>$199.95</td>
</tr>
<tr>
<td>40° White Umbrella</td>
<td>122007</td>
<td></td>
<td>#BRU40W</td>
<td>$199.95</td>
</tr>
</tbody>
</table>

**Not compatible with Visatec system**
PULSO FLOOTER “S”
The Flooter provides “artificial natural light”, ideal for large sets such as cars and furniture, or fashion when used with the honeycomb. It is a broad light source which evokes fifties style film lighting. Its effect is comparable to a theatrical fresnel spot. The Flooter can be used with any Pulso, Primo or HMI 575 lampbase. The Fresnel lens has an active diameter of 340mm for extremely efficient light output, and is adjustable from 15-70°.

- Output: f128 at 6½’ (ISO 100, 3200ws 15°)
- Weight: 24 lbs. (10.9kg)

Pulso Flooter “S” (123135)
Item # BRFPS .......................................................... 2499.95

Barndoor Set (123036)
Item # BRBDPFS .............................................. 284.95

Honeycomb for Flooter (123037)
Item # BRHCPFS ........................................ 214.95

FRESNEL SPOT ATTACHMENT
This focusing Fresnel spot attaches to any Pulso 2/4, Primo, Minipuls or Compuls head. The Fresnel lens has a diameter of 6.3” (160mm) and focuses from 15 to 35°. The focal length is 250mm and the unit attaches via the standard bayonet mount. The lighting effect produced is similar to the Mole Richardson continuous spotlight. An additional advantage of the Fresnel Spot Attachment is that it’s lightweight enough to be used easily with the Minipuls and Compuls self-contained units.

- Output: f64 at 6½’ (ISO 100, 3200ws 15°)

Fresnel Spot Attachment (123033)
Item # BRFSA ..................................................... 1509.95

OPTICAL SPOT ATTACHMENT
This optical spotlight projects a non-color fringing hard light circle. It attaches to the Pulso 2/4 and Primo lampheads. Includes Diffusion Dome and Aperture mask.

- Output: f321⁄3 at 6½’ (ISO 100, 3200ws)

Optical Spot (123031)
Item # BROS .................................................... 1539.95

SATellite REFLECTORS
The original Satellite reflector gives you an extremely powerful, hard light with nice open shadows. It’s great for simulating sunlight or lighting fabrics, and its output of f180-2/3 lets you light from a distance. The highly concentrated beam of light put out by the Satellite spreads out very little, putting all your light just where you want it. The Satellite Soft has the same 35” diameter as the original Satellite. But instead of concentrating light, it provides a soft, diffused light with a center hot spot to kick up contrast. It’s great for lighting people, and even gives you nice round catchlights in the subjects eyes.

Satellite Reflector (120095)
The original, polished aluminum, ultra-high intensity Satellite reflector. The updated design features a hard plastic shell on the back of the reflector to prevent accidental dents and dings. Compatible with the Pulso F2 and F4 lampheads, HMI 575 and Mobilite/Picolite (with adapter). Includes special reflector and mat protection dome.

- Output: f/180% @ 6½’, ISO 100, 3200ws
- Output: f/16% @ 100’, ISO 100, 3200ws

Satellite Reflector (120095)
Item # BRRS ..................................................... 2239.95

Satellite Soft (120096)
The same 35” parabolic dish as the original Satellite, but white-coated, with a front plexiglass diffuser, and designed so the head shoots through the reflector instead of into it. Compatible with any Pulso or Primo lamphead, plus the Minipuls C40 and C80 self-contained units. Not recommended for the Minipuls 200 due to weight constraints.

- Output: f/45½% @ 6½’, ISO 100, 3200ws

Satellite Soft (120096)
Item # BRRSS ..................................................... 2199.95
PULSO FLEX EM

- New projecting rim extends beyond the face of the diffuser for excellent color saturation, shadow definition and falloff control.
- Hollow outer seams for support rods allow the softbox to be collapsed without removing the rods or the diffuser.
- Compatible with all Broncolor Pulso and Primo lampheads, Minipuls, Compuls and the HMI 575 (80 cm and above).
- High-efficiency silver interior includes travel bag.
- New expanded line of accessories including barndoors, honeycombs and louvers to give you an even wider selection of effects and light quality.
- Adapter ring sold separately, so you can use one ring for multiple boxes.

Pulsoflex EM 20” x 20” (50x50cm) (120760)
Item # BRPEM2020..............................469.95

Pulsoflex EM 31.5” x 31.5” (80x80cm) (120761)
Item # BRPEM3232..............................574.95

Pulsoflex EM 43” x 43” (110x110cm) (120762)
Item # BRPEM4343..............................954.95

Pulsoflex EM 14” x 23.5” (35x60cm) (120763)
Item # BRPEM1424..............................469.95

Pulsoflex EM 21.5” x 37.5” (55x95cm) (120764)
Item # BRPEM2338..............................569.95

Pulsoflex EM 31.5” x 55” (80x140cm) (120765)
Item # BRPEM3555..............................799.95

Pulsoflex EM 12” x 43” (30x110cm) (120766)
Item # BRPEM1243..............................609.95

Pulsoflex EM 16” x 61” (40x155cm) (120767)
Item # BRPPEM1661............................709.95

PULSO FLEX C

- Same Broncolor quality, new low price.
- Simple construction assembles and disassembles quickly.
- Compatible with all current Broncolor strobe heads (70x70 and 35x120 need fan cooled heads) and compact units.
- Adapter ring sold separately, so you can use one ring for multiple boxes.

Pulsoflex C 14” x 47” (35x120cm) (120803)
Item # BRPC1448..............................312.50

Pulsoflex C 23.5” x 39.5” (60x100cm) (120802)
Item # BRPC2440..............................334.50

Pulsoflex C 27.5” x 27.5” (70x70cm) (120880)
Item # BRPC2828..............................285.95

Pulsoflex C 31.5” x 55” (80x140cm) (120805)
Item # BRPC3555..............................523.50

Pulsoflex C 39.5” x 39.5” (100x100cm) (120801)
Item # BRPC4040..............................417.95

Pulsoflex C 39.5” x 59” (150x150cm) (120804)
Item # BRPC6060..............................699.50

PULSO FLEX ACCESSORIES

- Adapter Ring
  for Pulsoflex EM/C (129100)
  Without integrated reflector.
  Item # BRARPC............................123.95

- Adapter Ring
  for Pulsoflex EM/C (143580)
  With integrated reflector.
  Item # BRARPCQ.........................197.95

- Textile Grid Lighttools
  for Pulsoflex EM 80x80 (120885)
  Light angle = 40º.
  Item # BRGFPEM..........................479.50

- Set of Barndoors
  for EM 32” x 32” (120783)
  Item # BRBDPEM3232....................224.95
**MINI HAZYLIGHT**
- The Mini-Hazy light gives you most of the same advantages as the larger Hazylights. At about 1/4 the surface area and a fraction of the weight, the Mini-Hazy is ideal for smaller product work, or situations where you need that unique Hazylight quality on a location shoot.
- Output: f45 at 6-1/2’ (3200ws, 100 ISO).
- Uses standard lamp bases.
- Weight: 12 lbs. (5.3kg)
- Dimensions: 24” x 24” (60x60cm)

Mini-Hazy light (120460)
Item # BRMHL .......................................................... 1664.95

**BALLOON LAMP**
- Compatible with the full line of Primo and Pulso lamp bases, as well as entire range of Minipuls compact units
- Creates highlights that are round and slightly burned out, ideal for interiors and portraits

Balloon Lamp (120099)
Item # BRLBQ .......................................................... 765.95

**FLASHTUBES**
- 600ws Flashtube (150043)
  For Minipuls C.40/80
  Item # BRFTMC40 ................................................. 133.95
- 1500ws Flashtube (150044)
  For Minipuls C.200
  Item # BRFTMC200 ............................................. 228.95
- 170ws Flashtube (151001)
  For C.70 Compact Unit.
  Item # BRFTUVC70 .............................................. 232.95
- 375ws Flashtube (151002)
  For C.171 Compact Unit.
  Item # BRFTUVC171 ........................................ 289.50
- 600ws Flashtube (150080)
  For Impacts Minipuls.
  Item # BRFTUVCM40 ......................................... 169.95
  Item # BRFTM80 ................................................ 169.95

**PROTECTION GLASS AND LAMP**
- **Protection Glass** (150081)
  For older Minipuls.
  Item # BRFTCM ................................................. 69.95
- **Mat Protection Glass** (150028)
  UV coated - for Pulso-Hazy.
  Required when using optical spot attachment or Satellite reflector with uncoated flash tubes.
  Item # BRFTCUVMPH ..................................... 166.95
- **300w Modeling Lamp** (172013)
  For Minipuls C.
  Item # BRLMC .................................................. 29.95

**CUMPUTATION**

www.bhphotovideo.com
UNI 400JR

The Uni400JR is a monolight with Dyna-Lite compactness, performance and reliability. It's hardly bigger than a Dyna-Lite flash head, weighing just 3½ lbs. Greater light control can be achieved with optional reflectors, grids, snoots etc. Now you can have the power of studio quality light anywhere, anytime with an AC or DC Jackrabbit battery power source.

UNI 250R

With all the AC features of the Uni400JR, this monolight boasts an incredibly fast flash duration, and a correspondingly lower cost. Hardly bigger than a Dyna-Lite flash head, the Uni250R weighs just 3½ lbs. It provides plenty of power for the small studio, or supplemental light in larger set-ups.

UNI 400JR FEATURES

- Puts out 400 watt-seconds of flash power
- When plugged into an AC outlet at full power, you get a 1.4 second recycle time
- Full, half, quarter and eighth power settings in 1/3 stop steps provide a four f-stop range
- Comes with a full tracking quartz model light & a built-in slave eye
- The L.E.D. Dump Indicator lets you know when to flash the unit to “dump” the capacitors during a power setting change
- Each head mount has a 1/2˝ hole to accommodate all umbrellas and the stand mount is universal with 1/2˝ and 5/8˝ holes to fit all light stands
- When connected to the Dyna-Lite Jackrabbit high voltage battery pack, the Uni400JR can be used wherever you go. With a freshly charged pack, you can achieve 75 full-power (320 w/s), 150 half-power and 250 quarter-power flashes
- There is a full range of accessories that offer even more control and versatility
- Modeling light control full on, direct tracking and off positions
- Accurate color consistency

SPECIFICATIONS

UNI 400JR

- Total Power: AC: 400 w/s, DC: 320 w/s
- Recycle Time: AC: 1.4 sec., DC: 6.5 sec.
- Flash Consistency: 1/10 f-stop
- Weight: 3.6 lbs. (7.94kg)
- Dimensions: 5˝ Diameter x 8˝ Length (128 x 178mm)

UNI 250R

- Total Power: AC: 250 w/s
- Recycle Time: AC: 1 sec.
- Flash Consistency: 1/10 f-stop
- Weight: 3.6 lbs. (7.94kg)
- Dimensions: 5˝ Diameter x 8˝ Length (128 x 178mm)

The Jackrabbit is a portable power pack for use with on-camera flash and Uni 400JR. Although it is the smallest high voltage power pack, it comes loaded with high performance features.

FEATURES

- 400 flashes per charge
- 1.3 second recycle time
- 100% silent operation
- Dual power outlets
- Low battery warning indicator
- Comes complete with a sturdy belt clip and shoulder strap D-rings
- Fully compatible with the Dyna-Lite Uni 400JR
- Supplies 75 full-power flashes per charge without using AC power
- Charger & AC plug included
- Cables and accessories sold separately.

JACKRABBIT

- Battery Pack (JACKRABBIT)
- Item # DYJR............254.95
**REFLECTORS & ACCESSORIES**

7” 65° Grid
Reflector (UNIGR7)
Holds 3308 grids.
Item # Dyr7u400 .............. 47.50

9” 45° Grid
Reflector (UNIGR9)
Holds 4008 grids.
Item # Dyr9u400 .............. 61.50

18” 80° Soft Lite
White Reflector (40SW)
Item # Dyrs1uw400 ......... 110.00

18” Silk Diffuser
for 18” Reflector (40SILK)
A silk white diffusion cover to use over the 18” reflector. Also further softens the light.
Item # Dyds1uw80 ........... 29.95

Snoot (40SN7)
for UNIGR7.
Item # Dysugr7 ............. 112.95

**FLASHTUBES, LAMPS AND CABLES**

Flash Tube (P60012)
for Uni400Jr., Uni-250R.
Item # Dyftu400j ............. 59.95

100W Modeling Lamp GBESR (0513)
for Uni250R/400Jr.
Item # Gbesr ................. 9.95

15’ Sync Cable (0315X)
for Uni400Jr.
Item # Dycsu400 ...... 21.95

15’ AC Cord for Uni 400Jr. (0205)
Item # Dyaccu400 ......... 11.95

New Dyna-lite Uni 400 Cable (JRUNIG)
This cable is for the new Uni 400Jr. This new cable is grey and has different plug connections. The old cable which is black is usable for the old Uni 400Jr.
Item # Dycu400jrg ........ 52.50

**MONOLIGHT KITS**

Uni400 with Jackrabbit and Cable Kit (UNIJPS1)
Includes:
(1) Uni400Jr
(1) 7” umbrella/grid reflector
(1) Metal protective cover
(1) AC power cord
(1) Sync cable
(1) Jackrabbit pack with DC connecting cable and 120/220V 5-hour charger
Item # Dyu400jrk ...... 879.00

Uni400 2-Light Kit with Jackrabbit (UNIJRL2)
Includes:
(2) Uni400Jr
(2) 7” umbrella/grid reflectors
(2) Metal protective covers
(2) AC power cables
(2) Sync cables
(2) Jackrabbit packs with DC connecting cables and 120/220V 5-hour chargers,
(2) 7” retracting light stands
(2) 40” umbrellas
(1) Rugged lightweight carrying case.
Item # Dyu400jrk2k .... 2111.12

Uni400 2-Light Kit (UNIJRLW2)
Includes:
(2) Uni400Jr
(2) 7” umbrella/grid reflectors
(2) Metal protective covers
(2) AC power cables
(2) Sync cables
(2) 7” retracting light stands
(2) 40” umbrellas
(1) Rugged lightweight carrying case.
Item # Dyu250r2k ...... 1407.12

Uni250R 2-Light Kit (UNIJRLW2)
Includes:
(2) Uni250R
(2) 7” umbrella/grid reflectors
(2) Metal protective covers
(2) AC power cables
(2) Sync cables
(2) 7” retracting light stands
(2) 40” umbrellas
(1) Rugged lightweight carrying case.
Item # Dyu250r2k ...... 1407.12

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
Today’s digital workflow and camera systems demand greater accuracy at all power settings with an extended power range to cover extreme requirements. Precise repeatability, whether at 2 second or 2 week intervals is possible with the ultra-stable electronics controlled by accurate digital displays. Elinchrom performance characteristics now exceed the most demanding criteria. The revised range of Style RX units, with power variation from 1200Ws to 9Ws, offer optional digital 2-way remote control, provide the possibility to interface with PC workstations, combining seamlessly with the new digital packs.

**SPECIFICATIONS**

**Max. Wattage:**
- **Style 300 RX:** 300W
- **Style 600 RX:** 600W
- **Style 1200 RX:** 1200W

**f-stop 1m, 100 ISO:**
- **Style 300 RX:** 1/250s
- **Style 600 RX:** 1/250s
- **Style 1200 RX:** 1/250s

**Reflector 48°:**
- **Style 300 RX:** 64.1
- **Style 600 RX:** 90.1
- **Style 1200 RX:** 128.1

**Power Range:**
- **Style 300 RX:** 9-300 ws
- **Style 600 RX:** 18-600 ws
- **Style 1200 RX:** 37-1200 ws

**Power Range in f-stops:**
- **Style 300 RX:** 6 f-stops 1/32 - 1/1
- **Style 600 RX:** 6 f-stops 1/32 - 1/1
- **Style 1200 RX:** 6 f-stops 1/32 - 1/1

**Recycling Min/Max:**
- **Style 300 RX:** 0.25 - 0.8 s
- **Style 600 RX:** 0.3 - 1.5 s
- **Style 1200 RX:** 0.4 - 2.3 s

**Flash Duration @ t0.5:**
- **Style 300 RX:** 1/2850 s
- **Style 600 RX:** 1/2050 s
- **Style 1200 RX:** 1/1450 s

**Sync Voltage:**
- **Style 300 RX:** 5V
- **Style 600 RX:** 5V
- **Style 1200 RX:** 5V

**Modeling Lamp:**
- **Style 300 RX:** 150W - BA 15D
- **Style 600 RX:** 150W - BA 15D
- **Style 1200 RX:** 250W - BA 15D

**Flashtube Code:**
- **Style 300 RX:** 24029
- **Style 600 RX:** 24029
- **Style 1200 RX:** 24068

**Fan Cooled:**
- **Style 300 RX:** 1 Fan
- **Style 600 RX:** 1 Fan
- **Style 1200 RX:** 2 Fans

**Dimensions:**
- **Style 300 RX:** Length x Diameter: 8.3 x 5.5” (21x14cm)
- **Style 600 RX:** Length x Diameter: 8.3 x 5.5” (21x14cm)
- **Style 1200 RX:** Length x Diameter: 11.8 x 5.5” (30x14cm)

**Weight:**
- **Style 300 RX:** 5.1 lbs. (2.3kg)
- **Style 600 RX:** 5.7 lbs. (2.6kg)
- **Style 1200 RX:** 7.6 lbs. (3.45kg)

**FEATURES**

- Interface for PC workstations (MAC in development).
  Control your power digitally in 4 studios each with 16 channels.
- Ultra consistent performance for every digital application (Quick Time VR, Multi and Single shot digital imaging).
- Rapid recycling times. You work faster with ultra consistent results.
- Action freezing flash durations (at full power Style 300RX, 1/2850s; Style 600RX, 1/2050s; Style 1200RX, 1/1450s).
- Remote control with large digital LED feedback display! All functions! All digital, all precise!
- Design follows function; new translucent, fire retardant, robust body shell encasing the diecast alloy chassis. Regular grey shells will also be available.
- Lightweight elegance for easy “out of studio use”.
- The integral reflector is designed to maximize power efficiency and provide optimum results with the extensive range of accessories.
- The Omega flashtube is precisely positioned 20mm from the internal reflector, to avoid the inherent uneven illumination produced by non-concentric or U-shaped flashtubes.
Elinchrom introduces this new range of self-contained compact flashes in the tradition of previous models but with an exclusive range of new features and accessories. To integrate easily into the many tens of thousands of existing Elinchrom studios, basic controls are similar to earlier units and all the additional functions fall easily to hand. In addition, a remote control handset performs almost every function of these new units and enormously extends their use in inconvenient or difficult locations. These re-styled, elegantly designed units, offer even better price, quality, performance and value, than previous Elinchrom units.

**FEATURES**

- Six f-stop power range
- Remote Control Socket. 7 pin connection to handset, transferring functions.
- Extremely fast flash duration.
- Internal fan — one each in 300S, 600S; two in the 1200S.
- ADF Auto dump function. Rapid, ensuring efficient power correction.
- Thermal cut out. Efficient cooling ensures minimum inconvenience.
- Flash tubes. Made in Switzerland, proven durability. Plug in.
- Reflector. The integral reflector is designed to maximize efficiency and even light distribution. The omega flashtube is precisely positioned 20mm from the surface to avoid the inherent unevenness of non-concentric flash tubes. Pyrex domes are optionally available.
- Photo Cell highly sensitive. Switchable on/off.
- Charge Ready Beep. Switchable on/off.
- Charge Ready Light/Open Flash. Green illuminated with rocker switch.
- Synchro-Sockets. Two. A traditional Elinchrom socket plus miniphone jack permits a choice of cables plus “hard wiring” connection of units for difficult, or complex lighting situations.
- Umbrella Socket centralized for optimum and even light distribution.
- Die-Cast metal frame for the stand mounting, machined supports for PCB’s and electronics.
- Body Shell. Impact resistant. Conforms to highest fire retardant standards.
- Compact and lightweight, fitting into standard existing Elinchrom cases.

**STYLE 300S**

**SPECIFICATIONS**

- **Power:** 300 w/s.
- **F-stop:** 1m, ISO 100, 1/250 sec., 48°
- **Recycling Min/Max:** 0.25-0.8 sec.
- **Flash Duration:** t 0.5, 1/2850 sec.
- **Fan:** One.
- **Power Range:** 9-300 w/s.
- **Weight:** 5 lbs. (2.25kg)
- **Dimensions:** 8.3 x 5.5” (length x diameter) (21x14cm)

**STYLE 600S**

**SPECIFICATIONS**

- **Power:** 600 w/s.
- **F-stop:** 1m, ISO 100, 1/250 sec., 48°
- **Recycling Min/Max:** 0.3-1.5 sec.
- **Flash Duration:** t 0.5, 1/2050 sec.
- **Fan:** One.
- **Power Range:** 18-600 w/s.
- **Weight:** 5.7 lbs. (2.6kg)
- **Dimensions:** 8.3 x 5.5” (length x diameter) (21x14cm)

**STYLE 1200S**

**SPECIFICATIONS**

- **Power:** 1200 w/s.
- **F-stop:** 1m, ISO 100, 1/250 sec., 48°
- **Recycling Min/Max:** 0.4-2.3 sec.
- **Flash Duration:** t 0.5, 1/1450 sec.
- **Fan:** Two.
- **Power Range:** 37-1200 w/s.
- **Weight:** 7.6 lbs. (3.47kg)
- **Dimensions:** 11.8 x 5.5” (length x diameter) (30x14cm)

**STYLE 300S**

- **Price:** $639.95
- **Model:** ELS300S

**STYLE 600S**

- **Price:** $789.95
- **Model:** ELS600S

**STYLE 1200S**

- **Price:** $1139.95
- **Model:** ELS1200S

---

**LIGHTING Q&A**

**How can I show people my work?**

Exhibit in your studio window, take your portfolio around to local people and businessmen. Try to find local exhibition space in a bank, railway station, store, county fair etc. Local frame shops and photography shops are good, too. Advertise in the local paper. Have a nicely designed card with one of your best photos on it. Pass it out everywhere and to everyone.

---

The Style 300 and 600 continue the traditions of the EL 250 and 500 compact flashes, but with many of the extra features of the Style S. The power range is extended from three to five f-stops. While retaining rapid recycling and short flash durations, the units remain cool in operation (although for heavy use, the S series are recommended). The Style units are ideal for the existing tens of thousands of studio photographers world wide who may wish to increase or update their flash units at very modest cost.

**FEATURES**

- **Reflector**: The integral reflector is designed to maximize efficiency and even light distribution. The omega flashtube is precisely positioned 20mm from the surface to avoid the inherent unevenness of non-concentric flastubes. Pyrex domes are optionally available.
- **Photo Cell**: Highly sensitive. Switchable on/off.
- **Charge Ready Beep**: Switchable on/off.
- **Charge Ready Light/O pen Flash**: Green illuminated with rocker switch.
- **Synchro-Sockets**: Two. A traditional Elinchrom socket plus mini-phone jack permits a choice of cables plus "hard wiring" connection of units for difficult, or complex lighting situations.
- **Modeling Lamp**: Double switches. On/off, proportional/full.
- **Reflector Fitting**: Elinchrom standard bayonet, plus additional die-cast metal frame for the stand mounting, machined supports for PCB's and electronics.
- **Body Shell**: Impact resistant. Conforms to highest fire retardant standards.
- **Security Breech Lock**: Accepts all Elinchrom/Prolinca accessories since 1974.
- **Umbrella Socket**: Centralized for optimum and even light distribution.
- **Die-Cast Metal Frame**: For the stand mounting, machined supports for PCB's and electronics.
- **Body Shell**: Impact resistant. Conforms to highest fire retardant standards.
- **Compact and Lightweight**: Fitting into standard existing Elinchrom cases.

**STYLE 300**

- **Power**: 300 w/s.
- **F-stop**: 1m, ISO 100, 1/250 sec., 48° Reflector: 45.8.
- **Recycling Min/Max**: 0.25-0.7 sec.
- **Flash Duration**: t 0.5, 1/250 sec.
- **Power Range**: 18-300 w/s.
- **Weight**: 4.7 lbs. (2.15kg)

**STYLE 600**

- **Power**: 600 w/s.
- **F-stop**: 1m, ISO 100, 1/200 sec., 48° Reflector: 64.8.
- **Recycling Min/Max**: 0.25-1.3 sec.
- **Flash Duration**: t 0.5, 1/200 sec.
- **Power Range**: 37-600 w/s.
- **Weight**: 5.5 lbs. (2.5kg)

**300 SPECIFICATIONS**

- **Dimensions**: 8.3 x 5.5” (length x diameter) (21x14cm)

**600 SPECIFICATIONS**

- **Dimensions**: 8.3 x 5.5” (length x diameter) (21x14cm)

**STYLE S REMOTE CONTROL**

Connecting the included 4 ft. (1.2m) seven-core cable automatically transfers control of: charge on/off, power variation including auto dump function, test open flash, remote, remote slave cell and proportional/full modeling lamp. N.B. Even with charge off, mains power remains connected to the lamphead. The ventilation continues, cooling the unit. Additional cables of 4 ft. (1.2m) (11085), 8 ft. (2.4m) (11086) or 14 ft. (4.3m) (11087) may be connected enabling control of all these functions at distance or simply to use as a remote slave cell. Tracking systems and the octa banks are typical applications. The remote control enormously increases the flexibility of Style S units.

**STUDIO TO GO KITS**

**Studio To Go Kit**

- **Set Includes**:
  - 1- Style 300 Head
  - 1- Style 600 Head
  - 1- Elinchrom Head Case
  - 1- 33˝ (85cm) Translucent Umbrella
  - 1- 33˝ (85cm) Brilliant White Umbrella
  - 1- Elinchrom Stand Bag
  - 2- 8 ft. Light Stands

**Studio To Go Kit**

- **Same as above with**:
  - 2- Style 600 Heads

**Studio To Go Kit**

- **Same as above with**:
  - 1- Style 600 Head
  - 1- Style 1200 Head

**Studio To Go Kit**

- **Same as above with**:
  - 2- Style 600 Heads

**Universal Remote Control**

Item # ELURC$H ...........139.50

**ORDER & INFORMATION**

1-800-947-9941 • www.bhphotovideo.com
Prolinca self-contained flash units offer rugged, reliable Swiss design in a no-nonsense, economical package. Designed for the beginning studio flash photographer, or to compliment your existing Elinchrom flash equipment, Prolinca self-contained flash units are fast and simple to operate.

There are two units to choose from: the Prolinca 125 @ 125 w/s and the Prolinca 250 @ 250 w/s. Both offer full and half power with the modeling light in proportion to the flash output, and each has a built in switchable slave cell.

Since all Prolinca and Elinchrom accessories are interchangeable, there is a wide range of accessories available. This full system compatibility with all other Elinchrom accessories give Prolinca owners access to one of the most comprehensive ranges of lighting equipment on the market today. Both units feature rugged metal construction, and come complete with sync cord, power cord and 100W long life, extra bright tungsten modeling lamps.

**PROLINCA 125**

*125 SPECIFICATIONS*

- **Power:** 125 w/s.
- **Output:**
  - 50° Reflector @ 1m: f/22.5.
- **Recycling Time:** 1.0 sec.
- **Flash Duration:** t 0.5, 1/1000 sec.
- **Color Temp:** 5400°K.
- **Power Range:** 2 Stops.
- **Weight:** 4 lbs. 8 oz. (2.04kg)
- **Dimensions:** 7 x 5.3” (length x diameter) (18x13cm)

**PROLINCA 125 KITS**

- **Prolinca 125 Location Outfit** (20550)
  - 2- Prolinca 125 units
  - 2- 6½" 95° Reflectors (26143)
  - 2- 8’ (2.4m) Bogen Stands (3086)
  - 2- Synch Cords (11075)
  - 2- Power Cords (11055)
  - 2- Modeling lamps (23006)
  - 1- 33” (84cm) White Umbrella (26372)
  - 1- 33” (84cm) Translucent Umbrella (26371)
  - 1- Hard Sided Carrying Case (33209)
  - 1- Light Stand Bag (33220)

- **Item # ELP1250LK** ..................................1101.00

- **Prolinca 125/250 Location Outfit** (20652)
  - Same as above with:
    - 1- Prolinca 125 unit
    - 1- Prolinca 250 unit

- **Item # ELP1250250UL ...1157.00**

**PROLINCA 250**

*SPECIFICATIONS*

- **Max Power:** 530 w/s.
- **Output Display Range:** 2.5 to 6.5.
- **Max Output:** f/64.3.
- **Recycling:** 2.5 sec.
- **Flash Duration:** 1/2000 sec.
- **Color Temp:** 5400°K.
- **Power Range:** 5 Stops.
- **Weight:** 6 lbs. 3 oz. (2.8kg)
- **Dimensions:** 13 x 5.5” (length x diameter) (33x14cm)

**PROLINCA KITS**

- **Prolinca 250 Location Kit** (20554)
  - Same as above with:
    - 2- Prolinca 250 units

- **Item # ELP2500LK ...........1195.00**

**LIGHTING TIP**

The 4 basic types of portrait lighting.

**Broad Lighting**
- Illuminates the side of the face facing the camera. Used to widen thin or narrow faces.

**Short Lighting**
- Also known as "narrow lighting" illuminates the side of the face turned away from the camera. Used to narrow the face.

**Butterfly Lighting**
- Main light positioned directly in front of the face which casts a shadow directly beneath the nose and chin. Also known as "glamour lighting" due to its widespread use in the early days of cinema.

**Rembrandt Lighting**
- A combination of short and butterfly lighting. The light is positioned to one side of the face turned away from the camera.

**MICRO COMPACT**

*SPECIFICATIONS*

- **Max Power:** 530 w/s.
- **Output Display Range:** 2.5 to 6.5.
- **Max Output:** f/64.3.
- **Recycling:** 2.5 sec.
- **Flash Duration:** 1/2000 sec.
- **Color Temp:** 5400°K.
- **Power Range:** 5 Stops.
- **Weight:** 6 lbs. 3 oz. (2.8kg)
- **Dimensions:** 13 x 5.5” (length x diameter) (33x14cm)

**MICRO COMPACT**

- **Micro Compact** (20617)
  - Item # ELC M ..................1399.00

- **IR Remote Control** (19325)
  - Item # ELCIRASPP ...........242.00
SPOT-LITE 3000

Two 3000 w/s focusing zoom spotlights are available to operate directly from any power pack up to 3000 w/s. They are similar to theater spotlights and offer a number of special features. The lenses are mounted on extra smooth runners and can be quickly and easily locked into place. There is easy access to the lenses for cleaning. The modeling lamp mount is designed so that lamps can be replaced in seconds and adjusted to align with the flash tube, eliminating the problems of registration found in other units. The model numbers of the units refer to their minimum and maximum angle of coverage. The Spot Lite 3000 13-35 can be adjusted from 13° to 35° and the Spot Lite 24-50 from 24° to 50°. The wider angle of coverage of the 24-50 makes it more suitable for the smaller studio. These Spot Lites produce a hard edged circle of light that can be focused to produce a "theater spotlight" effect. They have built in masking blades for special effects and the entire unit is produced from rigid aluminum for strength and durability. In addition there is an iris control and a gobo holder to fit either unit which is available separately. The gobo holder accepts optional metal patterns of 85.5mm in diameter.

Specifications:
- Beam Angle min - max in degrees: 18 - 36
- Beam Angle min - max in inches: 70 - 130 (approx)
- Aperature: 100 ASA, 1200ws @ 3.2: f 45.7
- Housing: Extruded Aluminum
- Weight: 10.5 lbs. (4.8kg)
- Dimensions: 17.5 x 6 x 6" (44.5 x 15.2 x 15.2cm)

Zoom Spot 18 - 36° (26481)
- Item #ELZSAQ ........................................... 619.95
- Accessory Kit for Zoom Spot (26484)
  - Includes: Color filter Set, 10 filters, Color Filter Holder, Mask Set, 30 and 50mm, Gobo Holder and Gobo Set, 10 gobos
  - Item #ELAKC ........................................... 144.95

MINISPOT

A focusing spotlight that fits directly onto any Style, S, Digital or A head to produce a hard edged but even circle of light. It works best when used close to the subject. It has a gobo holder and accepts metal gobos 53mm in diameter. Designed for projecting shapes and cut-outs, the M Inspot includes a gobo holder for optional 53mm gobos.

Minispot (26420)
- Item #ELMS ........................................... 309.95
- 53mm Gobo Masks (26418) for M Inspot, set of 5.
  - Item #ELM GMS .................................... 33.95

FIBERLITE

Designed to enable the photographer to put very small amounts of light in very precise positions. The Fiberlite kit is comprised of a mounting cap (which takes up to three fiber optic ropes) and a simple-to-use support system and many light modifying attachments. The glass fiber ropes are 20" (51cm) long and offer very efficient light transmission. The stand will hold the ropes precisely in whatever position is required. To alter the light output there are snoots and lenses. The light can be colored, diffused, focused or reduced in power. Compatible with all Elinchrom Style, A, S, Digital and X heads, there are many applications for the Fiberlite kit. Apart from the obvious ones of jewelry and other small objects it can also be used to put light into liquids. The set is supplied in a carrying case complete with all accessories.

Fiberlite Kit (26430)
- Item #ELFLK .......................................... 1334.95
ELINCHROM
FRESNEL SPOT/SOFTBOXES

S35 FRESNEL SPOT

An accessory that accepts any Style, S, A, Digital or X head. The S35 Fresnel Spot was designed to focus on the specific shape of Elinchrom flash tubes and projects a soft edged beam. The angle of coverage can be varied by means of a crank handle from 25 to 70°. At its narrowest angle the S35 is the most effective concentrator of light in the Elinchrom line and will give spectacular f-stops over quite large distances. At any setting the S35 gives very even light distribution to within 1/10th f-stop at any point in the spot of light it creates. In use the S35 has many applications. The concentrated light is frequently used to simulate sunlight with bold shadows. The semi-hard light is also useful in fashion and food photography where texture is important. It is superb when used to bounce light off suspended flats, a technique that is becoming widely used by car photographers. It has even been used to copy paintings as the illumination is even and it is easy to polarize the light. The S35 can accept Barndoors (the 17” Barndoors that fit onto the Square 17” reflector are the most appropriate).

Item # ELPS35 .................................................. 1323.50

SOFTLITES

Elinchrom Light Banks are optically matched to Elinchrom heads, providing unsurpassed evenness and efficiency in a large size. With the built in rotalite feature, Elinchrom light banks can be easily maneuvered to any angle for special lighting effects. Lightweight and portable, even the 6-foot Octa is easily set-up by one person in just a few minutes. Ideal for every fashion, portrait and commercial application, Elinchrom Light Banks stand alone as the most versatile lighting accessory for every Elinchrom photographer. Supplied with a durable carrying case for protection and portability.

Quadra Bank 57” x 57” (26156)
This is a very popular light bank because of its large size. The exceptional evenness of illumination over its 22 square foot surface allows it to be used very close to the subject if desired. This reduces the need for multiple flashing. Its square shape allows multiple units to be banked together for extremely large sets. Despite its large size, the Quadra, like all Elinchrom banks is lightweight, portable, and sets up quickly making it as convenient for location shooting as it is for the studio.

Item # ELLBQ ......................... 794.95

Round Front Diffuser (2636) for 57” x 57” Quadra Bank.
Item # ELDQ ......................... 212.50

Recta Bank 28” x 69” (26154)
This is an ideal light source for full-length fashion and portrait work. It can also be mounted horizontally for graduated background effects.

Item # ELBRR ......................... 619.95

Octa Bank 74” x 74” (26158)
The octagonal shape is ideal when using the reflection method of light distribution. As a result, the Octa Bank gives remarkably even illumination - within 1/3 f-stop - across its entire 6-foot plus diameter. It can be used very close to your subject for soft, even, wrap-around lighting effects. Its light efficiency allows even the smallest compact units to give impressive exposure readings. For example, with ISO 100 an EL 250 in the Octa gives an output of approximately f 5.6 at 6 feet.

Item # ELLBO ......................... 892.50

Strip Bank 13” x 69” (26160)
This is the same length as the Recta but narrower at 13”. There is also an alternative front diffuser that reduces the front width to 6”. The Strip is a wonderful tool for fashion photographers, but also many portrait and still life applications.

Item # ELLBS ......................... 734.95

Universal Bank Adapter (26240M)
Fits Speedotron 202, 206; Dynalite; Hensel; Broncolor Primo (with optional 3102 adapter); Balcar (with optional 3102 adapter); Calumet Elite, Traveller Plus; Bowens Equipe; Photogenic Powerlite; Comet CAX Slide; Excalibur; Lumedyne.

Item # ELOMA ......................... 54.95

Profoto Adapter (26333)
Allows the use of Elinchrom reflectors and softboxes on Profoto strobes.
Item # ELPA ......................... 119.95

Profoto Octa Bank Adapter (26240P)
For Profoto Acute and Pro series heads on lightbanks only.
Item # ELOPA ......................... 59.95
**ROTALUX SOFTBOXES**

These revolutionary new softboxes feature the “Rotalux” rotating speedring mount for exact angle positioning, spring-loaded self-locking struts for fast, easy set-up and durable snap fasteners to quickly attach the inner diffuser. Edge-to-edge front diffusers allow any of the softboxes to be banked together, creating custom shapes or larger sizes on demand. The geometrics of the Rotalux softboxes are precisely engineered to the focal length and light pattern unique to all Elinchrom flash heads. This feature, along with the “double diffusion” design ensures the exceptional evenness and softness Elinchrom softboxes are famous for. Additionally, all units can be used with or without either of the two diffusers to further control the specular quality of light.

### SQUARE

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<th>Size</th>
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<th>Part No.</th>
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<td>Rotalux Softbox</td>
<td>26178</td>
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<td>39”x39”</td>
<td>Rotalux Softbox</td>
<td>26179</td>
<td>$209.95</td>
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**Round Diffuser**

- 27”x27” Rotalux Softbox: Item # ELSB2727Q $139.50
- 39”x39” Rotalux Softbox: Item # ELSB3939Q $139.50

### OCTAGONAL

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<td>53”</td>
<td>Rotalux Junior Octa</td>
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### RECTANGULAR

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<td>6”x35”</td>
<td>Strip Diffuser</td>
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<td>20”x51”</td>
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<td>Strip Diffuser</td>
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### MAXISOFT AND MINISOFT REFLECTORS

Parabolic “Pan” reflector with adjustable deflector shield for eliminating specular light from flashtube, and re-directing it back into reflector. Ideal for portrait and commercial photography where broad, soft, even lighting is required, but has more crispness than a softbox. Includes a silver deflector for neutral color balance, and a gold deflector for a warming effect. Available in silver for maximum brightness, or white for more softness. An optional stretch-fit white nylon diffuser is also available for maximum softness.

<table>
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<th>Size</th>
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ELINCHROM
REFLECTORS

Elinchrom offers an extensive system of versatile, efficient reflectors for every lighting application. Each reflector is precisely designed to match the optical characteristics of Elinchrom heads, ensuring the clean, even light coverage Elinchrom is famous for. Reflectors are compatible with compacts, standard pack heads, Scanlite and HMI. A patented, durable bayonet locking system provides positive instant mounting. Regardless of your photographic specialty, there's an Elinchrom reflector to help you realize your creative vision.

6 1/2" 90° Umbrella Reflector (26143)
Gives wide, even umbrella coverage (no center hot spot), even at close flash tube to umbrella distance. Supplied with all location outfits.
Item # ELR6.................. 43.95

7” 60° Grid Reflector (26144)
For use with existing 7” circular honeycomb grids from Elinchrom and various other manufacturers.
Item # ELR7.................. 34.95

8 1/4” 50° Standard Reflector (26141)
Elinchrom's most popular, general purpose reflector. It’s used with the accessory holder to accommodate gels, barndoors and honeycomb grids.
Item # ELR8.................. 49.95

9 1/2” 135° Wide Angle Reflector (26164)
Exceptionally even 135° wide angle coverage.
Item # ELR9.5............... 42.95

Background Reflector (26165)
Designed to be used low and behind a portrait subject, casts a graduated oval pattern on the background. Can also be used for backlighting a subject.
Item # ELRBG.............. 79.50

10 1/4” 48° High Performance Reflector (26137)
Produces a concentrated beam of light for maximum light intensity. Ideal for sports photography and bounce applications.
Item # ELR10.............. 84.50

15 1/2” Maxi Lite Reflector 43° (26147)
Ideal for sunlight effects through windows, creates hard brilliant highlights.
Item # ELM LR................. 92.50

15 1/2” Maxi Spot Reflector 29° (26149)
The same shape as the Maxi Lite reflector, but produced with brilliant finish for very high efficiency. Throws light even over longest distances. A narrow powerful beam that creates deep, sharp shadows.
Item # ELM SR............... 79.50

17 3/4” 80° Square Reflector (26146)
This is Elinchrom’s most versatile reflector. It includes a diffuser and honeycomb grid and is really three reflectors in one. Without the diffuser and honeycomb, it’s a soft, 80° wide angle reflector with a specular center. Add the diffuser and you have something between an umbrella and a softbox; more controllable than an umbrella, but crisper than a softbox. Use the honeycomb grid, and you create a very directional 32° soft light with many applications for portraiture and still life photography.
Item # ELRS17 .............. 289.95

Snoot Reflector (26425)
Provides a directional, narrow circle of light for controlled accenting.
Item # ELS.................. 49.95
ACCESSORIES/BARndoORS/GRIDS

**BARndoORS**

All Elinchrom barndoors are hinged and have a heat resistant, non reflective black finish. They can be fitted to the side of an Accessory Holder (26034 or 26035), the R heads, Box Lite, the Square Reflector and the S35 Spotlite. They are available in 3 sizes.

- **8 1/4˝ Barndoor Set** (26039)
  Consists of 5 sets of different sized barndoors (4-black and 1-silver) and an Accessory Holder (26034).
  Item # ELBD S8.25 .......... 133.95

- **10 1/4˝ Barndoor Set** (26040)
  Consists of 3 pairs of barndoors: 2 sets of 10 1/4˝x 6 1/2˝ black and 1 Tapered Set. Supplied with Accessory Holder (26035).
  Item # ELBD S10.25 .......... 143.95

- **17 3/8˝ Single Barndoor** (2609)
  Single leaf (10 1/4˝x 13 1/4˝).  
  Item # ELBD 1738 ............... 36.95

- **17 3/8˝x 10˝ 2 Barndoor Set** (two individual leaves) (26045)
  Fits 17 3/8˝ reflector (26146).
  Item # ELBD 21738 ........... 228.50

**HONEYCOMB GRIDS**

These are used to create soft edged spots of light. They are very efficient in maintaining light output and have many applications. 8 1/4˝ and 10 1/4˝ reflectors require Accessory Holder (26034) or (26035).

- **8 1/4˝ 30° Honeycomb Grid** (26028)
  Item # ELG 308.25 .......... 32.95

- **8 1/4˝ Honeycomb Grid Set** (26025)
  Consists of:
  - Accessory Holder (26036),
  - 12° Honeycomb Grid (26030),
  - 20° Honeycomb Grid (26029),
  and 30° Honeycomb Grid (26028).
  Item # ELRG 58.25 ............... 249.95

- **8 1/4˝ 12° Honeycomb Grid** (26030)
  This is Elinchrom’s best selling grid. It has many uses, most often in portraiture as a hair light. In still life it can be used to give small areas a more controlled light.
  Item # ELG 128.25 .......... 64.95

- **8 1/4˝ 20° Honeycomb Grid** (26029)
  This gives an angle of coverage of 32° and can be used in portraiture to light a background or for edge lighting.
  Item # ELG 208.25 .......... 47.95

- **8 1/4˝ 8° Honeycomb Grid** (26031)
  Used most often in still life studios. Excellent for highlighting.
  Item # ELG 88.25Q ............... 91.95

- **7˝ Honeycomb Grid Set** (26135)
  Includes 7˝ reflector (26144), Gel Holder (26132), 12° Grid (26102), 20° Grid (26101) and 30° Grid (26100).
  Item # ELRG 57Q .......... 147.95

- **7˝ Filter Holder** (26132)
  Fits 7˝ Reflectors.
  Item # ELF H 7 ............... 9.95

- **8 1/4˝ 8˝ Honeycomb Grid** (26031)
  Used most often in still life studios. Excellent for highlighting.
  Item # ELG 88.25Q ............... 91.95

**ACCESSORIES**

- **Translucent Deflector** (26305)
  Eliminates sharp shadow edges.  
  Item # ELDT ................. 18.95

- **Snoot Grid** (26426)
  The “Snoot-Grid” is a professional accessory for the Elinchrom Snoot (26425). The 1.6mm honeycomb gives a sharply defined concentrated light source of exceptional quality. The “Snoot-Grid” is an easy retro fit, with clips to grip the interior of the Snoot.  
  *Note: The grid necessarily restricts ventilation of the Snoot. Please monitor heat levels at all times. High wattage tungsten lamps or high power multi-flashing are liable to cause overheating.
  Item # ELSG ............... 36.50

**Accessory Holders**

Accessory Holders fit onto the front of the reflector and accept a complete system of attachable accessories – grids, filters, diffusers, and barndoors. Their design allows different accessories to be used together. For example: to produce spots of colored light, gels can be used in conjunction with honeycomb grids and then barndoors can be used to avoid flare. The Accessory Holder is rotatable.  
*Note: The accessory holder is not required when using barndoors on R Heads, Box Lites, Square Reflector or S35 Spotlite.

- For 8 1/4˝ Reflectors (26034)
  Item # ELAH 8.25 .......... 36.95

- For 10 1/4˝ Reflectors (26035)
  Item # ELAH 10 ............... 74.95

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1-800-947-9941 • www.bhphotovideo.com

B & H PHOTO • VIDEO • PRO AUDIO
FILTERS

Diffusion Filters
Manufactured from spun glass material for optimum heat resistance. The effect is to diffuse light as well as slightly reduce output.

Diffusion Filters
(Pack of 10) (26249)
For 8½” reflectors. Requires accessory holder (26034).
Item # ELD 58.25 ............. 26.50

Diffusion Filters
(Pack of 10) (26250)
For 10¼” reflectors. Requires accessory holder (36035).
Item # ELD 50.25 ............. 36.50

Diffusion Filters
(Pack of 5) (26246)
For 17” reflector (26146).
Item # ELD 517.38 ............. 36.50

Polarizing Filters
These filters will not alter the color of the light and by rotating the accessory holder, it is possible to remove unwanted reflections from many different surfaces. Can be used as an ND filter as well.

Polarizing Filter
for 8½” Reflectors (26244)
Requires accessory holder (26034).
Item # ELP 8.25 ............. 84.95

Polarizing Filter
for 10¼” Reflectors (26248)
Requires accessory holder (26035).
Item # ELP 10.25 ............. 105.95

Color Filter Set of 10 (26243)
Made from highly heat resistant polyester for long life and intended for special effects. For 8½” reflectors. Requires accessory holder (26034).
Item # ELCF 58.25 ............. 19.95

GENERAL ACCESSORIES

Pyrex Domes
Covers and protects the flash tube, as well as diffuses and alters the color temperature. They fit all bayonet lampheads.
Clear Pyrex Dome (24925)
Item # ELFT ............. 86.95

Frosted Pyrex Dome (24926)
Item # ELFTCM ............. 86.95

400K° Warm Pyrex Dome (24927)
Item # ELFTCY ............. 97.95

Protective Hood/Transit Cap (26124)
Fits all bayonet lampheads.
Item # ELHFTC ............. 99.95

Clear Security Filter (26253)
For Mini R & R3000 lampheads.
Item # ELSFC ............. 5.50

Frosted Security Filter (26254)
For Mini R & R3000 lampheads.
Item # ELSFF ............. 9.95

Basic Pro Kit (20767)
Consists of:
two 6½” 90° reflectors (26143),
sync cord (11075),
33” white umbrella (26372),
33” translucent umbrella (26371).
Item # ELBPK ............. 377.50

Power Strobe (19321)
A unit that allows a programmed delay of between .01 and 9.99 seconds. Trigging from another flash source will allow various sequencing effects.
Item # ELP ............. 298.50

FRC Synchron Set for Power Packs (19311)
Consists of a receiver and a transmitter. The receiver plugs into the accessory socket of the power pack. The transmitter is connected to the sync socket of the camera. Transmitter transmits by radio over 66’ (20m) and has 16 channel settings. Operates from a 9V battery.
Item # EFRCSS ............. 357.95

FRC 1 Transmitter (only) (19306)
Item # EFRCT ............. 129.95

Synchron Receiver (only) (19317)
Item # EFRCSR ............. 244.95

Multiflash (19321)
Designed for studio use, this device allows a number of flashes (up to 9) to be selected and then programmed into the power pack. Once completed the sequence can be repeated or an alternative number of flashes selected. Designed for studio still photography, the unit is especially made to fire at a slow rate to avoid unnecessary overheating of flash tubes.
Item # EFRCMF ............. 263.50

FRC 1 Remote Control Set for Compact and Style Units (19304)
Consists of a receiver and a transmitter. The AC operated receiver connects to the sync socket of Compact flash units. The transmitter is connected to the sync socket of the camera. The transmitter transmits by radio over 66’ (10m) and has 16 possible channel settings. The transmitter operates from a 9V battery.
Item # EFRCSS ............. 357.95

FRC 1 Transmitter (only) (19305)
Item # EFRCTR ............. 129.95

FRC 1 Receiver (only) (19303)
Item # EFRCR ............. 244.95

Power Strobe (19323)
A unit that allows a programmed delay of between .01 and 9.99 secs. Trigging from another flash source will allow various sequencing effects.
Item # ELP ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

FRC 1 Remote Control Set for
Compact and Style Units
Item # EFRCSS ............. 357.95

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

Rotalite
Permits rotation of older lightbanks.
Item # ELRL ............. 74.95

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
Item # ELFRC ............. 244.95

FRC 1 Receiver (only)
Item # ELFRCR ............. 298.50

FRC 1 Transmitter (only)
Item # ELFRTC ............. 298.50

Pyrex Dome
Operates from a 9V battery.
UMBRELLAS

Translucent umbrellas can be used either to shoot through or to bounce the light. The difference in light output between shooting through and bouncing is very small. The material is neutral and allows about 50% transmission. The white material allows virtually no light to pass through it and makes a very efficient bounce umbrella. It is glossy white and gives similar output to a silver umbrella without harshness. Silver gives the maximum light output. The light reflected is harsher than with the white material. It's best suited for larger groups when coverage is important. Silver/Gold umbrella provides the light output of a silver umbrella with a warming effect. The Blue umbrella is used for color-correcting tungsten light sources such as the Scanlite when using daylight balanced color films.

CASES

Carrying Case (33209)
Holds 3 Style or Prolinca heads.
Item # ELCC ................................243.50

Carrying Bag (33220)
For carrying two 8' lightstands.
Item # ELLSC ..............................59.95

Carrying Bag (33221)
For lightbanks.
Item # ELCCOB ..............................59.95

Varistar Umbrella Kit (26382)
Includes 9½" 135° wide angle reflector and 41" Varistar umbrella. Ideal for industrial, portraits and groups. Very easy to erect.
Item # ELVK41 ................................114.95

LIGHTING Q&A

Define “professional” in your terms.

Being on time is the first element of being professional. Your clients should be as professional as you are. They should arrive just before their appointment; they should have their basic makeup on so you only have to touch-ups and slight changes; they should know what they’re going to wear and have their clothes laid out; they should have a check in hand for the deposit. It’s the idea of knowing how to interact with other professionals. Professional photographers should know what they are doing at all times and have everything prepared and at hand so they don’t fumble for things. The mark of the amateur is being disorganized, particularly on location. When you arrive at a session for, say, an executive portrait, and set up your equipment and prepare everything, the client can then relax, knowing you’re a pro and have command of the situation. It should be evident that you know what you’re doing. This comes only from experience. The professional is always ready with the right equipment, attitude, and personality geared for the shooting at hand.

ELINCHROM
ACCESSORIES

FLASH TUBES

2400ws Flashtube (24019)
Item # ELFT R2000 ............... 179.95

4000ws Flashtube (24025)
For R3000, R4000.
Item # ELFT R4000 ............... 384.50

600ws Plug-In Flashtube (24029)
For EL250C/500C, Style 300S/600S.
Item # ELFT EL250C ............. 81.95

600ws Flashtube (24031)
For Compact EL250, EL500,
Prolinka, Style 300, Style 600.
Item # ELFT EL250 .......... 83.50

2400ws Flashtube (24034)
For EL1000, S2, S2000, S1500N,
Mini 1500.
Item # ELFT EL1000 .......... 137.50

Flashtube (24037)
For S4000, T4.
Item # ELFT S4000 ............. 376.95

Flashtube (24043)
For A2000, A2.
Item # ELFT A2000 ........... 229.95

3000ws Flashtube (24045)
For S300, S3000N, Digital SE.
Item # ELFT S3000 ............. 273.50

MODELING LAMPS

110W/90V Tungsten
Modeling Lamp (23006)
For MIni S, Mini A, Prolinca
125, Prolinca 250, EL
Compacts.
Item # ELM LEL125Q ............ 8.50

150W/120V Halogen Halostar
Modeling Lamp (23019)
For MIni S, Mini A, Prolinca
125, Prolinca 250, EL
Compacts.
Item # ELM LEL250 ............ 16.50

500W/120V Halogen
Modeling Lamp (23028)
For MIni R, R2000, R3000,
R4000.
Item # ELM LRL2000 ........... 39.95

150W/120V Halogen
Modeling Lamp (23031)
For EL250R, EL500R.
Item # ELM LEL250R .......... 36.95

200W/120V Halogen
Modeling Lamp (23033)
For EL1000, EL1000R, Scanlite
1000.
Item # ELM LEL1000 ........... 29.95

250W/120V ESS
Modeling Lamp (GBESS)
For Style 300S, Style 600S,
Style 1200S.
Item # GBESS ................. 13.50

1000W/120V Halogen
Modeling Lamp (23053)
For Scanlite 1000, Scanlite
1500.
Item # ELLLSL1000 ............ 43.95

650W/120V Halogen
Modeling Lamp (23027)
For X6000N, X8000, Spotlite
3000, Scanlite 1000.
Item # ELM L120 ............. 44.50

300W/120V Halogen
Modeling Lamp (23030)
For S3000N, A3000N, S1500,
S1500N, Micro Compact,
Scanlite 1000 Digital, Digital
Item # ELM LA3000 ........... 36.95

100W/120V ESR
Modeling Lamp (GBESR)
For Style 300, Style 600.
Item # GBESR ............... 8.95

1000W/120V FEL
Modeling Lamp (GBFEL)
For Scanlite Digital 1000.
Item # GBFEL .............. 20.95

Model G
Adapter (23101)
2-pin lamp to medium base
screw mount. Only suitable for
use with Compacts EL250,
EL500, Mini A and Mini S.
Item # ELM LA .............. 32.95

CABLES AND CORDS

16` Power Cord (11055)
Fits all Compacts & Prolinca.
Item # ELPC EL250 .............. 14.50

16` Power Cord (11070)
Fits Classic, Micro AS and Digital.
Item # ELPC SC ................ 29.95

19` Sync Cable (11071)
Connects transmitter #I9306 to
camera.
Item # ELCF SFCR 1T .......... 24.95

16` Deluxe Heavy Duty
Sync Cord (11074)
With gold plated contacts & 8”
cored strain relief to camera end.
Item # ELSCD .............. 34.95

16` Sync Cord (11075)
Supplied with every power pack
and compact unit. A locking ring
attaches it securely in place.
Item # ELSC .............. 28.95

Extension Sync Cord (11080)
32` (10m) in length. Accepts any
Elinchrom sync cord and then
attaches to a power pack or
compact unit.
Item # ESLC E .................. 63.50

Phono Jack Adapter (11083)
Converts Elinchrom-style sync
socket to 1/4” phono jack.
Item # ELPJF ............... 43.95

15` (4.6m) Extension
Power Cable (21040)
Connects the power pack to the
flash head. For all models.
Item # ELEC .................. 183.95

Remote Photo Cell (11081)
Extension photo cell on a 16`
(5m) cable. Ideal for units placed
in light banks or hidden from
other light sources.
Item # ELRPC ............... 102.95

FUSES

2.5 amp Fuse (19039S)
For Box 4000.
Item # ELF2.5 ............... 1.50

5 amp Fuse (19075S)
For EL25/50, 250/500, 250R/500R.
Item # ELF5 ............... 1.50

6.3 amp Fuse (19020S)
For EL 100/1000.
Item # ELF6.3 ............... 1.95

2 amp Fuse (19032S)
For 1550W/2900W Lamps.
Item # ELF2 ............... 1.50

3.15 amp Fuse (19024S)
For 100W Lamp.
Item # ELF3.15 ............... 1.50

5 amp Fuse (19036S)
For 300W Lamp.
Item # ELF5Q ............... 1.50

8 amp Fuse (19037S)
For 500W Lamp.
Item # ELF8 ............... 1.50

10 amp Fuse (19038S)
For 650W Lamp.
Item # ELF10 ............... 1.50

16 amp Fuse (19057S)
For all Packs.
Item # ELF16 ............... 1.50

16 amp Internal Fuse (19024S)
For all Packs.
Item # ELF16 ............... 3.95
With no nonsense features and no gimmicks - just the features a professional shoot requires, the Integra is the perfect unit for starters as well as demanding pros. Straight forward quality makes sure to get perfect photographic results.

All at the most affordable price for a high quality self-contained unit ever. 40 years of experience for strobe equipment are built into each Integra unit. Integra units are designed to simply work, hassle free and reliable for as long as you own them. Letting you the photographer fully concentrate on your subject and not technical obstacles. Integra units are not only the best value for your money, they are the shortest way to your successful professional shot. The Integra 1000 gives you the control and power your professional shoot requires, whether its commercial, portrait, wedding or industrial photography. One of the most successful new self contained units all over the world that gives you amazing power, fast recycle, total control and absolute reliability. True 1000 Ws you can count on flash after flash.

**INTEGRA 500**

- Bivoltage technology - can be used for 115v & 230v operation by setting the sliding switch to the respective mains voltage
- Practical handle for panning / swivelling and for carrying
- Reflector clamp mechanism
- Fan cooled for unlimited use
- New designed strong Tilting head with integrated umbrella holder for up to 1/2” shafts
- User replaceable flash tube
- Test button for manual triggering
- Protection glass dome for safety and color correction

**INTEGRA 1000**

- Practical Handle for panning / swivelling and for carrying
- Reflector Clamp Mechanism, newly developed for easy mounting of reflectors and accessories
- Newly designed strong Tilting Head with integrated Umbrella Holder for umbrellas with up to 1/2 inch shafts
- Strong metal housing with Aluminium cast reflector mounting.
- Adapter Ø for accessories: 10 cm; Compatibility with EH accessory line.

**SPECIFICATIONS**

- Stored Energy: 500ws
- Modeling lamp: 300W
- Recycle to 100%: 1.3 sec.
- Recycle time up 1/16%: 0.6 sec.
- Flash Duration t0.1: 1/400 sec.
- Flash Duration t0.5: 1/1300 sec.
- Output adjustment flash: Stepless 5 f-stops
- Output Modeling light: Full/off/prop
- Weight: 4.75 lbs. (2.2kg)
- Dimensions: 12.25 L x 5.0 W x 7.75H” (31x13x20cm)

**INTEGRA 500**

Integra 500 Monolight (1008812)
Item # HE1500..................489.95

**INTEGRA 1000**

Integra 1000 Monolight (1008842)
Item # HEI1000...............875.00

**STUDIO KITS**

Power Factory 1000 Kit (7028812)
The Power Factory 1000 contains everything your professional photo shoot requires. A complete studio, ready to go right out of the box!
Two Integra 500 units with a combined power of 1000ws, a light weight but sturdy carrying case and all the reflectors and umbrellas to form your light perfectly to your needs. All at a price you would never expect!
Kit includes:
2- Integra 500 lights
2- Umbrella flood reflectors
1- "7" grid reflector
1- Softbag incl stand compartment
2- 300W halogen model lamps
1- Sync cord
2- Economy umbrellas - white
Item # HEI5002K ...........995.00

**Power Factory 1000S Kit (7048812)**
Kit includes:
2- Integra 500 lights
2- Umbrella flood reflectors
1- "7" grid reflector
1- Softbag includes stand compartment
2- 300W halogen model lamps
2- Heavy duty stands, and a high quality stand bag
1- Sync cord
2- Economy umbrellas - white
Item # HEI5002KQ .........1098.95

Flash tube
for Integra 1000 (949872)
User replaceable, single coated
Item # HEFTI1000 ............159.95
**REFLECTORS AND ACCESSORIES**

**ACCESSORIES**

- **Adapter** (5043)
  For use with 504 7” Grid Reflector Required to attach barndoors and filter holder.
  Item # HERAR7 ............... 86.00

- **Adapter Attachment Frame** (5053)
  For use with 5050 Long Horn Reflector Required to attach barndoors and filter holder.
  Item # HEARLH .................. 50.00

- **Filter Holder** (5042)
  For use with 5043 adapter and 50 7” grid reflector.
  Item # HEFHR7 ............... 26.00

- **Filter Holder** (5052)
  For use with 5053 Attachment Frame and 5050 Long Horn Reflector.
  Item # HEFHR12 ............... 38.00

- **Basic Frame** with 1 Filter Holder (5064)
  For use with 90 Basic Frame with Filter Holder.
  Item # HEFHR9 ............... 39.00

- **Basic Frame** with 1 Filter Holder (5061)
  For use with 9601 12” Reflector.
  Item # HEFR12 ............... 117.00

- **Color and Diffusion Filter Set** (179)
  Heat resistant set of 6 color and 4 diffusion filters for use with 12” Reflector.
  Item # HECDFSR12 ........... 103.00

- **Color and Diffusion Filter Set** (712)
  Heat resistant set of 6 color and 4 diffusion filters for use with all 9” Reflectors.
  Item # HECDFSR9 ........... 53.00

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**REFLECTORS**

- **Short Soot Reflector** (793)
  For hair and rimlights. Very focused light eliminates pair problems with the camera. Narrow coverage with sharp transition between, at the edge of the light circle.
  Item # HERSS ............... 83.00

- **Narrow Soot Reflector** (92)
  Similar to 793 but narrower beam.
  Item # HERN5 ............... 93.00

- **AC Soft Reflector White** (86)
  The classic beauty dish. Soft and warm indirect light for portrait, glamour and beauty work. 16.5” diameter. A grid for narrowing the beam is available as an accessory.
  Item # HERACSW ............... 179.00

- **AC Soft Reflector Silver** (8601)
  The classic beauty dish with a new look. The silver surface gives it a much more brilliant light which creates soft shadows at the same time. Large coverage. Perfect for fashion beauty and product shots for amazing color saturation.
  Item # HERACSS ............... 179.00

- **Umbrella Flood Reflector** (87)
  Gets the highest efficiency out of umbrellas without spilling light to the sides. Large but very controlled coverage. Because of this it can also be used as a wide angle reflector for direct illumination or indirect bouncing light from ceilings or walls.
  Item # HERUF ............... 47.95

- **Backlight Reflector** (156)
  Item # HERBL ............... 138.95

- **Long Horn Reflector Silver** (5050)
  The reflector with the narrowest beam and the highest efficiency. Coverage is approx. 30°. Throws light even over longest distances. Strong hotspot to the center creates hard light for brilliant highlights and deep sharp shadows. Accessories available are a frame to hold barndoors and filter holders. These reflectors are also available with white inner surfaces for a warmer softer light quality.
  Item # HERLH ............... 100.00

- **7˝ Reflector** (504)
  Compact and handy with even light distribution. Medium coverage of approx. 70°. With clip in 7 inch grids (fits most manufacturers 7” grids) beam is adjustable from 10 to 40°. With the adapter frame the grid reflector can be used with barn doors and filter gels which can be attached with the filter holder.
  Item # HER7 ............... 69.00

- **9˝ Reflector Small 70° (5060)**
  Reflector with 9” diameter. Has a wide beam, and takes round 9” grids. Very even with smooth falloff to the edges.
  Item # HER970S ............... 74.95

- **9˝ Reflector Medium (5061)**
  A real standard reflector for universal use with a medium coverage of approx. 50° and slight hotspot to the center. A large variety of accessories gives maximum control over the light. Accessories available are a frame to hold filters, square grids and barndoors. Filter gels can be changed with the filter holders without detaching barndoors or grids.
  Item # HER950M ............... 69.00

- **9˝ Reflector Large 30° (5062)**
  Reflector with 9” diameter. Has a narrow beam, and takes round 9” grids. Very even with smooth falloff to the edges.
  Item # HER930L ............... 83.00

- **9˝ Reflector Set Only (5064)**
  Consists of: 1-Reflector small, medium, and large.
  Item # HER95 ............... 180.00

- **12˝ Maxi Soft Reflector Silver** (9601)
  Larger than standard reflector with medium to narrow beam of approx. 50°. and stronger hotspot to the center. Very efficient. Same accessories as standard reflector only larger to fit the 11.5” diameter of this reflector.
  Item # HER12 ............... 89.00
**HONEYCOMB GRIDS**

- **Honeycomb Grid Holder** (527) For use with 12" reflector. Item # HEGHR12 .............. 60.00
- **Honeycomb Grid Holder** (526) For use with all 9" reflectors. Requires #90 Basic Frame. Item # HEGHR9 .................... 53.00
- **Round Honeycomb Grid Set** (505) For 7" Reflector. Set of 3 grids. Item # HEGSR7.............. 138.95
- **20° Honeycomb Grid** (507) For use with 7" Reflector. Item # HEG20 .............. 53.00
- **30° Honeycomb Grid** (508) For use with 9" Reflector. Item # HEG30 .............. 53.00
- **40° Honeycomb Grid** (509) For use with 9" Reflector. Item # HEG40 .............. 53.00
- **10° Single Honeycomb Grid** (506) For use with 12" Reflector. Not in the set. Item # HEG10 ..................... 60.00
- **Honeycomb Grid Set** for 12" Reflector. (530) Set of 6 grids with holder. Item # HEGSR12 .............. 457.00
- **Grid - Size 1 Silver** (5280) Grid for 12" Reflector. Item # HEG1SR12 .............. 74.00
- **Grid - Size 2 Silver** (5281) Grid for 12" Reflector. Item # HEG2S .............. 74.00
- **Grid - Size 3 Silver** (5282) Grid for 12" Reflector. Item # HEG3S .............. 74.00
- **Grid - Size 4 Silver** (5283) Grid for 12" Reflector. Item # HEG4S .............. 74.00
- **Grid - Size 5 Silver** (5284) Grid for 12" Reflector. Item # HEG5S .............. 74.00
- **Grid - Size 6 Silver** (5285) Grid for 12" Reflector. Item # HEG6S .............. 74.00
- **Grid - Size 7 Silver** (5286) Grid for 12" Reflector. Item # HEG7S .............. 74.00
- **Grid - Size 8 Silver** (5287) Grid for 12" Reflector. Item # HEG8S .............. 74.00

**HONESTY GRID SETS**

- **Honeycomb Grid Set** for 7" Reflector. Item # HEG9S .................... 53.00
- **Honeycomb Grid Set** for 9" Reflector. Item # HEG9SR12 .............. 54.00
- **Honeycomb Grid Set** for 12" Reflector. Item # HEG9HR12 .............. 54.00

**BARDOORS**

- **4-Wing Barndoor** (5041) For 7" reflector. Item # HEBD4R7 .............. 69.95
- **4-Wing Barndoor** (97) For 12" reflector. Item # HEBD4R12 .............. 87.00
- **4-Wing Barndoor** (173) For 9" reflector. Item # HEBD4R9 .............. 79.00

**SOFTBOXES**

- **Octoform Lightbox Silver 3x3’ without Adapter** (4000090) Item # HEOFLB3S .............. 321.00
- **Octoform Lightbox Silver 5x5’ without Adapter** (4000150) Item # HEOFLB5S .............. 393.00
- **Adapter, Contra and Porty for Octoform boxes** (4000300) Item # HESRLB .............. 60.00

**FLASHTUBES, MODEL LAMPS AND GLASS DOMES**

- **Spare Flashtube f/Integra** (9454640) User replaceable. UV coated. Item # HEFTUV150 .............. 56.00
- **Spare Flashtube for EHT Porty Plug In** (9449951) User exchangeable. Plugs in without the use of any tools. Item # HEFTEPHT .............. 136.00
- **Spare Flashtube f/EH Head** (9449920) For EH 1200C Head. Item # HEFTEH1200C .............. 107.00
- **Spare Flashtube f/EH Head** (9449910) For EH 1200C Head. Old style. Item # HEFTEH1200 .............. 120.00
- **300W Model Lamp f/Integra** (1001762) Item # HEMILIC .............. 19.95
- **50W Modeling Lamp for Porty Heads** (185) Item # HEMLEHTP .............. 12.95
- **Glass Dome f/EHT Heads** (9454640) Clear uncoated. User inter-changeable. Plugs in without use of tools. Item # HEDCEHTP .............. 97.00
- **Glass Dome f/EHT Heads** (9454641) Harder light, approx 300K warmer than uncoated clear dome. Item # HEDC300EHTP .............. 97.00
- **Glass Dome f/EHT Heads** (9454642) Clear 2 coating, approx 600K warmer than uncoated clear dome. Item # HEDC600EHTP .............. 97.00
- **Glass Dome f/EHT Heads** (9454643) White frosted+coated. Softer warmer than clear dome. Item # HEDFEHTP .............. 97.00
- **Glass Dome f/EHT Heads** (9454644) White frosted+coated. Softer warmer than clear dome. Item # HEDF300EHTP .............. 97.00
- **Glass Dome f/EHT Heads** (9454645) Softier warmer light than clear dome. Approx 600K warmer than uncoated frosted dome. Item # HEDF600EHTP .............. 97.00
STUDIO FLASH UNITS

INTERFIT

STROBE LIGHTING
MONOLIGHTS

150S/250S

Ideal for use in the small studio or when portability is important. Both units offer excellent flash output and can be adjusted to any point between full and one eighth power, that’s four whole f-stops, (very useful when used with digital cameras). The bright mains driven modeling lamp automatically adjusts its brightness in ratio to the selected flash power. If required the modeling lamp can be turned off independently from the flash. A built in infra-red sensitive slave allows the use of trigger systems, such as the Interfit IRX, an alternative to the standard synchronization cord supplied. The strong metal support bracket can be swung through 180° allowing the flash units to be either stand mounted or hung from overhead gantry systems.

150S/250S SPECIFICATIONS

Flash Power:
(150S) 150 w/s.
(250S) 250 w/s.
Flash Adjustment:
(150S/250S) 4 f-stops.
Recycling Time:
(150S) 1.5 sec.
(250S) 2.5 sec.
Modeling Lamp:
(150S/250S) 60W.
Auto Dump Facility:
(150S/250S) No.
Audio Recycling Signal:
(150S/250S) No.
I/R Sensitive Slave:
(150S/250S) Yes.
Color Temp:
(150S/250S) 5600°K
Weight:
(150S) 4.6 lbs. (2.1kg)
(250S) 5.1 lbs. (2.3kg)

150/250S

500P/1000P

Designed to full professional specification the 500P and 1000P units have all the power needed in the busy professional studio. The flash output can be adjusted to any point between full and one thirty second power (Five full f-stops). The bright 250W quartz halogen modeling lamp automatically adjusts proportionally to the flash power set, unless overridden by the switch provided. Complete with “Auto Power Dumping” the units ensure that output will be exactly at the required level when lower power settings are selected. An audible recycling indicator can be switched on when required in addition to the normal flash ready light. A built in highly sensitive infra-red slave allows the flash to be triggered by an Interfit IRX or other similar device as an alternative to the standard synchronization cord provided. A strong metal support bracket swings through 180° allowing the unit to be hung from a gantry system or set on a conventional stand. The support bracket on the side of the head can easily be adjusted to compensate for the center of gravity when soft boxes or other accessories are used.

500P/1000P SPECIFICATIONS

Flash Power:
(500P) 500 w/s.
(1000P) 1000 w/s.
Flash Adjustment:
(500P/1000P) 5 f-stops.
Recycling Time:
(500P) 4.8 sec.
(1000P) 6.2 sec.
Modeling Lamp:
(500P/1000P) 250W Halogen.
Auto Dump Facility:
(500P/1000P) Yes.
Audio Recycling Signal:
(500P/1000P) Yes.
I/R Sensitive Slave:
(500P/1000P) Yes.
Color Temp:
(500P/1000P) 5600°K
Weight:
(500P) 8.8 lbs. (4.0kg)
(1000P) 9.4 lbs. (4.3kg)

150S/250S

Interfit Colorflash 150S (INT400U)
Item # PAI150 ................. 199.95
Interfit Colorflash 250S (INT402U)
Item # PAI250 ................. 249.95

500P/1000P

Interfit Colorflash 500P (INT404U)
Item # PAI500 ................. 475.95
Interfit Colorflash 1000P (INT406U)
Item # PAI1000 ............... 559.95

Each flash unit is supplied complete with removable AC cable, sync cord, modeling lamp and a “spill kill” reflector that can be removed and replaced with a soft box or alternative reflectors.
ACCESSORIES

Interfit Flashmeter
A simple, very effective flash meter that takes both incident and reflected light measurements. Accuracy is to + or - 1/3rd of a stop with a range of 100 ISO from f2 to f32 in one third of a stop increments.
Item # PAIFM ............. 54.99

Interfit IRX (INT411)
The IRX fits onto the cameras hotshoe, and emits a wide infra red beam which ensures successful triggering of all infra red sensitive flash units.
Item # PATIR ................. 35.99

Snoots
The fully ventilated snoot gives a concentrated yet soft effect ideal for hair lighting.
Snoot for 150S/250S (INT200)
Item # PAS150250 ............... 45.99

Snoot for 500P/1000P (INT201)
Item # PAS5001000 .......... 49.99

Honeycomb Grids (INT202)
Offers more directional and somewhat softer light. They attach to the front of the standard “spill kill” reflector by means of an adapter.
Item # PAGF .................. 59.99

Sync Cords (CIA330)
Sync cords are available and are supplied in a strong storage pouch.
Item # PASCQ .................. 10.99

Softboxes
Two styles square or octagonal, both with double diffusion, producing a broad diffused lighting.
Softbox 24x24" (INT420)
Fits Colorflash 150S and 250S.
Item # PASB2424 ........... 79.99

Softbox 39x39" (INT422)
Fits Colorflash 500P and 1000P.
Item # PASB3939 ........... 159.95

Octobox 47x47" (INT423)
Fits Colorflash 500P and 1000P.
Item # PAOB4747 ........... 189.95

Umbrellas
Available in silver with black cover or translucent white. Silver offers a broad, softer spread of light while maintaining the flash output. The translucent umbrella produces very soft diffused light when the flash is fired through it.
Translucent Umbrella (INT260)
39" (100cm).
Item # PAIU39T ............ 15.99

Translucent Umbrella (INT261)
47" (120cm).
Item # PAIU47T ............ 19.99

Silver Umbrella (INT262)
39" (100cm).
Item # PAIU39S ............ 22.99

Silver Umbrella (INT263)
47" (120cm).
Item # PAIU47S ............ 25.99

LIGHTING STANDS

Air Damped Stands
Suitable for Interfit Colorflash, Tungsten and most makes of current studio lighting systems. The air cushioned construction ensures safe operation for even the heaviest of studio lights. Made from heavy duty aluminum, the stands are designed to satisfy years of constant studio use. A separate locking collar ensures stability when under load. The reversible spigot with its 1/4 and 3/8 inch threads allow screw thread equipment to be mounted on the stands. The spigots can be removed to accommodate the Interfit Cross Pole background support.
Compact Stand (COR751)
Item # PALS8 .............. 58.99

Standard Stand (COR752)
Item # PALS10.5 ........... 65.99

SPECIFICATIONS

<table>
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<tr>
<th>TYPE</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>No. of Sections</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Compact</td>
<td>28&quot; (72cm)</td>
<td>6'11&quot; (210cm)</td>
<td>4</td>
<td>3.1 lbs. (1.4kg)</td>
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<td>Standard</td>
<td>39&quot; (99cm)</td>
<td>8' (244cm)</td>
<td>3</td>
<td>3.7 lbs. (1.7kg)</td>
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</table>

CROSS POLE SET

Cross Pole Set (COR753)
By adding the cross-pole to two standard Interfit lighting stands a lightweight yet sturdy background support system is created. One, two or three sections can be utilized creating background widths of three, six or ten feet.
Item # PABSS ............ 159.99

KITS

Colorflash 150S Kit (INT122U)
Kit includes:
(2) 150S flash units
(2) Air-cushioned stands
(1) Silver umbrella
(1) White translucent umbrella.
Item # PAI150K ........... 468.95

Colorflash 250S Kit (INT123U)
Kit includes:
(2) 250S flash units
(2) Air-cushioned stands
(1) Silver umbrella
(1) White translucent umbrella.
Item # PAI250K ........... 559.95

Colorflash 500P Kit (INT124U)
Kit includes:
(2) 500P flash units
(2) Air-cushioned stands
(1) Silver umbrella
(1) White translucent umbrella.
Item # PAI500K ........... 789.95

Colorflash 1000P Kit (INT125U)
Kit includes:
(2) 1000P flash units
(2) Air-cushioned stands
(1) Silver umbrella
(1) White translucent umbrella.
Item # PAI1000K ........ 1199.95
There are 3 units. The basic model 200 ws, the Standard Model 400 w/s, and the top model is 600 w/s, all in a tiny package. All models have infinitely variable energy control, which is adjustable over four f-stops. There is a large potentiometer with easy to read division. They have color-coded controls, and automatic dissipation of energy without firing. Has extremely fast recycling from 0.4, and a short flash duration down to 1/1400s. These units are highly efficient and fan cooled, with a brilliant, 200W proportional modeling light. All halogen tubes now with a burning life of 2000 hours. There is an integral long-range slave cell with IR function, and optical and acoustic firing monitor. Each unit is in a stylish, extremely rugged plastic housing. Has a novel tilt head with sure-grip brake and 5/8” socket. Comes with long-life UV absorbing flash tubes with a plug in base for user friendly, on the spot rapid changing. Has a large ergonomic handle and type P reflector bayonet mount.

**SPECIFICATIONS**

**PROFILUX 200**

- Flashpower: 200 w/s.
- Power Supply: 110 - 130V
- F-Stop (ISO 100): 32.6
- Guide No. (ISO 100): 131 ft. (40m)
- Control Range, Infinitely Variable: 25-200
- Recycling Time: 0.3-0.8 sec.
- Flash Duration: 1/900-1/1400 sec.
- Flash Tube UV Absorbing: COM ROW-4.
- Halogen Modeling Light: 200/Osram 64503
- Modeling Light Control Range: 25-200W
- Connected Load A/VA: 4.0/950W
- Flash Voltage Stability: +/-1
- Dimensions: 4.5 x 4.5” (114x114mm)
- Length: 11.6” (295mm)
- Weight: 3.9 lbs. (1.75kg)

**200 ACCESSORIES**

- Modeling Lamp (FILHAL1)
  Item # MUMLC200.................24.95
- Flashtube (FILROW)
  Item # MUFTC200..................58.95
- AC Cord (FILNET)
  Item # MUACCC200...............9.95

**PROFILUX 400**

- Flashpower: 400 w/s.
- Power Supply: 110 - 130V
- F-Stop (ISO 100): 45.9
- Guide No. (ISO 100): 203 ft. (62m)
- Control Range, Infinitely Variable: 50-400
- Recycling Time: 0.4-1.3 sec.
- Flash Duration: 1/500-1/850 sec.
- Flash Tube UV Absorbing: COM ROW-4.
- Halogen Modeling Light: 200/Osram 64503
- Modeling Light Control Range: 25-200W
- Connected Load A/VA: 4.0/520W
- Flash Voltage Stability: +/-1
- Dimensions: 4.5 x 4.5” (114x114mm)
- Length: 11.6” (295mm)
- Weight: 4.2 lbs. (1.9kg)

**400 ACCESSORIES**

- Modeling Lamp (COMJO1)
  Item # MUMLC400..............637.50
- Flashtube (COMROW)
  Item # MUFT200400.............59.95
- AC Cord (VANET)
  Item # MUACCC400..............21.95

**PROFILUX 600**

- Flashpower: 600 w/s.
- Power Supply: 110 - 130V
- F-Stop (ISO 100): 64.7
- Guide No. (ISO 100): 276 ft. (84m)
- Control Range, Infinitely Variable: 75-600
- Recycling Time: 0.5-2.2 sec.
- Flash Duration: 1/300-1/600 sec.
- Flash Tube UV Absorbing: PROREW.
- Halogen Modeling Light: 200/Osram 64503
- Modeling Light Control Range: 25-200W
- Connected Load A/VA: 4.0/520W
- Flash Voltage Stability: +/-1
- Dimensions: 4.5 x 4.5” (114x114mm)
- Length: 13.2” (336mm)
- Weight: 5.2 lbs. (2.35kg)

**600 ACCESSORIES**

- Modeling Lamp (LUHAL4)
  Item # MUMLP200..............27.95
- Flashtube (PROREW)
  Item # MUFTP600...............94.95
- AC Cord (VANET)
  Item # MUACCC600.............21.95
COMPACTLITE

The extremely user-friendly studio flash with a powerful 200 w/s for f/45.1 - 1m - ISO 100/21°. With halogen modeling light and robust mechanical construction. Plus the time-proven "P" bayonet mount for a large number of light formers from the extensive Multiblitz line.

65° Standard Reflector (FILNOS)
Item #MURS..................46.95

Umbrella Reflector (COMSCH)
Item #MURU..................34.95

Background Reflector (COMVER)
Item #MURBG.................79.95

Soft Reflector (COMWEW)
Item #MURSQ.................106.95

Trough Reflector (COMMUL1)
Item #MURTQ................189.95

Snoot (COMBUS)
Item #MUS..................53.95

Light Stand (PROSTA)
Item #MULS..................64.95

Barndoors (COMSABL1)
for standard reflector.
Item #MUBDSR.............49.95

Barndoors (MULSABL1)
for Trough reflectors.
Item #MUBDTR.............64.95

Filter Set (COMFIL)
for standard reflector.
Item #MUFSSR.............29.95

14’x 36’ Softbox (PROFES5)
Item #MUSB1436...........219.95

20’x 20’ Softbox (PROFES50)
Item #MUSB2020...........138.50

30’x 30’ Softbox (PROFES75)
Item #MUSB3030...........187.95

IR Remote Trigger (MUSEN)
Item #MURCIR.............69.95

Medium Honeycomb Grid (COMWANM)
for standard reflector.
Item #MUGM.............41.95

Large Honeycomb Grid (COMWANL)
for standard reflector.
Item #MUGL.............41.95

Honeycomb Grid (COMWAL1)
for trough reflector.
Item #MUGTR.........118.95

28’ Umbrella (PRORES)
Item #MUU28.............49.95

32’ Umbrella (VARES)
Item #MUU32.............59.95

Softscreen (COMSOF)
for standard reflector.
Item #MUSSF...........34.95

600 w/s Light Kit (PROKOM2)
Kit Includes:
(3) Profilux 600 w/s units
(3) Folding stands (PROSTA)
(1) Standard reflector (FILNOS)
(1) Soft disk (COMSOF)
(1) Snoot (COMBUS)
(1) Softbox 20’ x 20’ (50x50cm)
(1) Sync cable (MASYG)
(1) Equipment case (PROKOF)
Item #MUP200DK.........1649.95

400 w/s Light Kit (PROKOM4)
Same as above with:
(3) Profilux 400 w/s units
Item #MUP400DK........2163.50

600 w/s Light Kit (PROKOM6)
Same as above with:
(3) Profilux 600 w/s units
(1) Softbox 30’ x 30’ (75x75cm)
Item #MUP600DK........2514.50

DELUXE KITS

200 w/s Light Kit (PROKIT2)
Kit Includes:
(2) Profilux 200 w/s units
(2) Folding stands (PROSTA)
(2) Umbrella reflectors
(1) Umbrella (COMSCH)
(1) Umbrellas (PRORES)
(1) Sync cable (MASYG)
(1) Equipment bag (PROKOF)
Item #MUP200LK........1069.95

400 w/s Light Kit (PROKIT4)
Same as above with:
(2) Profilux 400 w/s units
Item #MUP400LK........1428.95

600 w/s Light Kit (PROKIT6)
Same as above with:
(2) Profilux 600 w/s units
Item #MUP600LK........1529.50

LOCA TION KITS

200 w/s Light Kit (PROKIT2)
Kit Includes:
(2) Profilux 200 w/s units
(2) Folding stands (PROSTA)
(2) Umbrella reflectors
(1) Umbrella (COMSCH)
(1) Umbrellas (PRORES)
(1) Sync cable (MASYG)
(1) Equipment bag (PROKOF)
Item #MUP200LK........1069.95

400 w/s Light Kit (PROKIT4)
Same as above with:
(2) Profilux 400 w/s units
Item #MUP400LK........1428.95

600 w/s Light Kit (PROKIT6)
Same as above with:
(2) Profilux 600 w/s units
Item #MUP600LK........1529.50

PROFILUX KITS

The composition of Profilux sets is based on the daily requirements of working professionals all over the world. Profilux sets fit in every vehicle, every aircraft. Top-quality materials make them practically indestructible. Apart from the complete sets offered, there are practically no limits to creating your own Profilux outfit. A versatile system of Profilux light formers lets you assemble your dream setup with the utmost ease.

65° Standard Reflector (FILNOS)
Item #MURS..................46.95

Umbrella Reflector (COMSCH)
Item #MURU..................34.95

Background Reflector (COMVER)
Item #MURBG.................79.95

Soft Reflector (COMWEW)
Item #MURSQ.................106.95

Trough Reflector (COMMUL1)
Item #MURTQ................189.95

Snoot (COMBUS)
Item #MUS..................53.95

Light Stand (PROSTA)
Item #MULS..................64.95

Barndoors (COMSABL1)
for standard reflector.
Item #MUBDSR.............49.95

Barndoors (MULSABL1)
for Trough reflectors.
Item #MUBDTR.............64.95

Filter Set (COMFIL)
for standard reflector.
Item #MUFSSR.............29.95

14’x 36’ Softbox (PROFES5)
Item #MUSB1436...........219.95

20’x 20’ Softbox (PROFES50)
Item #MUSB2020...........138.50

30’x 30’ Softbox (PROFES75)
Item #MUSB3030...........187.95

IR Remote Trigger (MUSEN)
Item #MURCIR.............69.95

Medium Honeycomb Grid (COMWANM)
for standard reflector.
Item #MUGM.............41.95

Large Honeycomb Grid (COMWANL)
for standard reflector.
Item #MUGL.............41.95

Honeycomb Grid (COMWAL1)
for trough reflector.
Item #MUGTR.........118.95

28’ Umbrella (PRORES)
Item #MUU28.............49.95

32’ Umbrella (VARES)
Item #MUU32.............59.95

Softscreen (COMSOF)
for standard reflector.
Item #MUSSF...........34.95

COMPACTLITE

Basic Model (ECOSTU)
Item #MUCL................293.95

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B & H
PHOTO • VIDEO • PRO AUDIO
**NORMAN ALLURE DP 320**

The new Allure DP 320 is an economically priced, lightweight, 320 watt second monolight you can use anywhere. - No AC connector available? - Use an Allure Battery Pack (BP320), or a Quantum Turbo® battery. The Allure D P320 is ideally suited for in-studio use, and equally suitable for on-location photography. Includes on each:

- Monolight, coated flash-tube, 100w modeling light, 5" reflector, AC power cord, DC cable, sync cable and protective cover.

**FEATURES**

- 100 Watt Modeling Lamp Included
- Compatible with all Norman reflectors and accessories
- Five inch reflector included
- Built in photo eye
- Full, half and quarter power settings
- Accepts a wide variety of softboxes and accessories
- Weighs only 3.75 pounds

**SPECIFICATIONS**

**Power:**
- 320 w/s

**Recycle Time:**
- 3.0 sec.

**Watt Sec. Range:**
- 25-1200

**Weight:**
- 3.7 lbs. (1.7kg)

**Modeling Lamp:**
- 100W

**Circuit Breaker:**
- 15 amp

**ACCESSORIES**

- Battery, DC Power Source (BP320)
  - Item # NOBA320 ............199.50
- Coated Flash Tube Replacement (FT320)
  - Item # NOFT320 ............46.00
- Adapter Ring (RF009)
  - Item # NOARDP320 ...........11.00

**COMPACTLITE KITS**

**COMPACTLITE KIT**

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
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<tr>
<td>Compactlite Location 3 Light Kit (ECKOM)</td>
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<tr>
<td>Compactlite Deluxe 3 Light Kit (ECKOM)</td>
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<tr>
<td>Compactlite Location 3 Light Kit (ECKOM)</td>
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<tr>
<td>Compactlite Deluxe 3 Light Kit (ECKOM)</td>
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</table>

**ACCESSORIES**

- Battery, DC Power Source (BP320)
  - Item # NOBA320 ............199.50
- Coated Flash Tube Replacement (FT320)
  - Item # NOFT320 ............46.00
- Adapter Ring (RF009)
  - Item # NOARDP320 ...........11.00
M1200P/ M1200C DUAL-LITES

The M 1200P/M 1200C Dual-Lites are self-contained 1200w/s flash units with auxiliary lamphead outlets to plug in another lamphead when needed. Both the Dual-Lites and the lamphead are individually controlled. The M 1200P Dual-Lite will accept all Norman Portrait Series 500 lampheads, including; LH 500, LH 500B, LH 500+ and LH 500B+. The M 1200C Dual-Lite accepts all Norman Commercial Series 900 lampheads, including; LH 2000, LH 2000B, LH 2400, and LH 2400B, LH 4000, TL-2000, FS10, IL2500 and IL2500-TC.

FEATURES

■ When you need two lights there’s no need to buy another mono-lite. Just plug a Norman lamphead into the auxiliary outlet of the Dual-Lites
■ 3 power ratio options
■ Both the “main” and the “auxiliary” lamphead are independently controlled in 1/10-stop increments over a 6-stop range via the +/- switches
■ Switch off the auxiliary light without using a remote via the Main Aux. off/on switch.

M1200P

M1200P Dual-Lite
1200 w/s (M1200P)
Item # NOM1200P ..........978.95

SPECIFICATIONS

| Power: | 1200 w/s |
| Recycle Time: | 3.0 sec. |
| Watt Sec. Range: | 25-1200 |
| Weight: | 13.36 lbs. (6.1kg) |
| Modeling Lamp: | Fan cooled 250W quartz halogen |
| Circuit Breaker: | 15 amp |

M1200C

M1200C Dual-Lite
1200 w/s (M1200C)
Item # NOM1200C ..........1049.00

SPECIFICATIONS

| Power: | 1200 w/s |
| Recycle Time: | 3.0 sec. |
| Watt Sec. Range: | 25-1200 |
| Weight: | 13.36 lbs. (6.1kg) |
| Modeling Lamp: | Fan cooled 250W quartz halogen |
| Circuit Breaker: | 15 amp |

AUXILIARY LAMPHEADS FOR M1200C DUAL-LITE

Illuminator Studio Head (IL2500)
Plug in the FQ5-UV flashtube and use the Illuminator with all studio reflectors. Spring pin mounted reflectors are “type 1” and the Illuminator precision-mounted reflectors are “type 2”. Both types fit the Illuminator.
Item # NOIL2500 ...........420.00

Illuminator Compact Travel Head (IL2500-TC)
This head utilizes the unique FQ5-TC “Tube in a Can” 5˝ reflector/flashtube assembly, which boosts the light 7/10 stop over the standard 5DL 5˝ reflector. The angle of coverage is 100°. It accepts all Norman 5˝ barndoors, grids, gels etc. and is cool to touch even in the most severe shooting conditions.
Item # NOIL2500TC .........482.00

LH2000 Lamphead (2500 w/s) (LH2000)
This is a low-cost alternative to the Illuminator where fan cooling and features are not required. It comes with a 20’ (6.1m) cable, FQ3 UV flashtube and 205W quartz modeling lamp.
Item # NOLH2000 ..........314.95

LH2400 Lamphead (LH2400B)
Same as above with blower.
Item # NOLH2400B ........395.95

LH4000 High Power Lamphead (LH4000)
Delivers up to 5000 w/s per flash. It utilizes an FQ4-UV dual helix flashtube and two 20’ (6.1m) lamphead cables that connect to one or two power supplies. The dual helix flashtube delivers a flash duration that is twice as fast as the Illuminator and LH 2000 heads. A 2000 w/s lamphead provides 1/1000 sec. duration, and the LH 4000 provides 1/2000 sec. thereby freezing higher-speed action. By connecting the lamphead cables to two P24/24 power supplies you will get 4800 w/s. The LH 4000 is thermostat protected and is invaluable for all applications.
Item # NOLH4000 ..........679.00
**NORMAN**

**LAMPHEADS/SPOTLIGHTS**

### AUXILIARY LAMPHEADS FOR M1200P DUAL-LITE

**LH500 Studio Lamphead (LH500)**
This basic 600 w/s lamphead is a low-cost alternative where fan cooling is not required. It comes with a 20’ (6.1m) cable, FT6-UV flashtube and 205W quartz modeling lamp.

- **Item # NOLH500** ......... **214.95**

**LH500+ Studio Lamphead (LH500P)**
Similar to the LH500, but utilizes an FT16-UV (1200 w/s) flashtube. Used with the 808M models where maximum power is required on a single lamphead.

- **Item # NOLH500P** ......... **261.00**

### DUAL-LITE REFLECTORS

**5DL Type-1 Reflector (5DL)**
Norman’s best umbrella reflector. Its compact 5” diameter makes it great for location work, and its 130° coverage is nice for lighting backgrounds. The output gain is 1/2 stop over bare bulb. Used with LH500 Series, LH2000, LH2400, LH4000, M onolites and Dual-Lites.

- **Item # NOR5H4** ......... **31.00**

**5DL Type-2 Reflector (5DL2)**
Same as above, but used only with Illuminator heads.

- **Item # NOR5L2500** ......... **34.95**

**5DL-RP Type-1 Reflector (5DLRP)**
This 5” reflector includes an RP-1 Diffusion Dome which softens the light and integrates the flashtube and modeling lamp for accurate previewing. This is especially handy when using barndoors, grids and snoots. What you see with the modeling lamp is what you get with the flash. Coverage is 130°. It requires fan cooling if quartz modeling is utilized. Used with LH500 Series, LH2000, LH2400, LH4000, M onolites and Dual-Lites.

- **Item # NOR5DLH4** ......... **59.95**

**5DL-RP Type-2 Reflector (5DLRP2)**
Same as above, but used only with Illuminator heads.

- **Item # NOR5DL2500** ......... **64.95**

**5E Type-1 Reflector (5E)**
A 10” diameter general purpose reflector that accepts all Norman 10” accessories. Produces a 2-1/10 stop output gain over bare bulb. Its new textured reflecting surface improves coverage to 65°, while maintaining high light output. Used with LH500 Series, LH2000, LH2400, LH4000, M onolites and Dual-Lites.

- **Item # NOR10H4** ......... **44.00**

**5E Type-2 Reflector (5E2)**
Same as above, but used only with Illuminator heads.

- **Item # NOR10L2500** ......... **44.95**

**5E-RP Type-1 Reflector (5E-RP)**
Includes an RP1 Diffusion Dome, which softens the light and integrates the flashtube and modeling lamp for accurate previewing. The 5ERP is especially handy for assignments such as low-key portraiture where you want a relatively hard key light to bring out skin texture. Coverage is 80°. Used with LH500 Series, LH2000, LH2400, LH4000, M onolites and Dual-Lites.

- **Item # NOR10DLH4** ......... **77.50**

### SPOTLIGHTS

**FS10 Fresnel Spotlight (FS10)**
Provides the drama of theatrical lighting. You can control the mood or add localized light to emphasize subject detail. It has a 10” Fresnel Lens. The housing is a high quality Bardwell MCAflister “Junior Spotlight”. It produces a brilliant, even light with a long throw and a controllable beam. The focus is very smooth with only a 1/4 turn from flood to spot. Light output is f/22 flood, and f/32 spot (ISO 100, 10 feet @ 2000 w/s) at any iris setting.

- **Item # NOFS10** ......... **1063.95**

Opens a new world of creativity. It performs 3 functions; Focusing spot, Optical flash projector and Pinpoint light source. The front lens is a 4” f/2.8 flat field projection type that is interchangeable with most Kodak Carousel projector lenses, including zooms. The light output is f/8.5 (ISO100, 10 feet @ 2000 w/s) at any iris setting.

- **Item # NOTL2000** ......... **984.95**

**DeCapua Light Hose (DC1)**
Attaches to the front of the Tri-Lite. Comes with several light-shaping attachments. Great for painting with light.

- **Item # NOLHTL2000** ......... **334.95**

**5DL Type-2 Reflector (5DL2)**
Same as above, but used only with Illuminator heads.

- **Item # NOR5L2500** ......... **34.95**

**5DL-RP Type-1 Reflector (5DLRP)**
This 5” reflector includes an RP-1 Diffusion Dome which softens the light and integrates the flashtube and modeling lamp for accurate previewing. This is especially handy when using barndoors, grids and snoots. What you see with the modeling lamp is precisely what you get with the flash. Coverage is 130°. It requires fan cooling if quartz modeling is utilized. Used with LH500 Series, LH2000, LH2400, LH4000, M onolites and Dual-Lites.

- **Item # NOR5DLH4** ......... **59.95**

**5DL-RP Type-2 Reflector (5DLRP2)**
Same as above, but used only with Illuminator heads.

- **Item # NOR5DL2500** ......... **64.95**

**5E Type-1 Reflector (5E)**
A 10” diameter general purpose reflector that accepts all Norman 10” accessories. Produces a 2-1/10 stop output gain over bare bulb. Its new textured reflecting surface improves coverage to 65°, while maintaining high light output. Used with LH500 Series, LH2000, LH2400, LH4000, M onolites and Dual-Lites.

- **Item # NOR10H4** ......... **44.00**

**5E Type-2 Reflector (5E2)**
Same as above, but used only with Illuminator heads.

- **Item # NOR10L2500** ......... **44.95**

**5E-RP Type-1 Reflector (5E-RP)**
Includes an RP1 Diffusion Dome, which softens the light and integrates the flashtube and modeling lamp for accurate previewing. The 5ERP is especially handy for assignments such as low-key portraiture where you want a relatively hard key light to bring out skin texture. Coverage is 80°. Used with LH500 Series, LH2000, LH2400, LH4000, M onolites and Dual-Lites.

- **Item # NOR10DLH4** ......... **77.50**

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**STROBE LIGHTING**

**MONOLIGHTS**

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**www.bhphotovideo.com**
**DUAL-LITE REFLECTORS**

5WW Type-1 Reflector (5WW)
A 16” white portrait reflector that provides a nice blend of high-output and lighting softness. It produces a 1-stop gain over bare bulb and about 2½ to 3 stops more light than a softbox of comparable size. Used with LH500 Series, LH2000, LH2400, LH4000, Monolites and Dual-Lites.
Item # NOR16WLH4 ... 78.95

5WW-RP Type-1 Reflector (5WWRP)
Same as the 5WW, but with the RP1 Diffusion Dome, providing 80° of coverage. Used with LH500 Series, LH2000, LH2400, LH4000, Monolites and Dual-Lites.
Item # NOR16DWLH4 ... 104.50

5X Type-1 Reflector (5X)
A 22” white reflector that produces a beautiful and controllable soft light that bounces from the “saucer” into the reflecting surface. It produces 4/10 stop less light than a bare bulb, with 130° coverage, and about 1 stop more light than a softbox of comparable size. Its uses include product, fashion and portrait applications. Used with LH500 Series, LH2000, LH2400, LH4000, Monolites and Dual-Lites.
Item # NOR22LH4 ... 109.95

5U Type-1 Reflector (5U)
The 9” reflectors is the hottest output reflector in the Norman line, making it ideal for use with bounce flash as it produces a 2-1/2 stop gain over bare bulb. It’s nine inches in diameter with a 55° coverage. Used with LH500 Series, LH2000, LH2400, LH4000, Monolites and Dual-Lites.
Item # NOR9LH4 ... 49.50

5U Type-2 Reflector (5U2)
Same as above, but used only with Illuminator heads.
Item # NOR9IL2500 ... 57.50

Snoot (5C)
Used with LH500 Series, LH2000, LH2400, LH4000, Monolites and Dual-Lites.
Item # NOR9SLH4 ... 37.95

**BARndoors, Filter Frames, Holders and Gels**

4-Wing Barndoors (BD45) for 5” reflectors.
Item # NOBDS ... 66.95

4-Wing Barndoors (BD410) for 10” reflectors.
Item # NOBD10 ... 98.00

4-Wing Barndoors (BD416) for 16” reflectors.
Item # NOBD16 ... 104.95

4-Wing Barndoors (BD422) for 22” reflectors.
Item # NOBD422 ... 186.95

5” Filter Frame Holder (FFH5) to hold the 5” filter frame.
Item # NOFFH5 ... 34.95

10” Filter Frame Holder (FFH10) to hold the 10” filter frame.
Item # NOFFH10 ... 38.50

16” Filter Frame Holder (FFH16) to hold the 16” filter frame.
Item # NOFFH16 ... 38.00

Color Gel Packs
A pack of seven gels consisting of: #02 Bastard Amber (provides a healthy suntan look), #08 Pale Gold (for a slight warming effect), #12 Straw Yellow, #20 Medium Amber (simulates a fire or sunset), #26 Light Red, #80 Primary Blue, #89 Moss Green. Other colors can be created by stacking gels.

5” Color Gel Pack (CG5)
Item # NOCGS5 ... 16.50

10” Color Gel Pack (CG10)
Item # NOCGS10 ... 36.90

16” Color Gel Pack (CG16)
Item # NOCGS16 ... 57.95

5” Neutral Density Pack (ND5)
Three gels per pack; 1-stop, 2-stop and 3-stop.
Item # NONDS5 ... 17.95

10” Neutral Density Pack (ND10)
Item # NONDS10 ... 20.95

16” Neutral Density Pack (ND16)
Item # NONDS16 ... 28.95

Diffusion Packs
A pack of four different diffusion sheets. (1) lightly frosted (1/2-stop density) (2) medium frosted (1-stop density) and (2) striated diffusers that enable you to alter the angle of coverage by the way they are inserted into the filter frame.

5” Diffusion Pack (DF45)
Item # NODS5 ... 17.95

10” Diffusion Pack (DF10)
Item # NODS10 ... 21.95

16” Diffusion Pack (DF16)
Item # NODS16 ... 31.95
Grids

Norman has both round and square grids. The round grids come in 7.5°, 15°, 30° and 40° coverage. They are available in 1/2” and 1” thickness. They’re ideal for hair and accent lighting. Enables you to pinpoint the light for a desired effect. The square grid permits diffusion to be placed behind the grid thereby keeping the grid spot intact (fan cooling required).

- **1” Thick Grid**
  - Item # NOGS51
  - grids come in 7.5°, 15° and 30°.
  - Includes three round 5” grids: 71⁄2°, 15° and 30°.

- **5” Grid Holder**
  - Item # NOGH5
  - 5” Grid Set
  - Item # NOG517.5
  - Round, 5” 71⁄2°
  - Item # NOG5115
  - Round, 5” 15°
  - Item # NOG5130
  - Round, 5” 30°
  - Item # NOG5140
  - Round, 5” 40°

- **1/2” Thick Grid**
  - Item # NOGS5.5
  - grids: 15°, 30° and 40°.
  - Includes three round 5˝ grids: 15°, 30° and 40°.

Lightstands and Booms

- **Back Light Stand** (LS220)
  - Mounts the light near the floor, or with the telescoping post (incl.) up to 4½” from the floor.
  - Item # NOBLS8

- **“Mini-Compact” Stand** (LS222)
  - Ideal for location photography. Has 19” legs. (4-section).
  - Max. height: 7’.
  - Item # NOLSC

- **General Purpose Stand** (LS224)
  - Most popular stand. Has 27˝ legs. (4-section).
  - Ideal for portrait and commercial work where strength and portability are required.
  - Max. height: 8’.
  - Item # NOLSC

- **Super Boom/Stand Assembly** (LS234)
  - Norman’s finest boom arm. The dual crank controlled (lateral and vertical tilts) from the floor end of the boom. Saves having to use a ladder to adjust the light. Includes a steel cine stand with wheels. Extends the light from the floor to about 12 (3.6m). Weight is 49 lbs. (22kg).
  - Item # NOBA

- **Wheel Set** (WH1)
  - for LS222 and LS224 Stands.
  - Item # NOLSC

- **Wheel Set** (WH2)
  - for LS226 Stands.
  - Item # NOLSC

- **Boom Arm** (LS230)
  - Norman’s most popular boom. Ideal for portrait and commercial work where strength and portability are required.
  - Disassembles with an Allen wrench (included) to three sections of 24½” each. Includes detachable ballast weight. Total weight is 14½ lbs. (6.7kg).
  - Item # NOBA

- **Master Stand** (LS226)
  - Heavy duty, but lightweight. Ideal for use with Heavy duty, but lightweight. Ideal for use with
  - Item # NOLSMR

- **49.95**

- **60.95**

- **67.50**

- **74.95**

- **82.95**

- **94.95**

- **103.95**

- **139.95**

- **426.50**

For Any Inquiries Regarding Your Order, Call Our Customer Service:

(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
**LIGHTSTANDS ACCESSORIES**

- **Umbrella Stand Adapter 3/8˝ (R4108)**
  - Item #: NOSAU
  - Price: $23.95
- **Friction-Float Stand Adapter 3/8˝ (R4130)**
  - Item #: NOSAUFF
  - Price: $19.95
- **3/8˝-to-5/8˝ Lightstand Adapter (R4400)**
  - Item #: NOLSA5838
  - Price: $4.95

**UMBRELLAS**

- **30˝ White Umbrella (WB30)**
  - Item #: NOU30W
  - Price: $37.95
- **45˝ White Umbrella (WB45)**
  - Item #: NOU45WQ
  - Price: $43.50
- **60˝ White Umbrella (WB60)**
  - Item #: NOU60W
  - Price: $51.00

**CABLES**

- **AC Power Cable (R4150)**
  - For Series 450.
  - Item #: NOPCS450
  - Price: $13.95
- **AC Power Cable (R4156)**
  - For Series 500.
  - Item #: NOPCS500
  - Price: $13.95
- **AC Power Cable (R4157)**
  - For Series 500.
  - Item #: NOPCS900
  - Price: $13.95
- **“Y” Cable (R4152)**
  - For Series 450.
  - Item #: NOYCS450
  - Price: $89.95
- **“Y” Cable (R4153)**
  - For Series 500.
  - Item #: NOYCS500
  - Price: $84.50
- **“Y” Cable (R4154)**
  - For Series 900.
  - Item #: NOYCS900
  - Price: $99.95
- **20˝ (6.1m) Extension Cable (R45020)**
  - Item #: NOECS450LH
  - Price: $79.95
- **20˝ (6.1m) Ext. Cable (R50200)**
  - Item #: NOECS500LH
  - Price: $56.95
- **12˝ AC Cable (R4153)**
  - For Modeling Lamp.
  - Item #: NORACCML2Q
  - Price: $14.95

**FLASHTUBES**

- **250 w/s UV Flashtube (FT120)**
  - Used with LH2, LH4, LH450.
  - Item #: NOFT120
  - Price: $37.95
- **2500 w/s UV Flashtube (FT5)**
  - Used with LH2500.
  - Item #: NOFT1250
  - Price: $159.95
- **2500 w/s UV Flashtube (FTSTC)**
  - Used with LH2500-TC.
  - Item #: NOFT1250TC
  - Price: $179.50
- **600 w/s UV Flashtube (FT6)**
  - Used with NL400, LH500.
  - Item #: NOFT6
  - Price: $64.95
- **1200 w/s Flashtube (FT16)**
  - Used with LH1200, LH500+.
  - Item #: NOFT16
  - Price: $81.95
- **2000 w/s Flashtube (FL20)**
  - For TL900, TL2000.
  - Item #: NOQF20
  - Price: $198.95
- **400 w/s UV Flashtube (FT400)**
  - Used with LH52, LH54, TL500.
  - Item #: NOFT400
  - Price: $52.50

**PHOTO EYES**

- **Photo Eye (PE4)**
  - A general purpose, low cost, photo eye.
  - Item #: NOPE
  - Price: $26.95
- **Tiger Eye Photo Eye (NE1)**
  - Operates in direct sunlight up to 300° (91m).
  - Item #: NOTE
  - Price: $59.95

**MODELING LAMPS**

- **25W Clear Modeling Lamp**
  - For LH4, LH4A, LH54.
  - Item #: NOMLS
  - Price: $4.50
- **150W/230V Modeling Lamp (JD1709)**
  - For LH2000, LH2400, LH4000, LH500+ and LH500.
  - Item #: NOMLLH2400X
  - Price: $64.50
- **250W/230V Modeling Lamp (JD2024)**
  - For FS100, FS56, IL2500, IL2500-T, LH2000, LH2400, LH500+, LH500.
  - Item #: NOMLLH2400XQ
  - Price: $64.50
- **150W/120V Modeling Lamp**
  - Item #: GBESP
  - Price: $13.50
- **250W/120V Modeling Lamp**
  - Item #: GBESS
  - Price: $14.95

**ACCESSORY**

- **Camera Bracket (R4101)**
  - Mounts the LH2 and LH52 type lampheads to any 35mm camera at a height that prevents “red eye”.
  - Item #: NOBC
  - Price: $73.95
Novatron’s self contained Monolights take all the elements of a power pack, flashhead, and reflector and roll them into one lighting instrument that’s very easy to set up and transport. Each Novatron Monolight is a complete self contained strobe lighting system making them great for rapid set up. Just plug one into any household outlet, connect a camera with a sync cord and start shooting. The Monolights have the same quality standards that Novatron designs into its component systems: light weight, affordable and extremely efficient in light output. These units make great sources for hair light or main light, a means for illuminating a background, or even as a fill light. The M 300 uses the popular 2032 reflector attachment, which is also used on the Novatron Bare Tube flashheads. This allows existing Novatron users to take advantage of these completely self contained Monolights without the need to buy other accessories.

**M300**

- Max. Power: 300 w/s.
- Recycle Time: 2 sec.
- Weight: 4 lbs. 5 oz. (2kg)
- Dimensions: 12 x 4 x 4” WDH (30.4x10.2x10.2cm)

**M500**

- Max. Power: 500 w/s.
- Recycle Time: 2.5 sec.
- Weight: 5 lbs. 5 oz. (2.4kg)
- Dimensions: 11 x 5 x 5” WDH (28x12.7x12.7cm)

**M300 Monolight 300 w/s (M300)**

Item # NOM300 ..............345.00

**M500 Monolight 500 w/s (M500)**

Item # NOM500 ..............436.00

**Features**

- Both Monolights come with a plug-in 5500°K 700 w/s flash-tube, a 150W halogen modeling lamp, an 18’ power cord, a 2032 reflector and a 4045 universal mounting bracket with a 3/4” tilt lever handle.
- The lever handle allows the bracket to be tightened more securely with less hand pressure. This bracket also has a universal adapter base which allows it to mount to either a standard 5/8” stud or a smaller 3/8” tube/stud.

**Specifications**

- Max. Power: 300 w/s.
- Recycle Time: 2 sec.
- Weight: 4 lbs. 5 oz. (2kg)
- Dimensions: 12 x 4 x 4” WDH (30.4x10.2x10.2cm)

**M300 Monolight 300 w/s (M300)**

Item # NOM300 ..............345.00

**M500 Monolight 500 w/s (M500)**

Item # NOM500 ..............436.00

**Specifications**

- Max. Power: 500 w/s.
- Recycle Time: 2.5 sec.
- Weight: 5 lbs. 5 oz. (2.4kg)
- Dimensions: 11 x 5 x 5” WDH (28x12.7x12.7cm)

**6½ Reflector (2032)**

The 2032 reflector is 6½” in diameter and disperses a light pattern of 70°, just like the Novatron flashheads that have built in reflectors. The 2034 reflector is a 16” diameter parabola with the focal point being offset to create a softer 100° illumination pan reflector. Twist lock bayonets allow either reflector to quickly mount or dismount to the bare tube flashheads or the M 300 and M 500 Monolights’ front ring. Both reflectors are secured by a small pair of attachment knobs provided with each unit.

Item # NOR6 ..................42.95

**16” Reflector (2034)**

Item # NOR16 ..................61.95

**Four Way Barndoor (4011A)**

The Four Way barndoor can be used as a horizontal and or vertical shutter. It can be set at nearly any combination in between. A gel and diffusion holder is built in. The 4011-A will fit all Novatron flashheads and the 2032 reflectors.

Item # NOBD4 ..................72.95
Adjustable Snoot (4001A)
The adjustable snoot is a simple, effective creative tool for fine tuning added highlights to hair. When placed behind the subject, the hairlight effectively adds three dimensional qualities to most people shots. For even tighter accent lights, try the 4001-A1 attachment for the snoot.
Item # NOSA .................. 56.95

4030 Slave Unit (4030)
The 4030 Slave Unit is a terrific little electronic light sensitive device that weighs under an ounce and can trigger a flash when it detects another flash illumination. Any number of slaves can be used to fire an unlimited number of flash units and the effect is virtually immediate. Just plug in the slave into any low voltage sync outlet on one of the power packs or Monolights and it’s ready to go. Since the trigger is polarized, if it doesn’t trigger in one position, just reverse the polarity by plugging it in the opposite way.
Item # NOST .................. 27.95

FM02 Flashmeter (FM02)
The Novatron FM02 Flashmeter is small enough to fit in a shirt pocket. Its face plate lists the popular film speeds across the top row. To the left is a column of indicators. The meter is simple to use. Turn it on, Fire a test flash. One of the indicators on the meter’s face will illuminate. The illuminated indicator indicates the correct row of f-stops.
Item # NOFM02 .................. 79.95

Honeycomb Grid (4001A)
The 4001-A1 Honeycomb Grid is a simple attachment for directing a narrower, more concentrated beam of light. Fits the 4001-A snoot.
Item # NOGAS .................. 23.95

Fine Honeycomb Grid (4520)
Same as the older 4005, but with an added gel holder attachment. Fits all flashheads and the 2032 reflector.
Item # NOGFFH .................. 61.95

Coarse Honeycomb Grid (4620)
Same as the older 4006, but with an added gel holder attachment. Fits all flashheads and the 2032 reflector.
Item # NOGCFH .................. 61.95

Gel and Diffusion Material Kit (4021)
Includes one each of red, yellow, blue and green gels. It also includes two sheets of diffusion material and two UV color correction filters. There is a pair of gel gaskets included as well. These are great for holding gels in position for periods of time under intense heat. The gel gasket (M1-005) and the diffusion material are available separately.
Item # NOFSGD .................. 33.50

Gel Gaskets 2 Each (M005)
Item # NOGG .................. 3.95

Gel and Diffusion Material Holder (4020A)
The 4020A Gel and Diffusion Material Holder features a deep rear rim and snaps in place on the front rim of all Novatron’s 6” reflectors. It fully covers the Flashhead’s reflector and avoids any annoying light leakage. The 8” x 8” channel holds any one of the filters found in the 4021 Gel and Diffusion Material Kit.
Item # NOFH .................. 39.95

Diffusion Sheets (4008)
5 each, 8” x 8”.
Item # NOFSD88 .................. 13.95
LIGHT STANDS

5003 Backlight Stand (5003)
The 5003 Backlight stand extends to 3 feet, collapses to 20”, and is designed to allow mounting of one head on top and another to the foot. The center two telescoping sections can be removed making the stand then only 4” tall! A 4046 adapter is needed when mounting older 3/8” stud mount heads on this stand.
Item # NOLS3 .................... $56.50

5014 Light Stand (5014)
The 5014 light stand features all aluminum construction for durability and collapses to a length of 31 1/8”. This is considered a heavy duty light stand. It adjusts from 31 1/8 to 10’. The top section has a 5/8” stud for mounting flash equipment.
Item # NOLSHD10 .............. $76.50

5020 Light Stand (5020)
The 5020 light stand features all aluminum construction for durability and collapses to a length of 36”. This is considered an extra heavy duty stand. It adjusts from 36 1/2” to 11’. The top section has a 5/8” x 1 3/8” long for mounting flash equipment. A 4046 adapter is needed for mounting older Novatron heads.
Item # NOLS11 ................. $124.95

5008 Light Stand (5008)
The 5008 light stand features all aluminum construction for durability and collapses to a length of 24 1/2”. This is considered a light duty stand. It can easily be adjusted from 25” to 8’.
Item # NOLS8 .................... $46.95

5010 Light Stand (5010)
The 5010 light stand features all aluminum construction for durability and collapses to a length of 24”. This is considered a medium stand. It adjusts from 25” to 10’.
Item # NOLS10 ................ $52.95

5010HD Light Stand (5010HD)
The 5010HD light stand features all aluminum construction for durability, and collapses to a length of 27 1/2”. This is considered a heavy-duty stand. It can easily be adjusted from 28” to 9 5/16” by the means of five telescoping sections which are secured by wing screws. The top section has a 5/8” diameter stud for mounting of flash equipment. A 4046 adapter is needed when mounting older 3/8” stud mount Novatron heads on this stand.
Item # NOLSC10 ............... $76.50

UMBRELLAS

7032W Umbrella (7032W)
A 32” white reflective umbrella used in photography. This is the same umbrella packaged in the Novatron 240 Fun kits. It is 20" long and opens to a 32” diameter.
Item # NOU32W ............... $28.50

7045W Umbrella (7045W)
A 45” white reflective umbrella used in photography. This is the same umbrella packaged in the Novatron kits of 400, 500 and 600 w/s or kits packaged in the 63 series cases. It is 27 1/2” long and opens to a 45” diameter.
Item # NOU45W .............. $38.95

7450 Umbrella (7450)
The new 7450 multipurpose umbrella provides a new tool in the photographer’s bag of tricks. This semi-silvered umbrella comes with a removable black cover. The cover allows the photographer to better control the direction of light by blocking scattered light that would normally escape through the unit. The 7450 opens to a 45” diameter and is 29” long when closed. This is the same umbrella packaged in the 68-1000VR-3C and 68-1500VR-3C kits.
Item # NOU45S ........... $51.95
ACCESSORIES
NOVATRON
STROBE LIGHTING
MONOLIGHTS

EXTENSION CABLES

15’ (4.6m) Extension Cable (4015)
Used to lengthen the cord on a flashhead when needed. Use of this cord on a flashhead will decrease the f-stop by approximately 1/4 stop.
Item # NOEC15.................. 49.95

25’ (7.6m) Extension Cable (4025)
Same as above only 25’ (7.6m) in length and use of this cord will decrease the f-stop by approximately 1/3 stop.
Item # NOEC25.................. 53.95

‘Y’ Shaped Adapter Cable (4026)
Used to add an extra flashhead to a power pack. The power pack will perform as if it had an extra outlet on the pack.
Item # NOYC...................... 59.95

15’ (4.6m) Sync (MI001)
With a household plug on one end and PC connector on the other end. All Novatron equipment accepts the household plug.
Item # NOSC15.................. 19.95

6’7˝ (2m) AC Power Cord (MI002)
Used on all power packs except the 10-1000VR and 10-1500VR. The AC power cord is rated at 10A-125v.
Item # NOPC ....................... 8.95

6’7˝ (2m) Heavy Duty AC Power Cord (MI003)
Used on the 10-1000VR and 10-1500VR power packs. The heavy duty AC power cord is rated at 15A-125v.
Item # NOPCHD .................... 9.95

BRACKETS, ADAPTERS AND KNOBS

Mounting Bracket (4044)
The Novabrella bracket is used for adapting various equipment to light stands which is not supplied by Novatron. The mounting bracket has tilting capability and knobs for securing the bracket, and attaching an umbrella. This bracket has a 3/8˝ female hole for mounting to a stand and 1/4-20 UNC threaded stud x 3/8˝ for attaching equipment.
Item # NOBN ..................... 22.95

Standard Bracket (4045)
Used on all flashheads. Has the same features as the 4044.
Item # NOBLH ..................... 22.95

Female to Male Adapter (4046)
Used to mount older Novatron flash heads on the 5020 light stand. It is a 5/8˝ female to 3/8˝ male adapter with a knob to secure it to a light stand.
Item # NOAA5838.................. 9.95

Large Knob (MI007)
Used on all Novatron brackets. Has two points (wings).
Item # NOKBL ..................... 4.95

Female to Male Adapter (4047)
Used to mount Novatron flash equipment on light stands with a 1/4-20 UNC male thread. It is a 1/4-20 UNC female thread to 3/8˝ male adapter.
Item # NOA.252038 .............. 9.95

Female to Male Adapter (4052)
Used to mount equipment on the 5000 light stand. It is a 3/8˝ female to 1/4-20 UNC male thread. This adapter is supplied with a knob to secure it to a light stand.
Item # NOA38.2520 .............. 9.95

Adapter (4053)
Used to mount equipment on the 5020 light stands. It is a 5/8˝ female to 1/4-20 UNC male thread. This adapter is supplied with a knob to secure it to a light stand.
Item # NOA58.2520 .............. 9.95

Small Knob (MI006)
Used on all Novatron brackets. Has three points (wings).
Item # NOKBS ..................... 1.95
Once again providing the definitive source for superior speed-lighting equipment, Photogenic introduces the complete PowerLight brand PL2 Series of self-contained monolights that are ideal for digital or film-capture systems. The PL2 Series includes the PowerLight models; 1250, 300DR, 1250DR and the 2500DR. The new PowerLight series incorporates the most advanced electronic microprocessor control providing an expanded list of standard features to improve lighting control, setting repeatability, proportional modeling lights and more. These technological advancements have expanded the “DR” models optional control accessories to now include a hand-held infrared remote control and computer software for infrared studio lighting control. The digital PowerLight 2500DR is one of the most powerful and technologically advanced pieces of equipment in the professional lighting industry. The standard features are incredible and has a full 6 f-stop range from 1000 w/s to 32 w/s of power. The 1250 and the digital 1250DR, with a range of 500 w/s to 16 w/s and the digital 300DR, with a range of 125 w/s to 4 w/s, incorporate the same expanded range of standard operating features. The “DR” models feature a back panel with touch controls for both flash and modeling light, adjustable in 1/2 or 1/10 stop increments. The display is easy to read showing the power in watt seconds. LED’s indicate whether modeling is set on proportional, manual adjustment or full On modes. The PowerLights from Photogenic are built to fulfill the demanding operational needs of the professional photographer. Each in the series has new innovative features that allow photographers to have more power and more control of their lighting. All PL2 PowerLights are cUL listed.

### PL-2500DR
- **Flash Power:** 1000 Ws/Joules, fan cooled.
- **Recycling Time:** 0.8 to 3.0 seconds with power-ready LED indicator.
- **Flash Duration:** 1/770 second at full power.
- **Power Control:** 6 f-stops, full to 1/32 power in 1/2 or 1/10 increments.
- **Modeling Light Power:** 250 watt quartz, ESS.
- **Modeling Light Control:** Proportional mode, manual adjust mode, full on/off.
- **Triggering:** Built in photo slave, synchronization jack and test flash button.
- **Main Supply:** 105-125 VAC, 60 Hz.
- **Voltage Stabilization:** Plus/minus .05 f-stop Fuse protection.
- **Weight:** 7 lbs. (3.2kg)
- **Dimensions:** 4.5 x 4.5 x 8.75” (11.4x11.4x22.2cm).
- **Guide Number:** 515 with ISO 100.
- **BCPS:** 50,000.

### PL-1250DR
- **Flash Power:** 500 Ws/Joules, fan cooled.
- **Recycling Time:** 0.5 to 1.5 seconds at full power with ready LED indicator.
- **Flash Duration:** 1/1300 second at full power.
- **Power Control:** 6 f-stops, full to 1/32 power in 1/2 or 1/10 increments.
- **Modeling Light Power:** 250 watt quartz, ESS.
- **Modeling Light Control:** Proportional mode, manual adjust mode, full on/off.
- **Triggering:** Built in photo slave, synchronization jack and test flash button.
- **Main Supply:** 105-125 VAC, 60 Hz.
- **Voltage Stabilization:** Plus/minus .05 f-stop Fuse protection.
- **Weight:** 5 lbs. (2.5kg)
- **Dimensions:** 4.5 x 4.5 x 6.75” (11.4x11.4x17.1cm).
- **Guide Number:** 365 with ISO 100.
- **BCPS:** 25,000.

**www.bhphotovideo.com**
**Powerlight**

**PL-1250**

- **Flash Power:** 500 Ws/Joules fan cooled.
- **Recycling Time:** 0.5 to 1.5 seconds recharge with power-ready LED indicator.
- **Flash Duration:** 1/1300 second at full power.
- **Power Control:** Full to 1/32 range (6 f-stops), 0.1 f-stop resolution digital display.
- **Modeling Light Control:** Proportional mode, manual adjust mode, full on/off.
- **Triggering:** Built-in photo slave synchronization jack with 5 volt isolated push to test button.
- **Main Supply:** 105-125 VAC, 60 Hz, 15 Amp.
- **Voltage Regulation:** Plus or minus 1%.
- **Weight:** 4 lbs 8 oz. (2.0 kg).
- **Dimensions:** Housing: 4.5 x 4.5 x 6.75” (11.4 x 11.4 x 17.1 cm).
- **Guide #:** 118 with ISO 100.
- **BCPS:** 25,000.

**PL-300DR**

- **Flash Power:** 125 Ws/Joules fan cooled.
- **Recycling Time:** 0.5 to 1.5 seconds recharge.
- **Flash Duration:** 1/2600 second at full power.
- **Power Control:** Full to 1/32 range (6 f-stops), 0.1 f-stop resolution digital display.
- **Modeling Light Control:** Proportional mode, manual adjust mode, full on/off.
- **Triggering:** Built-in photo slave synchronization jack with 5 volt isolated push to test button.
- **Main Supply:** 105-125 VAC, 60 Hz, 15 Amp.
- **Voltage Regulation:** Plus or minus 1%.
- **Weight:** 4 lbs 8 oz. (2.0 kg).
- **Dimensions:** Housing: 4.5 x 4.5 x 6.75” (11.4 x 11.4 x 17.1 cm).
- **Guide #:** 118 with ISO 100.
- **BCPS:** 6250.

**NEW AND INNOVATIVE TECHNOLOGY**

Remote Digital Display and Infrared Receiver (PLDIR)

- Photogenic saves you steps and provides all the features you need with a number of new and exclusive add-ons for your 1250DR, 3000DR and 2500DR Powerlights.
- Adjustable remote digital display monitor for enhanced visibility and wireless control.
- Infrared receiver to control all functions of the 1250DR, 3000DR & 2500DR PowerLights.
- Infrared remote control feature allows changes to be transmitted to up to 9 PowerLights with individual settings, more if identical settings are used.
- Flash or model level adjustments, stand by, test. Proportional model, flash bracket control functions are controlled by the remote.
- Available for 1250DR, 3000DR and 2500DR PowerLights only. Must use Infrared Receiver for Remote.

Infrared Remote Controller (PLIRC1)

- Available for 1250DR, 3000DR and 2500DR PowerLights only. Must use Infrared Receiver for Remote.
- Item # PHRIRPL ..........109.95

Remote Digital Display & Infrared Receiver (PLDRC1)

- Item # PHRIRPL ..........94.95

Remote Digital Display and Flash Adjustment (PLDRC1)

- Enhances visibility of flash power setting.
- Enables you to change flash power setting from display unit rather than control panel.
- Available for 1250DR, 3000DR and 2500DR PowerLights only.
- Item # PHRDDFCPL ........99.95

Remote Digital Display (PLD01)

- Item # PHRDPL1250 .......69.00

Flash Tube Protector (PLFTP)

- Available for 1250 PowerLight only.
- Item # PHFTCPL ..........15.95

Wireless Studio System Controller Software (PLCSTR1)

- Imagine being able to control your set lighting from a computer screen? Photogenic turns fantasy into reality with their new, exclusive System Controller Software.
- Completely Wireless microprocessor control.
- Utilizes Infrared Transmitter hardware and IBM Computers/CD.
- On-screen control panel viewing adjustment.
- Specify PowerLight Settings for up to 9 units/unlimited pose files.
- Sets and transmits to all units - Flash Power, Modeling, Track Set.
- Unsurpassed control and repeatability options.
- Available for 1250DR, 3000DR and 2500DR PowerLights only. Must use with PLDIR-1 Infrared Receivers.
- Item # PHSCPL1250DR ..251.95

All Powerlights also available in frosted and soft frosted flash tube versions.

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008

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PHOTOGENIC
SOLAIR POWERLIGHTS

SO LAIR CON S TA N T-C O LO R PO WERLIGHTS
This new Solair technology provides constant color at all power levels with consistent flash power output all controlled by the latest in Microprocessor technologies. Earlier monolight construction was not able to control Kelvin degree shifts when changing output or power levels. Film capture systems are more forgiving to this color shift, but now with the popularity of highly sensitive Digital Capture formats, the true and balanced Kelvin temperatures within each photograph are vital. All Constant-Color PowerLights are shipped with UV corrected flash tubes. The “Voltage Smart” Powerlights are designed for the world traveling photographers. Remote Digital display or computer software for infrared controls are available separately.

SO LAIR 1000

SPECIFICATIONS
Flash Power: 1000W
Power Control: 8 f-stop range, 8 to 1000ws in 1/10 or 1/2 stop increments
Recycle: 0.8 to 3.0s
Modeling Light Control: Proportional
Fan Cooled: Yes
Built-In Photo Cell: Yes
Fuse Protection: Yes

SO LAIR 500

SPECIFICATIONS
Flash Power: 500W
Power Control: 8 f-stop range, 4 to 500ws in 1/10 or 1/2 stop increments
Recycle: 0.5 to 3.0s
Modeling Light Control: Proportional
Fan Cooled: Yes
Built-In Photo Cell: Yes
Fuse Protection: Yes

SMART SO LAIR 1000

SPECIFICATIONS
Flash Power: 1000W
Power Control: 8 f-stop range, 8 to 1000ws in 1/10 or 1/2 stop increments
Recycle: 0.8 to 3.0s
Modeling Light Control: Proportional
Fan Cooled: Yes
Built-In Photo Cell: Yes
Fuse Protection: Yes

SMART SO LAIR 500

SPECIFICATIONS
Flash Power: 500W
Power Control: 8 f-stop range, 4 to 500ws in 1/10 or 1/2 stop increments
Recycle: 0.5 to 3.0s
Modeling Light Control: Proportional
Fan Cooled: Yes
Built-In Photo Cell: Yes
Fuse Protection: Yes

B&H
For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
## QUICK-CHANGE REFLECTORS AND ACCESSORIES

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<th>Description</th>
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<td>PL3R</td>
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## BARNDOORS, DIFFUSERS AND GRIDS

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<td>4-Piece Snoot Kit 7&quot; (PL7SK)</td>
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<td>4-Leaf Barndoor Kit 7&quot; (PL7BD)</td>
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PHOTGENIC
UMBRELLAS/ SOFTBOXES

ECLIPSE UMBRELLAS

Photogenic's famous Eclipse patented umbrellas are notable for their ability to eliminate the “ghost” image created by the exposed ribs of ordinary umbrellas. Eclipse models feature white or silver reflective fabric which covers the ribs, removing them from the primary light path. Additionally, each Eclipse comes with a removable black fabric cover which fastens atop the rib frame to confine any light that penetrates the white or silver lining.

Installation:
Installing the umbrella is easy. Insert the shaft through an available hole on any of our stand adapters and tighten with a thumb screw. Adjust the light pattern by loosening the thumb screw and moving the shaft in or out, positioning the reflector closer or farther away from the light head.

ECLIPSE PLUS UMBRELLAS

Eclipse Plus Umbrella (ECP32) 32˝ Eclipse Plus removable black cover with reflective silver backing and internal white satin panel.
Item # PHUEP32S .................. 32.95

45˝ Eclipse Silver
with Black Cover (EC45S)
Item # PHUE45S .................. 18.95

45˝ Eclipse White
with Black Cover (EC45BC)
Item # PHUE45W .................. 18.95

60˝ Eclipse Silver
with Black Cover (EC60S)
Item # PHUE60S .................. 32.95

60˝ Eclipse White
with Black Cover (EC60BC)
Item # PHUE60W .................. 32.95

SOFTBOXES

Photogenic softboxes are designed to enable photographers to illuminate a subject evenly over a specified area. Different geometry softboxes are available to meet specific needs of photographers. Photogenic offers two square and two rectangular softboxes to choose from. In the rectangular variety there is the PL12X36FR. It is a 12 inch wide by 36 inch high softbox which can be rotated to fill many narrow beam lighting needs. There is also the 30 inch by 40 inch PL30X40FR. The two square styles are the PL22FR which is 22 inches and the PL36FR which is 36 inches square.

12x36˝ Soft Box with Quick Change Adapter (PL12X36FR)
Item # PHSB1236PL ............. 194.95

22x22˝ Soft Box with Quick Change Adapter (PL22FR)
Item # PHSB2222PL ............. 199.95

30x40˝ Soft Box with Quick Change Adapter (PL30X40FR)
Item # PHSB3040PL ............. 246.50

36x36˝ Soft Box with Quick Change Adapter (PL36FR)
Item # PHSB3636PL ............. 239.95
**PHOTOGENIC**

**CASES/ACCESSORIES**

**CASES**

These rugged carrying cases have been designed to handle a single or double PowerLight system, complete with cords and reflector. Each case includes a thick, polyurethane cushion in Photogenic's unique design.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<th>Item #: PHCHPL2500</th>
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<td>Double PowerLight</td>
<td>Aluminum Case</td>
<td>PL1250DC</td>
<td></td>
<td>PL2500DC</td>
<td></td>
</tr>
</tbody>
</table>

**FLASHTUBES AND MODELING LAMPS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Item #: PHFTPL375</th>
<th>Price: $99.95</th>
<th>Item #: PHFTPL750</th>
<th>Price: $99.95</th>
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</thead>
<tbody>
<tr>
<td>H4-9 Standard Flashtube</td>
<td>H49-UV</td>
<td></td>
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</tr>
<tr>
<td>H4-9F Frosted Flashtube</td>
<td>H49F</td>
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<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Item #: PHFTC415</th>
<th>Price: $79.95</th>
<th>Item #: PHFTC415C</th>
<th>Price: $93.50</th>
<th>Item #: PHFTC415D</th>
<th>Price: $99.95</th>
<th>Item #: PHFTC415F</th>
<th>Price: $134.95</th>
<th>Item #: PHFTCPL</th>
<th>Price: $15.95</th>
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</thead>
<tbody>
<tr>
<td>C4-19 Flashtube</td>
<td>C419</td>
<td>PL2500D/DR, Solar 1000, Smart Solar 1000.</td>
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<tr>
<td>C4-15C UV Coated</td>
<td>C415C</td>
<td>PL2500DR, Solar 500, Smart Solar 500.</td>
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<td>PL2500DR, Solar 1000, Smart Solar 1000.</td>
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<td>C4-19C UV Coated</td>
<td>C419C</td>
<td>PL2500D/DR, Solar 500, Smart Solar 500.</td>
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<tr>
<td>C4-16D UV Coated, Soft-Frosted Flashtube</td>
<td>C416D</td>
<td>Solar 500, Smart Solar 500.</td>
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<td>Solar 1000, Smart Solar 1000.</td>
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<tr>
<td>C4-19D UV Coated, Soft-Frosted Flashtube</td>
<td>C419D</td>
<td>Solar 500, Smart Solar 500.</td>
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<td>Solar 1000, Smart Solar 1000.</td>
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<tr>
<td>C4-15F Flashtube</td>
<td>C415F</td>
<td>PL1250/DR/LH/300DR, Solar 500, Smart Solar 500.</td>
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<td>PL2500DR, Solar 1000, Smart Solar 1000.</td>
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<tr>
<td>C4-19F Frosted Flashtube</td>
<td>C419F</td>
<td>PL2500DR, Solar 1000, Smart Solar 1000.</td>
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</tbody>
</table>

**LIGHTING Q&A**

After I’ve taken the picture, should the client come back to look at the slides or contact sheets? Who picks which pictures are to be printed?

The professional thing is to stick with your client to the end. I have always made it a practice to meet my clients several days later to go over the contacts with them, usually with a loupe or lighted magnifying glass. We mark the ones we like with a red grease pencil; they live with them a day or two, and put in their order for enlargements; and then we check out the enlargements to see if they need any retouching.

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50 PORTRAIT LIGHTING TECHNIQUES.
### “Voltage Smart” Kits

**PowerLight Kit** (PLX150K)
- Kit includes:
  - 2- 500W PowerLights (PLX500DRC)
  - 2- 13’ air cushioned stands (TAHS13)
  - 2- 45” Eclipse umbrellas (EC45BC)
  - 1- Soft case with wheels (PL03CS)
- Item # PH500VSK ........ 1918.50

**PowerLight Kit** (PLX250K)
- Kit includes:
  - 2- 1000W PowerLights (PLX1000DRC)
  - 2- 13’ air cushioned stands (TAHS13)
  - 2- 45” Eclipse umbrellas (EC45BC)
  - 1- Soft case with wheels (PL03CS)
- Item # PH1000VSK ...... 2139.95

**PowerLight Kit** (PLX350K)
- Kit includes:
  - 2- 1000W PowerLights (PLX1000DRC)
  - 1- 500W PowerLight (PLX500DRC)
  - 2- 13’ air cushioned stands (TAHS13)
  - 1- ‘3’ background stand (TALS3)
  - 1- ‘3’ reflector (PL3R)
  - 2- 45” Eclipse umbrellas (EC45BC)
  - 1- Soft case with wheels (PL03CS)
- Item # PH1000500VSK ..... 2879.95

### PowerLight HT Pro Fessional Studio Kits (PL2 Series)

#### Studio Kit (PL125K)
- Kit includes:
  - 2- PowerLights (PL1250)
  - 1- StudioMax Background Light (AK320)
  - 3” Reflector (PL3R)
  - 13’ air cushioned stands (TAHS13)
  - 3’ air cushioned background stand (TALS3)
  - 2- Eclipse umbrellas (EC32BC)
  - Case (PL03SC)
- Item # PH1250320K ..... 1488.95

#### Standard Studio Kit (PL225K)
- Kit includes:
  - 2- PowerLights (PL1250D)
  - 1- Background light (PL300D)
  - ‘3” reflector (PL3R)
  - 13’ air cushioned stands (TAHS13)
  - 3’ air cushioned background stand (TALS3)
  - 2- Eclipse umbrellas (EC32BC)
  - Case (PL03SC)
- Item # PH1250300K ..... 1898.95

#### Remote Standard Studio Kit (PL225RK)
- Kit includes:
  - 2- PowerLights (PL1250DR)
  - 1- Background light (PL300DR)
  - 1- Infrared controller
  - 1- Infrared receivers
  - 2- 13’ stands (TAHS13)
  - 1- ‘3” background stand (TALS3)
  - 1- ‘3” reflector (PL3R)
  - 2- 45” umbrellas (EC45BC)
  - Case (PL03SC)
- Item # PHR25SK .......... 2272.95

#### Studio Power Kit (PL325K)
- Kit includes:
  - 2- PowerLights (PL2500D)
  - 1- Background light (PL300D)
  - 1- Reflector (PL03R)
  - 2- 13” air cushioned stands (TAHS13)
  - 1- ‘3” background stand (TALS3)
  - 1- ‘3” background reflector (PL3R)
  - 2- Eclipse umbrellas (EC45BC)
  - Case (PL03SC)
- Item # PHSPK .......... 2224.95

#### PowerLight 1000 Travel Kit (PL10K)
- Kit includes:
  - 2- PowerLights (PL1250)
  - 2- 45” Eclipse umbrellas (EC45BC)
  - 1- 13” air cushioned stands (TAHS13)
  - Case (PL03SC)
- Item # PHPL1000TK .... 1207.95

#### PowerLight 2000 Travel Kit (PL20K)
- Kit includes:
  - 2- PowerLights (PL2500D)
  - 2- 45” Eclipse umbrellas (EC45BC)
  - 1- 13” air cushioned stands (TAHS13)
  - Case (PL03SC)
- Item # PHPL2000TK .... 1669.95

#### 3-Light 1320 Mobil Studio Kit (PL30K)
- Kit includes:
  - 2- PowerLights (PL1250)
  - 1- StudioMax Background light (AK320)
  - 2- 13” air cushioned stands (TAHS13)
  - 1- ‘3” background reflector (PL3R)
  - 1- 3” background reflector (PL3R)
  - 2- Eclipse umbrellas (EC45BC)
  - Case (PL03SC)
- Item # PHDMSK .......... 1615.95
The new photographic light stands from Photogenic marks a rare marriage of design quality and practicality, achieving superior stability and longer service life even under constant, rigorous use. Each stand is engineered for maintenance-free performance and is priced to keep the serious photographer's mind on his craft rather than on his pocketbook.

**LIGHTWEIGHT ALUMINUM AIR-CUSHIONED STANDS**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHLSHD8</td>
<td>8´ (2.4m) Folding Stand (TALS8)</td>
<td>64.95</td>
</tr>
<tr>
<td>PHLSHD10</td>
<td>10´ (3.0m) Folding Stand (TALS10)</td>
<td>81.95</td>
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</tbody>
</table>

**HEAVY DUTY ALUMINUM AIR-CUSHIONED STANDS**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>PHLS13AC</td>
<td>13´ (4.0m) Air-Cushioned Black Folding Stand (TAHS13)</td>
<td>89.95</td>
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</table>

**STANDARD & AIR-CUSHIONED CASTER-BASE STANDS**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHAE41FSK</td>
<td>2½´ (0.8m) Aluminum Upright with FB12 Base (TLU3K)</td>
<td>46.95</td>
</tr>
<tr>
<td>PHAE41FS</td>
<td>28¨ (71cm) Aluminum Upright for FB12 Base (TLU3)</td>
<td>34.95</td>
</tr>
<tr>
<td>PHFBAE41FS</td>
<td>Folding Base for TLU3 Aluminum Upright (FB12)</td>
<td>28.95</td>
</tr>
<tr>
<td>PHTA34S38</td>
<td>3½´ (1.1m) Backlight Stand (TA34S1)</td>
<td>144.95</td>
</tr>
<tr>
<td>PHTA34S3</td>
<td>3½´ (1.1m) Backlight Stand (TA34S2)</td>
<td>144.95</td>
</tr>
<tr>
<td>PHTA34S5</td>
<td>3½´ (1.1m) Backlight Stand (TA34S3)</td>
<td>144.95</td>
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</table>

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHLSHD8</td>
<td>8´ Folding Stand (TALS8)</td>
<td>36” (91cm)</td>
<td>2.6 lbs. (1.2kg)</td>
<td>—</td>
<td>8´ (2.4m)</td>
<td>—</td>
</tr>
<tr>
<td>PHLSHD10</td>
<td>10´ (3.0m) Folding Stand (TALS10)</td>
<td>39” (99cm)</td>
<td>2.12 lbs. (1.6kg)</td>
<td>—</td>
<td>10´ (3.0m)</td>
<td>—</td>
</tr>
<tr>
<td>PHLS13AC</td>
<td>13´ (4.0m) Air-Cushioned Black Folding Stand (TAHS13)</td>
<td>43” (109cm)</td>
<td>4.8 lbs. (2.2kg)</td>
<td>—</td>
<td>13´ (4.0m)</td>
<td>—</td>
</tr>
<tr>
<td>PHAE41FSK</td>
<td>2½´ (0.8m) Aluminum Upright with FB12 Base (TLU3K)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>PHTA34S38</td>
<td>3½´ (1.1m) Backlight Stand (TA34S1)</td>
<td>19” (48cm)</td>
<td>10 lbs. (4.5kg)</td>
<td>—</td>
<td>3´6” (1.1m)</td>
<td>—</td>
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<tr>
<td>PHTA34S3</td>
<td>3½´ (1.1m) Backlight Stand (TA34S2)</td>
<td>19” (48cm)</td>
<td>10 lbs. (4.5kg)</td>
<td>—</td>
<td>3´6” (1.1m)</td>
<td>—</td>
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<tr>
<td>PHTA34S5</td>
<td>3½´ (1.1m) Backlight Stand (TA34S3)</td>
<td>19” (48cm)</td>
<td>10 lbs. (4.5kg)</td>
<td>—</td>
<td>3´6” (1.1m)</td>
<td>—</td>
</tr>
</tbody>
</table>
Whether you are a student, hobbyist, or seasoned pro, take everything you need for worry free lighting on your next shoot when you pick up a Studio Max kit. These exciting new kits come equipped with two or three all-purpose, economy series monolights or strobes and a variety of useful accessories packed neatly and securely into a rugged 7” x 14” x 30” (18x35x76cm) soft carrying case. Ideal for lighting weddings, proms, pets, babies or any job where cumbersome equipment can cost you the right shot.

**Studio Max 200 2-Light Kit** (AK23001)
Kit Includes:
- (2) PG3001MLB Strobes
- (2) 8’ Aluminum folding stands (air cushioned)
- (2) 32˝ Eclipse Umbrellas
- (1) Carrying case
Item # PHSM200 ..........477.95

**Studio Max 300 2-Light Kit** (AK24001)
Kit Includes:
- (2) PG4001ML Monolights
- (2) 8’ Aluminum folding stands (air cushioned)
- (2) 32˝ Eclipse Umbrellas
- (1) Carrying case
Item # PHSM300 ..........557.95

**Studio Max 300PLUS 3-Light Kit** (AK34001)
Kit Includes:
- (3) PG4001ML Monolights
- (2) 8’ aluminum folding stands (air cushioned)
- (1) 6’ aluminum folding stand (air cushioned)
- (2) 32˝ Eclipse Umbrellas
- (1) 4-Leaf Barndoors set
- (1) Carrying Case
Item # PHSM300P ...........783.50

**PerforMax 2-Light Kit** (AK4001K)
Kit Includes:
- (2) AK4001 PerforMax AC/DC lights
- (2) TAL58 Stands
- (2) EC32DC Umbrellas
- (1) AK3419 Carrying Case.
Also all power and sync cords included.
Item # PH PM ACD CK ......698.50

Imagine a portable studio that goes anywhere...with no need for electrical outlets! And when you are back in the studio you can plug it in. AC or DC operation makes the PerforMax the most versatile piece of lighting equipment on the market today!

**PerforMax AC/DC**
- Versatile, portable lightweight and affordable
- Works AC/DC - no power cords to trip over in DC operation
- Best array of accessories for any AC/DC portable mono-light on the market
- 60° angle of coverage from built in reflector
- Works with a variety of batteries
- Power output: 150w/s at full power
- Recycles: 4-6 sec. at full power - faster with some batteries
- Model lamp: 40 W watt with separate on/off switch
- Weight: 2.5 lbs. (1.1kg)
- Dimensions: 8¼ x 4” (21x10cm)
- Flash tube: 5200K
- Power Selections: Full, half and quarter

**FEATURES**
- Versatile, portable lightweight and affordable
- 40-watt modeling light features separate on/off switch to view modeling effect when using multiple lights.
- Color-corrected flash tube (5200°K)
- Unique ratchet handles with friction grip and umbrella holder.
- Dimensions are 8-1/4˝ x 4”
- Weighs only 2.5 lbs.
- GN is 150 using ASA 100
- Generates 150WS, 150 Joules
- At full power, the light will recycle in 4-6 seconds.
- Control panel on the back includes an on/off switch for the built-in photo slave; power selector switch with positions for full, 1/2 and 1/4; test button; ready light; sync cord; and external fuse.

**PHOTOGENIC**

**PHOTOGENIC STROBE LIGHTING**

**MONOLIGHTS**

**PG4001ML**
Item # PH PG4001ML ......183.95

**PG3001MLB**
Item # PH PG3001MLB ......119.95

**PERFORMAX**

**PERFORMAX AC/DC**

**PerforMax AC/DC (AK4001MLC)**
Item # PHAK4001MLC ...274.95

**PHOTOGENIC Monolights**

**STUDIO MAX**

**StudioMax 200 2-Light Kit (AK23001)**
Kit Includes:
- (2) PG3001MLB Strobes
- (2) 8’ Aluminum folding stands (air cushioned)
- (2) 32˝ Eclipse Umbrellas
- (1) Carrying case
Item # PHSM200 ...........477.95

**Studio Max 300 2-Light Kit (AK24001)**
Kit Includes:
- (2) PG4001ML Monolights
- (2) 8’ Aluminum folding stands (air cushioned)
- (2) 32˝ Eclipse Umbrellas
- (1) Carrying case
Item # PHSM300 ..........557.95

**Studio Max 300PLUS 3-Light Kit (AK34001)**
Kit Includes:
- (3) PG4001ML Monolights
- (2) 8’ aluminum folding stands (air cushioned)
- (1) 6’ aluminum folding stand (air cushioned)
- (2) 32˝ Eclipse Umbrellas
- (1) 4-Leaf Barndoors set
- (1) Carrying Case
Item # PHSM300P ...........783.50

**PerforMax 2-Light Kit (AK4001K)**
Kit Includes:
- (2) AK4001 PerforMax AC/DC lights
- (2) TAL58 Stands
- (2) EC32DC Umbrellas
- (1) AK3419 Carrying Case.
Also all power and sync cords included.
Item # PH PM ACD CK ......698.50
PHOTOGENIC
STUDIO MAX II / KITS

STUDIO MAX II

The New StudioMax II is a light weight microprocessor controlled electronic flash that operates on either AC or DC current. The StudioMax II series offers a wide range of standard features that includes infinite power settings over a full five f-stop operational range. The StudioMax II accepts over 100 PowerLight “Quick Change” accessories that includes reflectors, barndoors, grids, snoots, scrims, diffusers, gel kits and more. The StudioMax II is the most versatile must-have piece of lighting equipment on the market today.

FEATURES

- Over 100 Photogenic “Quick Change” accessories
- 320 series weighs only 2.7 pounds; 160 series weighs 2.4 pounds
- User replaceable flash tube and modeling lamp
- 40 watt modeling lamp • Built in photo slave and test button
- Infinite power settings over a full five f-stop range
- Recycle .4 to 3 sec. at full power • Flash duration 1/4300 to 1/125

SPECIFICATIONS

Flash Power: 160ws
Power Source: AC/DC
Power Control: Infinite power adjustment, 5 full f-stops, 5ws to 160ws
Recycle Time: .4 to 3 seconds recharge
Triggering/ Sync Modes: 3.5mm jack, built in photocell
Weight: Only 2.4 pounds

160ws

Studiomax II Pro 160ws AC (AK160)
Item # PH SM 2P1600 .......174.95
Studiomax II Pro 160ws AC/DC (AK160B)
Item # PH SM 2P1600Q .......228.50

Studio Max 12V Battery (AKB1)
Powers the AK160B for over 320 flashes and the AK320 for over 160 flashes on a full charge. Includes: Battery, charging cable and case.
Item # PH BSM ..................................... 164.95

320ws

Studiomax II Pro 320ws AC (AK320)
Item # PH SM 2P3200 .......228.95
Studiomax II Pro 320ws AC/DC (AK320B)
Item # PH SM 2P3200D C .......289.95

SPECIFICATIONS

Flash Power: 320ws
Power Source: AC/DC
Power Control: Infinite power adjustment, 5 full f-stops, 10ws to 320ws
Recycle Time: .4 to 3 seconds recharge
Triggering/ Sync Modes: 3.5mm jack, built in photocell
Weight: Only 2.7 pounds

STUDIO MAX II KITS

Studiomax II Pro 160ws w/ Umbrella
Consists of:
(1) Studio Max II Pro 160ws
(1) 32” Eclipse White Umbrella w/ Black cover
Item # PH SM 2P1600K ......174.95

Studiomax II Pro 320ws Kit (AK320K)
Consists of:
(2) Studio Max II Pro 160ws
(2) 32” Eclipse White Umbrella w/ Black cover
(2) 8” Air Cushioned Stands
(1) Light Kit Bag
Item # PH SM 2P320K ......479.95

Studiomax II Pro 320ws AC/DC Kit (AK320BK)
Consists of:
(2) AK160B Lights
(2) 32” Eclipse White Umbrella w/ Black cover
(2) 8” Air Cushioned Stands
(1) Cordura Travel Case
Item # PH SM 2P320DC CK 586.95

Studiomax II Pro 320ws w/ Umbrella
Consists of:
(1) Studio Max II Pro 320ws
(1) 32” Eclipse White Umbrella w/ Black cover
Item # PH SM 2P320KQ .......228.95

Studiomax II Pro 320ws AC/DC with Umbrella
Consists of:
(1) AK320B Light
(1) 32” Eclipse White Umbrella w/ Black cover
Item # PH SM 2P320D CQ .298.95

Studiomax II Pro 640ws Kit (AK640K)
Consists of:
(2) Studio Max II Pro 320ws
(2) 32” Eclipse White Umbrella w/ Black cover
(2) 8” Air Cushioned Stands
(1) Quick Change Reflector (Shallow Satin)
(1) Light Kit Bag
Item # PH SM 2P640K ......798.95

Studiomax II Pro 640ws AC/DC Kit (AK640BK)
Consists of:
(2) AK320B Lights
(2) 32” Eclipse White Umbrella w/ Black cover,
(1) PL3R Reflector
(2) 8” Air Cushioned Stands
(1) Quick Change Reflector (Shallow Satin)
(1) Cordura Travel Case
Item # PH SM 2P640DCK .998.95

Studiomax II Pro 800ws Kit (AK800K)
Consists of:
(2) AK320B Lights
(1) AK160 Light
(1) Quick Change Reflector (Shallow Satin)
(1) Cordura Travel Case
Item # PH SM 2P800K ......759.95

BATTERY WIRELESS STUDIO KIT

Battery Wireless Studio Kit (AC/DC) (AK700BK)
Consists of:
(2) Lights (AK320B)
(2) Batteries (AKB-1)
(2) Umbrellas (UW32)
(2) Stands (TALS8)
(1) Travel case (AK04PC)
Item # PH SM 2P700D CKD ....164.95

Studiomax II Pro 480ws Kit
Consists of:
(3) Studio Max II Pro 160ws
(2) 32” Eclipse White Umbrella w/ Black cover
(2) 8” Air Cushioned Stands
(1) Quick Change Reflector (Shallow Satin)
(1) Light Kit Bag
Item # PH SM 2P480K ......689.95

Studiomax II Pro 960ws Kit (AK960K)
Consists of:
(3) Studio Max II Pro 320ws
(2) 32” Eclipse White Umbrella w/ Black cover
(2) 8” Air Cushioned Stands
(1) Quick Change Reflector (Shallow Satin)
(1) Light Kit Bag
Item # PH SM 2P960K ......798.95

Studiomax II Pro 480ws AC/DC Kit (AK960BK)
Consists of:
(3) AK320B Lights
(2) 32” Eclipse White Umbrella w/ Black cover,
(2) 8” Air Cushioned Stands
(1) Quick Change Reflector (Shallow Satin)
(1) Cordura Travel Case
Item # PH SM 2P960DCK .998.95

Studiomax II Pro 960ws AC/DC Kit (AK960BK)
Consists of:
(3) AK320B Lights
(2) 32” Eclipse White Umbrella w/ Black cover,
(1) PL3R Reflector
(2) 8” Air Cushioned Stands
(1) Quick Change Reflector (Shallow Satin)
(1) Cordura Travel Case
Item # PH SM 2P960DCD .998.95
Grid with Gel Holder (PG51GF) (Fine Grid) The built-in grid is finer than the grid in the PG51GC and will act to concentrate the light.
Item # PH 6 FSM PG4001 ... 48.50

Gel Holder (PG51G)
A metal holder that fastens to the front of your strobe and allows you to easily place and remove gels from your light.
Item # PH GH SM PG4001 ... 29.95

Plug-In Slave (PGPS)
Fits PG3001ML and PG3000C/PG2800C. The model PGPS plugs into AC Studio Strobe when the light’s built-in slave is obstructed. Does not work on PG4001ML.
Item # MEPGPS ............... 11.95

Wide Angle Adapter (PGWA28)
A translucent white plastic attachment which slips over the light’s front.
Item # MEPGWA28 .......... 7.50

Softboxes
Our softboxes will produce a broad source of even and diffused light that is ideal for studio production. The soft boxes are light and the collapsible design makes them great for on location work. The inside panels are coated silver for maximum light efficiency.

24” x 24” (61x61cm)
Softbox (PGSBL)
Item # PH SB2424SM Q ....... 76.50

10” x 24” (25x61cm)
Softbox (PGSBS)
Item # PH SB1024SM ......... 58.50

Snoot (PGC28)
The funnel snoot will restrict the light from your pro strobe to a concentrated beam, allowing the photographer to highlight, rim light or add halos without spilling light into other areas of the pictures.
Item # PHSSM ............... 29.95

Barndoor (PG51BD)
Add-on barndoors fit PG51GH, PG51GC, PG51GF only. Set of 4 doors attach separately to front of holder with screws provided.
Item # PH BD AO SM 4001 .. 39.95

Barndoor (PG28BD)
The Barndoor is used to shape the beam of light and to shield the camera from direct light. The leaves will move independently and the whole barndoor can be rotated on the front of your light.
Item # PH BD SM 4001 .. 17.95

Slip-In Diffuser (PG55)
The PG55 Diffuser will slip into the PG51GC, PG51GF and PG51GH gel holders. The benefit of a diffuser is to soften your light if it is too harsh.
Item # PH D SM .............. 12.95

Color Filter Set (PGCF28)
The color filters will slip over the front of the PG4001ML/4000D, PG3001ML/3000C/2800C for a special lighting effect. Set includes one each red, green, blue and orange filter.
Item # PH PGCF28 ............. 13.95

Grid with Gel Holder (PG51GC) (Course Grid) A metal holder that fastens to the front of your strobe and allows you to easily place and remove gels from your light. The built-in grid will give you a more concentrated and direct beam of light.
Item # PH GC SM ............. 51.95

Slave Trigger (PG750)
The PG750 is a small, 1-1/8”, universal slave trigger that converts any conventional non-slaved flash to remote operation by plugging into a standard PC cord. It has a suction cup base for easy attachment; can also be used like the PGPS plug-in slave by attaching it to the PC cords of PG3001ML and PG4001ML strobes.
Item # PH SS SM PG4001 .... 21.95

Gel Kit (PG51)
Gel Colors: Fire red, kelly green, lavender, medium red, cobalt blue, medium amber and gray. 6” x 6” gels.
Item # PH FSSM Q ............ 19.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
COMPACT 300

Excellent for portrait light or used as additional light in a variety of set-ups. Most economical unit, capable of full to 1/4 power.

COMPACT PLUS 600

Ideal for portraits in minimum space, where generator and head cables can be obtrusive. Capable of being set from full to 1/16 power.

For the pro or photo enthusiast, Profoto ComPact units offer the simplest and most economical way to get the best quality of light with the Profoto modular system of light shaping tools. The ComPact makes fine control of individual lights easy. As a main light they are usually used with a softbox or other diffusion-type light shaping tools, such as the Profoto Softlight Reflector, often near full power. At lower settings, they can be placed close to the subject, to provide character lighting in portrait photography.

Compact units have generator and fan cooled flashhead built into one “compact” unit, sometimes referred to as a “monobloc”. They share the same quality of light as all other Profoto flashheads, and accept the same complete system of Profoto light shaping tools. Profoto ComPact units provide very high light output, fast recycling, and short flash duration for their size. Efficient fan cooled design assures continuous heavy-duty performance where other self-contained units fail.

On location or in the studio, they are perfect for instant set-up and fast break-down. They are the ideal choice when the situation calls for the minimum amount of fuss and cables, such as with corporate portraits or industrial locations. With their lightweight, small dimensions, and multi-voltage capability, one or several can be easily packed for travel. Profoto ComPact units are also perfect to supplement generator set-ups in the studio or on the road.

A removable Voltage Key Card allows instant adjustment of the line voltage anywhere in the world. Just switch power cables and modeling lamps. Both 300w/s and 600w/s Compacts can be selected in a “special” version with 150w halogen modeling lamp and frosted glass cover; or economical version with tungsten modeling lamp.

COMPACT 300

- Total Power: 300ws
- Recycle Speed:
  - 117V: 0.2-8
  - 100V: 3-1.3
  - 240V: .25-.8
- Control:
  - f/Stop Range: 3 Stops
  - Ws Range: 300-75
- Flash Duration: Maximum: 1/850
- Weight: 4.8 lbs. (2.2kg)
- Dimensions: 11 x 4.75 x 6.75” (29x12x17cm)

COMPACT PLUS 600

- Total Power: 600ws
- Recycle Speed:
  - 117V: .2-.8
  - 100V: .3-1.3
  - 240V: .25-.8
- Control:
  - f/Stop Range: 5 Stops
  - Ws Range: 600-37.5
- Flash Duration: Maximum: 1/850
- Weight: 5.7 lbs. (2.6kg)
- Dimensions: 14 x 4.75 x 6.75” (35x12x17cm)
COMPACT PLUS 1200

Maximum power from a self contained unit. Fan cooled integrated flash. Includes: 500w halogen modeling lamp, UV-coated, removable, frosted glass cover, quartz flashtube, transport cap (plastic), stand adapter and 16' (5m) power cable. Sync cord and reflector not included.

FEATURES
- Fan cooled integrated generator / lamp head assembly
- Accepts all Profoto light shapers
- Multi-voltage capability with PC board for voltages from 90 to 130V (60Hz) and 180-260V, 50Hz
- Proportional modeling light
- Variable output adjustment with the bracketing dial
- Interchangeable glass covers to warm/cold and soften/sharpen the light
- Switchable acoustic signal “beeps” when fully recycled
- Built-in photocell slave sync
- 5/8” Stand Adapter with quick clamp
- Mini-can socket

SPECIFICATIONS
- Total Power: 1200ws
- Recycling Speed: 117V: 0.3-1.8 100V: 45-3.4 240V: 4-2.2
- Flash Duration: M: 1/500
- Control: f/Stop Range: 5 Stops Ws Range: 1200-75
- Weight: 8.2 lbs. (3.6kg)
- Dimensions: 19.5x4.75x6.75” (49.5x12x17cm)

COMPACT PLUS 1200

Compact Plus 1200 (502205) Item # PRCP1200 ........ 1549.00

COMPACT PRO VALUE PACKS

CPS 300W/CPPS 600W Pro Value Pack (502241)
Kit includes:
(1) Compact Special 300 head
(1) Compact Special 600 head with power cords
(2) Zoom reflectors and sync cords.
Item # PRCP5CPPSK .... 1588.95

ComPact ProValue Pack with Case (502240)
Kit includes:
(1) Compact Special 300
(1) Compact Special 600 with power cords
(2) Zoom reflectors and 16" sync cord
(1) Tenba air case and sync cords
Item # PRCP2K ........ 1879.95

ComPact 600 ProValue Pack (502246)
Kit includes:
(2) Compact Plus 600 Special with power cords,
(2) Zoom reflectors and 16" sync cord.
Item # PRCPP2K ........ 1969.95

ComPact 600 ProValue Pack with Case (502247)
Kit includes:
(2) Compact Plus 600 Special with power cords,
(2) Zoom reflectors and 16" sync cord
(1) Profoto Tenba air case
Item # PRCP2KQ ...... 2198.95

CPS 300W Pro Value Pack (502242)
Kit includes:
(2) Compact Special 300 heads
(2) Zoom reflectors and sync cords.
Item # PRCP52K .......... 1279.95

CPS 300W Pro Value Pack with Case (502243)
Kit includes:
(2) Compact Special 300 heads
(2) Zoom reflectors
(1) Tenba air case and sync cords.
Item # PRCP52KQ ....... 1474.95

For highly concentrated and directional light. Profoto spotlights are meant to simulate direct sunlight. Accepts all Acute, ABS, AB, PAB, Twin Lampheads, Pro Heads and all ComPact units. Spotlights provide focused light, but of different character and form.

SPOTLIGHTS

Pro Fresnel Softlight (506701)
It has a large front lens to supply a great lighting effect, and the light is focused by pushing the lamp forward or backward. It is similar to those used in theatrical and movie lighting. For highly focused light at short or long distances.
Item # PRSLPF ................................................. 1224.95

4-Sided Barndoors (506711)
for Pro Fresnel.
Item # PRBDPFSL ........................................... 283.95

Pro Focus (506703)
The Pro Focus has a lens that can project a slide with clarity of definition. This spotlight is supplied with four shutter blades which allow the light to be projected as squares, triangles, narrow strips, etc. The pattern holder and six different pin-spots are included. This spotlight will also accept the iris diaphragm for stepless adjustment of a round point of light. The Pro Focus can be supplemented by a holder for slides, a heat absorbing filter is then required.
Item # PRSLPFQ .................................................. 2972.00

Slide Holder 23x36mm (506721)
Item # PRSH35SL ............. 126.50
Heat Absorbing Filter (506723)
for Slide Holders.
Item # PRHAFSL ............. 379.50
Iris Diaphragm (506724)
for Pro Zoom and Pro Focus.
Item # PRDSL ..................... 254.95
Pin Spot Set (506725)
for Pro Zoom and Pro Focus.
Item # PRPSSSL ............. 74.95
**SPECIAL DIFFUSERS**

Pro Globe

The Pro Globe gives a surrounding light, similar to a bare bulb effect or, if mounted up, like a street lamp source. It can also be used as background lighting or placed underneath a photography table. Cinematographers call this a “Chinese Lantern”. Its soft, bare bulb effect is perfect for quick location lighting. When used in combination with a softbox mounted around it, the Pro Globe creates very even light with soft shadows. The Pro Globe comes either with mountings to attach softboxes, or with lock springs to custom mount on softbox speed ring mounts.

**Pro Globe Only** (505509)
Item # PRRGZ .................. 212.50

**Pro Globe w/Mounting Ring** (505508)
Item # PRPGQ ................. 434.95

Pro Box

The Pro Box is primarily meant to provide even, shadowless lighting for small objects. Because its lighting is even all the way out to the edge, several boxes can be grouped together to achieve a larger lighting area. The Pro Box includes a 12” (31cm) table stand with rubber collar and clamp.

The Pro Box with Table Stand (505510)
Item # PRPTS ................. 548.95

Replacement Table Stand (505561)
Item # PRTSPB ............... 18.95

**SOFTLIGHT REFLECTORS**

The silver-colored Softlight Reflector gives focused light, while at the same time providing soft shadow definition, thanks to its large reflecting area. It is especially suitable for lighting materials or subjects in which the structure should be emphasized.

The white Softlight Reflector also known as “The Beauty Dish” gives a soft, yet easily focused light. Meant to provide character lighting in portrait photography, the Softlight is superb for a wide variety of uses from product photography of highly reflective surfaces to an excellent light source for architectural or botanical details. Also, it is a distinctive alternative to ordinary softbox diffusion. Character lighting refers to a source of light that is placed close to the subject.

For both Softlight Reflectors, the center disc that blocks out the direct light can be replaced by a semi-opaque opal glass disc to create a center hot spot which also eliminates a donut-hole effect in specular highlights. Each reflector can be supplemented by a honeycomb grid to create soft, toned-down edge-lighting. The Softlight Grid accessory yields 10° coverage with silver, and 25° with the white for more directed light.

**REFLECTORS**

Zoom Reflector (505503)
The versatile Zoom Reflector is supplied with the Pro-7 head, the Acute2 head and is available separately. By pushing the reflector forward or backward the spread and effect of the light can be greatly altered. Along with its zoom feature, it accepts a variety of accessories including grid & filterholder, barndoors, snoot, and 5, 10, 20° grids for a wide range of light shaping possibilities. Has 65-110° area of coverage.

Item # PRRZ .................. 99.50

Magnum Reflector (505504)
Used for maximum output with a normal beam spread. The Magnum reflector provides strong, smooth light. Although this is not a true focusing reflector, zooming it across the focal point does create interesting lighting effects. To achieve precise control over direction of the light, the Magnum can be supplemented by the ProTube and a honeycomb grid. Has a 50° area of coverage.

Item # PRRM ...... 194.50

Grid Reflector 7˝ (505502)
Allows use of other brand 7˝ grids and accessories on Profoto heads.

Item # PRRG ................. 99.50

Disc Reflector (505501)
The Disc Reflector is designed for use with an umbrella. It keeps the light from spilling off the edges of the umbrella. Its compact design allows the lamphead to be easily packed for carrying. It can be supplemented by a barndoor and a snoot. The Disc gives a low lighting effect as direct light without umbrellas.

Item # PRRD ............... 62.50

Narrow Beam Reflector (505505)
The Narrow Beam Reflector (light-spread 32°), gives the greatest output of all the Profoto reflectors. To achieve precise control over the direction of light, the reflector can be extended by the ProTube and equipped with a honeycomb grid.

Item # PRRNB .......... 204.95

**SOFTLIGHT REFLECTORS**

Softlight Reflector Silver (505506)
Gives a center-weighted beam. Its large 19.7˝ (500mm) diameter gives soft shadow definition. Its finish is efficient and highly specular.

Item # PRRLS ................. 224.95

Replacement Glass Kit (505542)
Incl. Frosted Glass Disc & Parts.
Item # PRGKSLR .............. 99.95

Softlight Reflector White (505507)
Designed to give a wide, uniform and softlight as well as shadow definition. The gradual fall-off makes it perfect for close-up beauty photography.

Item # PRRLW ................. 224.95

Semi-opaque Glass Disc (505543)
for center of Softlight Reflector.
Item # PRGSLRQ .......... 69.95
FOR NARROW BEAM & MAGNUM REFLECTORS

10° Honeycomb Grid (505531)
Item # PRGRM ................. 163.50

Pro Tube (505532)
The Pro Tube accessory extends the Magnum and the Narrow beam reflectors for tighter, hotter light pattern. It can be supplemented by a grid.
Item # PRPTMR .................. 332.50

FOR ZOOM REFLECTOR

4-Way Barndoor with Grid Holder (505521)
The four-sided barndoor mounts directly onto the Zoom reflector. It features springs for mounting filters and/or honeycomb grids. It blocks undesired light from the subject or the camera lens. Mounted on the reflector, it has a minimal effect on the lighting design.
Item # PRBDR ................. 159.95

Filter Holder (505522)
The Filterholder mounts directly onto the Zoom reflector. A gelatin filter 16” x 16” (40x40cm) can be mounted.
Item # PRFH ................... 92.95

Snoot (505529)
The snoot, which is mounted into the grid-holder and locked in place by the filterholder, provides concentrated light at a specific point.
Item # PRSZ ................. 114.95

Grid & Filter Holder (505523)
The Grid and Filterholder is the most versatile accessory for the Zoom reflector. Filters can be mounted between the light source and the accessory. There is an air space between the filter and the reflector which prevents the filter from getting burned. Besides a filter-cassette, there is a diffusion filter included. It is a little known fact that grids are more efficient if a diffusion filter is mounted behind them (between the light source and the grid).
Item # PRGFHK ............. 148.50

FOR SOFTLIGHT REFLECTOR

25° Grid (505541)
For Softlight Reflector.
Item # PRGSL ................. 217.50

FOR ALL REFLECTORS

Adapter Plate (505551)
For all Reflectors.
Item # PAPR ................. 103.50

Silver Umbrella (505605)
The silver umbrella provides focused lighting, along with soft shadow definition. It is especially suitable for bringing out structural details in materials. The silver umbrella is offered in the 42” (1.05m) size only.
Item # PRU41S ................. 163.95

Transparent Umbrellas
The transparent umbrella provides diffused lighting around a bright core. The lighting can be varied by changing its distance to the lamp head. Transparent umbrellas are available in 34” (0.85m) and 42” (1.05m) diam.
Small Transparent Umbrella (505603)
Item # PRU33 ................. 74.50

Large Transparent Umbrella (505604)
Item # PRU41 ................. 86.50

White Umbrellas
Profoto umbrellas are constructed of high quality material, and give exceptional quality of light. The white umbrella gives an even diffused lighting effect with soft shadow definition. The closer to the subject the umbrella is placed, the softer the shadow will be. White umbrellas are available in 34” (0.85m) and 42” (1.05m) diameters.
Small White Umbrella (505601)
Item # PRU33W ................. 86.50

Large White Umbrella (505602)
Item # PRU41W ................. 94.95

FOR DISK REFLECTOR

Silver Umbrella (505605)
The silver umbrella provides focused lighting, along with soft shadow definition. It is especially suitable for bringing out structural details in materials. The silver umbrella is offered in the 42” (1.05m) size only.
Item # PRU41S ................. 163.95

Transparent Umbrellas
The transparent umbrella provides diffused lighting around a bright core. The lighting can be varied by changing its distance to the lamp head. Transparent umbrellas are available in 34” (0.85m) and 42” (1.05m) diam.
Small Transparent Umbrella (505603)
Item # PRU33 ................. 74.50

Large Transparent Umbrella (505604)
Item # PRU41 ................. 86.50

White Umbrellas
Profoto umbrellas are constructed of high quality material, and give exceptional quality of light. The white umbrella gives an even diffused lighting effect with soft shadow definition. The closer to the subject the umbrella is placed, the softer the shadow will be. White umbrellas are available in 34” (0.85m) and 42” (1.05m) diameters.
Small White Umbrella (505601)
Item # PRU33W ................. 86.50

Large White Umbrella (505602)
Item # PRU41W ................. 94.95
### 5’ AND 7’ REFLECTORS

**5’ and 7’ Reflectors**

Profoto’s 5’ and 7’ reflectors are two large umbrella-like reflectors. They reproduce a unique hard light, but since the light source is large the light appears soft with a unique brilliance. Having two focusing positions, the spot position gives a directed parallel light from a large light source. This position gives a hard light with a unique wrapping quality that also could be perceived as a soft light with a distinct crisp appearance. In the wide position, the reflector gives a 100° angle that makes it possible to light a very large area evenly. The 5’ and 7’ reflectors are very easy to set-up and dismantle quickly. Multiple diffusers can be used for additional control. Supplied with deluxe travel bag.

- **5’ Reflector** (505410)
  - Item # PRRU5 ............... 946.95
- **7’ Reflector** (505411)
  - Item # PRRU7 ............... 1127.95

### 8’ REFLECTOR

For three decades top photographers have appreciated the quality of light produced by Profoto’s flash heads. The unique focusable zoom reflector system makes it possible for the creative photographer to “paint” with light. Profoto has introduced the latest addition to the ever expanding line of light shaping tools: the Profoto 8’ Reflector. The giant silver-lined parabolic reflector gives a very unique hard light, but since the light source is so large the light appears soft with a distinct brilliance which brings out structural details in materials. With a diameter of 9.1’ (2.8m), the Profoto 8’ Reflector has an illuminated area 50% larger than the 7’ Reflector and 200% larger than the 5’ reflector. The reflector can be used with all Profoto Heads, including HMI and Tungsten, and is collapsible for easy transportation. The Profoto 8’ Reflector is supplied complete with mounting hardware and carrying case.

- **Profoto 8’ Reflector** (505409)
  - Item # PRRU8 ............... 1758.95
- **Diffuser for 8’ Reflector** (505416)
  - Item # PRD8 ............... 129.95

### CABLES

- **16’ (5m) US Power Cable** (504311)
  - Item # PRPCA ............... 74.95
- **16’ (5m) US Power Cable** (504311)
  - Item # PRPC ............... 93.95
- **16’ (5m) Extension Cable** (504315)
  - Item # PREX ............... 74.95
- **16’ (5m) Euro Power Cable** (504315)
  - Item # PRPEC ............... 74.95
- **16’ (5m) Japan 100v Power Cable for Acute** (504316)
  - Item # PRPAC ............... 84.50
- **16’ (5m) Japan 100v Power Cable for Compact** (504316)
  - Item # PRPPC ............... 84.50
- **16’ (5m) Japan 100v Power Cable for Pro-6** (701292)
  - Item # PRPPCPJ ............... 93.95
- **16’ (5m) Japan 200v Power Cable for Pro-6** (701293)
  - Item # PRPPCP6J ............... 103.50
- **16’ (5m) Japan 200v Power Cable for Acute** (504317)
  - Item # PRPACJ ............... 93.95

### SOFTBOXES

Profoto has introduced a new line of professional softboxes. These lightshapers offer the photographer perfectly even illumination from the edges to the center, combined with a narrower profile. Profoto softboxes offer a removable internal diffuser that offers additional versatility. With the internal diffuser attached, the light is even; when removed, the illumination is focused in the center of the box with a gradation out to the ends. Also featured as part of the new design, is a recessed front diffuser that can be removed to increase the contrast and produce a center-weighted spot effect. The units also have a velcro strip to hold accessories, such as barn doors and louvres.

- **2’ x 2’ Recessed Front Softbox** (505701)
  - Item # PRSB22 ............... 228.95
- **2’ x 3’ Recessed Front Softbox** (505702)
  - Item # PRSB23 ............... 263.95
- **3’ x 4’ Recessed Front Softbox** (505703)
  - Item # PRSB34 ............... 304.95
- **1’ x 4’ Strip Recessed Front Softbox** (505704)
  - Item # PRSB14 ............... 317.95
- **3’ Octa Bank Recessed Front Softbox** (505705)
  - Item # PROB3 ............... 423.50
- **5’ Octa Bank Recessed Front Softbox** (505706)
  - Item # PROB5 ............... 529.95

### Cables

- **16’ (5m) Synchro Cable** (504301)
  - Item # PRSC16 ............... 43.95
- **16’ (5m) Synchro Extension Cable** (504302)
  - Item # PRSEC16 ............... 43.95
- **16’ (5m) Synchro Interconnecting Cable** (504303)
  - Used when “daisy-chaining” or wiring together packs because it is opto-isolated, preventing the dangerous build-up of current in the synchro-circuit.
  - Item # PRSIC16 ............... 149.95
- **Double Synchro Inlet** (504304)
  - For connecting 2 simultaneous cords.
  - Item # PRDSI ............... 28.95

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**ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008**

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STANDS AND ADAPTERS

Compact Stand (3 Sections) (505611) Item # PRLSC ..........74.95
Maxi Stand (4 Sections) (505612) Item # PRLSM ..........87.50
Minipro Stand (4 Sections) (505613) Item # PRLSMP ..........79.95
Stand Adapter 3/4" 4-Edged (04321) Item # PRLSA38 ..........24.95

LOCATI0N POWER DEVICE

Pro Gas (504314) Pro Gas must be used when powering Acute or ComPact with a 230V gasoline generator. Not required with 117V generators. Item # PRPG ..........449.95

GLASS DOME COVERS

Clear Glass Cover (504331) for the Acute-AB Head/Acute-Twin PBT/Compact/PB Head/PD575/Pro Tungsten. Item # PRGCCAAB ..........149.95
Clear Glass UV Cover (504332) for Acute-AB/Acute Twin PBT/Compact/PB Head/PD575/Pro Tungsten. Item # PRGCCUVPB ..........129.95
Frosted Glass Cover (504333) for Acute-AB/Acute Twin PBT/Compact/PB Head/PD575/Pro Tungsten. Item # PRGCCFABAAB ..........109.95
Frosted Glass UV Cover (504334) for Acute-AB/Acute Twin PBT/Compact/PB Head/PD575/Pro Tungsten. Item # PRGCCFVUAAB ..........124.95
Frosted UV-300 Glass Cover (504335) Item # PRGCCFVPTQT ..174.95
PR Glass Cover Plate Set (6) (504337) for Ringflash. Item # PRGCPSRF ..........28.95
Clear Glass Cover (701271) for PD1200. Item # PRGCCPD1200 ..........117.50

Over Head Stand Adapter 5/8" (16mm) (504322) Item # PRLSAOH ..........24.95

Frosted Glass Cover (701272) for PD1200. Item # PRGCFPD1200 ..........119.95
Frosted UV-Safe Glass Cover (701276) for PD575. Item # PRGCFUVS ..........174.95
Frosted UV-300 Glass Cover (701273) for PD1200. Item # PRGCFVDP120Q ..........169.95
Glass Cover - Clear UV (701260) for A2. Item # PRGCCUVA2 ..........117.50
Glass Cover - Frosted + 300 (701261) for A2. Item # PRGCFP300A2 ..........109.95
Glass Cover - Frosted UV (701262) for A2. Item # PRGCFUVA2 ..........129.95
Glass Cover - Frosted Extra UV for A2. (701263) Item # PRGCFCUVA2 ..........178.95
Glass Cover - Double Extra UV for A2. (701266) Item # PRGCDDEUVA2 ..........149.50
Glass Cover - Clear f/A2 (701267) Item # PRGCCA2 ..........179.95

LOCATION POWER DEVICE

Pro Gas (504314) Pro Gas must be used when powering Acute or ComPact with a 230V gasoline generator. Not required with 117V generators. Item # PRPG ..........449.95

Locomount - 3/8" 4-Edged (44443) Item # PRFTUVAAB ..........282.50

FLASHTUBES

Flashtube (502218) for Acute2 & Compact 1200. Item # PRFTA2 ..........289.95
Flashtube (501131) for Acute2 Twin Head. Item # PRFTAT ..........299.95
Flashtube (501133) for Acute2 Ring Uncoated. Item # PRFTA2RF ..........584.95
Flashtube 2400w/s (501124) for Acute/PA/AB/ABS/AB Head. Item # PRFTAPAB ..........382.50
UV Flashtube 2400w/s (501122) for Acute/AB/ABS/PAB Head. Item # PRFTUVAB ..........278.95

MODELING LAMPS

100w Modeling Lamp (504441) for Acute AB and PAB. Item # PRML100AAB ..........5.95
100w Modeling Lamp (504441) for Compact. Item # PRML100C ..........5.95
150w Modeling Lamp (504442) for Acute ABS. Item # PRML150AABS ..........64.95
250w Modeling Lamp (504442) for Compact Special. Item # PRML150C ..........64.95
100w/230v Modeling Lamp (504444) for Acute AB and PAB. Item # PRML150AABBX ..........39.95
100w Modeling Lamp (504441) for Compact. Item # PRML100C ..........5.95
250w/405v Modeling Lamp (504442) for Acute ABS. Item # PRML250AABS ..........52.50
250w Modeling Lamp (504442) for Acute CPS. Item # PRML250ACPS ..........52.50
500w Modeling Lamp (504446) for Compact 1200. Item # PRMLC1200 ..........64.95
500w (230v) Modeling Lamp (504447) for Compact 1200. Item # PRMLC1200X ..........64.95
250w/120v Modeling Lamp (504448) for CP. Item # PRML250CP ..........39.50
250w/120v Modeling Lamp (504448) for CPP. Item # PRML250CPP ..........39.50
EXCALIBUR/LANCERLIGHT

The cutting edge of professional quality lighting at affordable prices. These are full featured strobes for all your photographic needs. Lightweight and easily transportable. Both include standard reflector and a protective cover. Other reflectors, softboxes and accessories are available. These units are available individually or in a variety of money saving kits.

EXCALIBUR

Excalibur 3200

Item # SPE3200j ..............239.95

Excalibur 6400

Item # SPE6400j ..............349.95

LANCERLIGHT 1600 AC/DC

Item # SPACDC1600 ..............239.95

SPECIFICATIONS

Power: 160 w/s.
Flash Power Control: 1/4, 1/2 & Full by rocker switch.
Modeling Lamp: 60W - 120V.
Modeling Light Control: 1/4, 1/2 & Full by rocker switch.
Recycling Time: AC=Full-3 sec. DC=Fast-5.5 sec. DC=Ultra Fast-4 sec.
Slave Sensor: Yes.
Fuse Safety Protection: Yes.
User Replaceable Flashtube: Yes.
Power Source: AC 110/120V - 50/60Hz or DC battery pack.
Angle of Illumination: 60°.
Color Temperature: 5200°K.
Accessories: Flash tube, Protective cover, standard reflector, AC power cord, DC power cord
22” Collapsible EZ-Square Softbox  Item # SPSSB222 .............69.95
27” Collapsible EZ-Egg Softbox  Item # SPSSB272 .............99.95
37” Collapsible EZ-Octagon Softbox  Item # SPBSO37 .............99.95

For Broncolor Pulsos (SPARPB2)  Item # SPARCBBP .............16.95
For Elinchrom (SPAREL1)  Item # SPARCSEL .............9.95
For Comet (SPARC01)  Item # SPARCSCB .............9.95
For Dynalite (PDL255)  Item # RESRD .............33.95
For Photogenic (SPARPH1)  Item # SPARCSBP .............14.95
For Multiblitz (SPAMU1)  Item # SPARCSBMVSIVL ...19.50

For Broncolor Pulso (SPARPB2)  Item # SPARCBBP .............16.95
For Elinchrom (SPAREL1)  Item # SPARCSEL .............9.95
For Comet (SPARC01)  Item # SPARCSCB .............9.95
For Dynalite (PDL255)  Item # RESRD .............33.95
For Photogenic (SPARPH1)  Item # SPARCSBP .............14.95
For Multiblitz (SPAMU1)  Item # SPARCSBMVSIVL ...19.50

E-Z ADAPTER RINGS

- For Excalibur (SPDBEX)  Item # SPARCSBE .............11.95
- For Bowens (RD6210)  Item # RESRC52 .............19.95
- For Bowens (SPARCB1)  Item # SPARCSBCB .............9.95
- For Balcar/White Lighting (SPARBW1)  Item # SPARCSBB .............17.50
- For Speedotron (SPARSP1)  Item # SPARCSBS .............9.50
- For Norman (SPARN01)  Item # SPARCSB200 .............14.95
- For Profoto (SPAPPR1)  Item # SPARCSBP .............16.95
- For Hensel (SPARH1)  Item # SPARCSBH .............9.50
- For Broncolor Impact (SPARBI1)  Item # SPARCSBBI .............16.50

PORTAFLASH FLASH METER

Features include; 8 stop range, f2.8 – f32 (with ISO 100 film), Over/under range indicators, Accurate to 1/3rd stop, Cordless or cable triggering, Auto off (Battery saver circuit). Low battery indicators, Hand held or fixed standing operation. Belt pouch included. Uses a 9V battery (not included) and is compact in size 4.5” x 2.5” x 1” (11x6.3x2.5cm).

Portaflash Meter  Item # SPF ..................99.95

ACCESSORIES

- Excalibur Softbox
- Honeycomb Attachment
- Snoot-50
- Soft Reflector
- Barndoor (SP50)
- Color Filter Set (SPFILT50)  Item # SPCFS .............26.95
- Honeycomb (SPHC50)  Item # SPCE ...................27.50
- AC Cord (Replacement) (SP1632AC)  Item # SACCE .............26.50
- Flashtube (Replacement) (SPFT60UV)  Item # SFTP .............59.95
- Adapter Ring (Replacement) (SPSABA)  Item # SPARESB .............13.50

STANDARD UMBRELLAS

- 33” White Umbrella (SPUM33W)  Item # SPU33W .............26.95
- 36” Silver Umbrella (SPUMB36)  Item # SPU36S .............34.95
- 40” Silver Umbrella (SPUMB42S)  Item # SPU42S .............44.50

UMBRELLA KITS

Consists of; 1 PM LS Stand, 1 UBC Umbrella Clamp & umbrella.
- 36” Umbrella Kit (SPUMCOM36T)  Item # SPU36K .............93.50
- 36” Umbrella Kit (SPUMCOM)  Item # SPU36WK .............87.95
- Silver reflective.
- 42” Umbrella Kit (SPUMCOM42T)  Item # SPU42K .............97.95
- Silk white taffeta.
- 42” Umbrella Kit (SPUMCOM42S)  Item # SPU42SK .............104.95
- Silver reflective.
- Umbrella Flash Clamp (SPUFB)  Item # SPUFC .............17.95
**SP STUDIO SYSTEMS**

**STROBE LIGHTING**

**MONOLIGHTS**

**SP MONO LIGHT KITS**

**Excalibur 1600C 2-Light, Stand and Umbrella Kit**

Consists of:
- (2) Excalibur 1600C (160ws) Monolights
- (2) 8’ air cushioned light stands
- (2) 45” White satin umbrellas.

Item # SPE1600KQ .......... 349.95

**Excalibur 1600C 2-Light, Stand, Umbrella and Case Kit**

Same as above with Light Kit Bag.

Item # SPE1600KZ .......... 419.95

**Excalibur 1600C/3200 2-Light, Stand, Umbrella and Case Kit**

Consists of:
- (1) Excalibur 1600C (160ws) Monolight
- (1) Excalibur 3200 (320ws) Monolight
- (2) 8’ air cushioned light stands
- (2) 45” White satin umbrellas
- (1) Light Kit Bag.

Item # SPE16003200 ........ 538.90

**Excalibur 1600C/6400 2-Light, Stand, Umbrella and Case Kit**

Consists of:
- (1) Excalibur 1600C (160ws) Monolight
- (1) Excalibur 6400 (640ws) Monolight
- (1) 8’ air cushioned light stand
- (1) 9.5’ air cushioned light stand
- (2) 45” White satin umbrellas
- (1) Light Kit Bag.

Item # SPE16006400 ........ 598.95

**Excalibur 1600C/6400 2-Light, Stand and Umbrella Kit**

Same as above without Light Kit Bag.

Item # SPE16006400Q ....... 519.95

**Excalibur 3200 2-Light, Stand and Umbrella Kit**

Consists of:
- (2) Excalibur 3200 (320ws) Monolights
- (2) 8’ air cushioned light stands
- (2) 45” White satin umbrellas.

Item # SPE3200KQ .......... 478.95

**Excalibur 3200 2-Light, Stand, Umbrella and Case Kit**

Same as above with Light Kit Bag.

Item # SPE3200KZ .......... 629.95

**Excalibur 3200/6400 2-Light, Stand and Umbrella Kit**

Consists of:
- (1) Excalibur 6400 (640ws) Monolight
- (1) Excalibur 3200 (320ws) Monolight
- (1) 8’ air cushioned light stand
- (1) 9.5’ air cushioned light stand
- (2) 45” White satin umbrellas.

Item # SPE32006400Q ....... 609.94

**Excalibur 3200/6400 2-Light, Stand, Umbrella and Case Kit**

Same as above with Light Kit Bag.

Item # SPE32006400 ........ 669.95

**Pro 1600C Kit (SPPRO1600K)**

Kit Includes:
- (2) SP-1600C Studio Strobe Units
- (1) SP-S920 Strobe Unit
- (2) SP-SLS8A 8’ (2.4m) Air Cushion Silver Stands
- (1) SP-Rstand 6’ (1.8m) Black Stand
- (2) SP-UMB40W 40” White Umbrellas
- (1) SP-Snoot920 for 920 Strobe
- (1) SP-Brack Swivel Bracket
- (1) SP-Hold Socket Set
- (2) SP-Bag Nylon Foam Padded Equipment Bags.

Item # SPE1600K .......... 719.95

**Pro 1632 Kit (SPPRO1632K)**

Kit Includes:
- (2) SP-3200 Studio Strobe Units
- (1) SP-1600C Studio Strobe Unit
- (1) SP-S920 Strobe Unit
- (1) SP-Rstand 6’ (1.8m) Black Stand
- (2) SP-UMB40W 40” White Umbrellas
- (1) SP-Snoot920 for 920 Strobe
- (1) SP-Brack Swivel Bracket
- (1) SP-Hold Socket Set
- (2) SP-Bag Nylon Foam Padded Equipment Bags

Item # SPE1632K ........... 819.00

**Pro 1600C Kit (SPPRO1600K)**

Kit Includes:
- (2) SP-1600C Studio Strobe Units
- (1) SP-S920 Strobe Unit
- (2) SP-SLS8A 8’ (2.4m) Air Cushion Silver Stands
- (1) SP-Rstand 6’ (1.8m) Black Stand
- (2) SP-UMB40W 40” White Umbrellas
- (1) SP-Snoot920 for 920 Strobe
- (1) SP-Brack Swivel Bracket
- (1) SP-Hold Socket Set
- (2) SP-Bag Nylon Foam Padded Equipment Bags.

Item # SPE1600KQ .......... 349.95

**Pro 3200 Kit (SPPRO3200K)**

Kit Includes:
- (2) SP-3200 Studio Strobe Units
- (1) SP-S920 Strobe Unit
- (2) SP-SLS8A 8’ (2.4m) Air Cushion Silver Stands
- (1) SP-Rstand 6’ (1.8m) Black Stand
- (2) SP-UMB40W 40” White Umbrellas
- (1) SP-Snoot920 for 920 Strobe
- (1) SP-Brack Swivel Bracket
- (1) SP-Hold Socket Set
- (2) SP-Bag Nylon Foam Padded Equipment Bags.

Item # SPE3200 ........... 1099.95

**SP AC/DC MONOLIGHT KITS**

**LancerLight Basic AC/DC Excalibur Kit (SPLLBEK)**

Consists of:
- (2) 1600 AC/DC lights
- (2) 40” White Umbrellas
- (2) 8’ Aluminum light stands
- (1) SPXL padded equipment bag

Item # SPLLBEK ........... 669.95

**LancerLight On Location Kit (SPLLK)**

Consists of:
- (2) 1600 AC/DC lights
- (1) 920 AC/DC light
- (1) SP-920 Bracket
- (1) 920 Snoot
- (2) 40” White Umbrellas
- (2) 8’ aluminum light stands
- (1) SL3S 3’ stand
- (1) SPXL padded equipment bag

Item # SPLLK ........... 924.95
### Lightstands

**6´ (1.8m) 4-Section Lightstand**
Black 1/4-20 Stud (SPRSTAND)
Item # SPRS ........................... 27.95

**90” (229cm) 3-Section Lightstand** (SPPMLS)
Item # SPPMLS .......................... 37.95

**Background Stand w/Case** (SPBACKC)
Item # SPBGSC ........................... 136.50

**8´ (2.4m) 4-Section Lightstand** (SPSLS8A)
Item # SPLS8AC .......................... 69.95

**6´ (1.8m) Air Cushion 3-Section Lightstand** (SPSLS6A)
Item # SPSL6AC .......................... 39.95

### SPECIFICATIONS FOR ALUMINUM LIGHTSTANDS

<table>
<thead>
<tr>
<th>Sections</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLS8S 8´ - SPSL8B</td>
<td>4</td>
<td>26½” (67cm)</td>
<td>8´ (244cm)</td>
</tr>
<tr>
<td>PMLS 7.5´ - SPPMLS</td>
<td>3</td>
<td>33” (84cm)</td>
<td>7´6˝ (229cm)</td>
</tr>
<tr>
<td>Rstand 6´ - SPRSTAND</td>
<td>3</td>
<td>25½” (64cm)</td>
<td>6´ (183cm)</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS FOR AIR CUSHIONED LIGHTSTANDS

<table>
<thead>
<tr>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6´ 3-Section - SPSLS6AB</td>
<td>36” (91cm)</td>
<td>2.2 lbs. (1.0kg)</td>
<td>26½” (67cm)</td>
<td>6´ (183cm)</td>
</tr>
<tr>
<td>8´ 4-Section - SPSLS8AB</td>
<td>36” (91cm)</td>
<td>2.4 lbs. (1.1kg)</td>
<td>26½” (67cm)</td>
<td>8´ (244cm)</td>
</tr>
<tr>
<td>10´ 4-Section - SPSLS10AB</td>
<td>40” (102cm)</td>
<td>3.1 lbs. (1.4kg)</td>
<td>32½” (84cm)</td>
<td>10´ (305cm)</td>
</tr>
<tr>
<td>9.5´ - SPSLS96HAB</td>
<td>43½” (111cm)</td>
<td>4.2 lbs. (1.9kg)</td>
<td>44½” (113cm)</td>
<td>9´6˝ (289cm)</td>
</tr>
<tr>
<td>13´ 4-Section - SPSLS13HAB</td>
<td>43½” (111cm)</td>
<td>4.75 lbs. (2.1kg)</td>
<td>49½” (126cm)</td>
<td>12´11˝ (394cm)</td>
</tr>
</tbody>
</table>

### Lightstand Accessories

- **Double Paper Holder (SPDPH)** for Background Stand. Item # SPPHD ........................... 74.95
- **Boom Arm (SPBOOM)** with Clamp & Weight. Item # SPBA .............................. 69.95
- **Grip Extension Arm (SPGPEXT)** Item # SPGEA ............................... 9.95
- **Heavy Duty Boom Stand** (SPSLS76S)
  Item # SPBS ............................. 92.50
- **3 Piece Caster Set** (SPLSC25) for Heavy Duty Boom Stand.
  Item # SPSCSHD .......................... 56.50
- **3 Piece Caster Set** (SPLSC22) for Standard Light Boom Stand.
  Item # SPCSS ............................. 42.95
- **Grip Clamp** (SPGRC)
  Item # SPG .................................. 99.50
- **Mini Grip** (SMPCLMP)
  Item # SPMGM ................................ 14.95
- **Light Kit Bag 35x8x9˝** (SPBAG)
  Item # SPCLK ................................. 89.95
- **Light Kit Bag 35x8x11˝** (SPXLBAG)
  Item # SPCLKXL .............................. 109.95

---

**Lightstands**

**Air-Cushioned Lightstands**

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**STROBE LIGHTING**

**MONOLIGHTS**

**SP STUDIO SYSTEMS**

**LIGHTSTANDS**
Speedotron introduces the first location and studio monolight made with the commercial photographer in mind. Utilizing digital technology, the Force 10 is light, fast and incredibly powerful. Designed from the ground up to deliver the performance, versatility and reliability needed for commercial applications and digital imaging with commanding features.

**SPECIFICATIONS**

- **Max. Power:** 500 w/s.
- **Guide:** GN 380 at ISO 100 with 11.5˝ reflector
- **Recycle Time:** 1.5 sec.
- **Stop Range:** 8 f-stop range in 1/3 or 1/6 stop increments
- **Weight:** 5 lbs. (2.3kg)

**FEATURES**

- Compatible with all Black Line light control and support accessories.
- Includes:
  - (1) 14562 DW 30QFC Flashtube
  - (1) 14510 150W Modeling Lamp
  - (1) 13562 20’ (6m) Phone Plug PC Cord
  - (1) 14225 11.5˝ Reflector
  - (1) 14256 protective tube cover (plastic)

**FORCE 5 MONOLIGHT**

Force 5 Monolight (1123511)
Item # SPF511………..689.95

**FORCE 10 MONOLIGHT**

Force 10 Monolight (1123211)
Item # SPF1011………..764.95

**SPECIFICATIONS**

- **Max. Power:** 1000 w/s.
- **Guide:** GN 540 at ISO 100 @10’ with 11.5˝ reflector
- **Recycle Time:** 1.5 sec.
- **Stop Range:** 8 f-stop range in 1/3 or 1/6 stop increments
- **Weight:** 8 lbs. (3.6kg)

**FEATURES**

- Compatible with all Black Line light control and support accessories.
- Includes:
  - (1) 14562 DW 30QFC Flashtube
  - (1) 14520 250W Modeling Lamp
  - (1) 13562 20’ (6m) Phone Plug PC Cord
  - (1) 14225 11.5˝ Reflector
  - (1) 14256 protective tube cover (plastic)

**FORCE 5 MONOLIGHT**

Force 5 Monolight (1123511)
Item # SPF511………..689.95

**FORCE 10 MONOLIGHT**

Force 10 Monolight (1123211)
Item # SPF1011………..764.95

**REFLECTORS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7˝ Umbrella Reflector</td>
<td>SPF7U</td>
<td>23.50</td>
</tr>
<tr>
<td>7˝ Universal Black Reflector</td>
<td>SPF7UB</td>
<td>23.50</td>
</tr>
<tr>
<td>7˝ Umbrella Reflector</td>
<td>SPF7U</td>
<td>25.95</td>
</tr>
<tr>
<td>11.5˝ Grid Reflector</td>
<td>SPF11G</td>
<td>28.95</td>
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<tr>
<td>16˝ Grid Reflector</td>
<td>SPF16G</td>
<td>37.50</td>
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<tr>
<td>16˝ Univ. Sports Reflector</td>
<td>SPF16US</td>
<td>49.95</td>
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</tbody>
</table>

**LIGHTSOX DIFFUSERS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>11˝ Lightsox Diffuser</td>
<td>SPLSD11.5Q</td>
<td>27.95</td>
</tr>
<tr>
<td>16/20˝ Lightsox Diffuser</td>
<td>SPLSD11.5Q</td>
<td>27.95</td>
</tr>
<tr>
<td>22˝ Lightsox Diffuser</td>
<td>SPLSD20Q</td>
<td>29.95</td>
</tr>
</tbody>
</table>

**PACKAGE**

- **20˝ Universal Reflector Kit**
  - Item # SPR22K………..249.95
- **Background Reflector**
  - Item # SPRBGAA………..39.95
- **White Background Reflector**
  - Item # SPRBGW………..39.95

**ORDER & INFORMATION**

(212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
ACCESSORIES
SPEEDOTRON
PHOTO - VIDEO - PRO AUDIO

UMBRELLAS

48˝ Super Silver Reflector Umbrella (24534)
Item # SPU48SS ................. 47.95
34˝ Super Silver Reflector Umbrella (24537)
Item # SPU34SS ................. 35.95

BARNDOORS AND ACCESSORIES

2-Leaf Barndoor (14217)
for 7˝ Reflector.
Item # SPBD 27 ............... 34.95

2-Leaf Barndoor (14540)
for 11.5˝ Reflector.
Item # SPBD 211 .............. 41.95

2-Leaf Barndoor (14542)
for 16˝ Reflector.
Item # SPBD 216 .............. 51.95

4-Way Barndoor (24215)
for 7˝ Reflector (Lowel-D220).
Item # SPBD 47 ............... 64.95

4-Way Barndoors with
Gel Holder (14211)
for 7˝ Reflector.
Item # SPBD 4GH 7 ............ 116.95

4-Way Barndoors with
Gel Holder (14212)
for 11.5˝ Reflector.
Item # SPBD 4GH11 ........... 134.95

Graduated Scrim (24504)
for 4-Way Barndoor.
Item # SPSGBD 7 .............. 21.95

Half Scrim (24503)
for 4-Way Barndoor.
Item # SPH BD 7 ............. 19.95

Full Scrim (24505)
for 4-Way Barndoor.
Item # SPSFB D7 ............. 19.95

Cookaloris (24501)
for 4-Way Barndoor.
Item # SPC BD 7 ............. 19.95

Diffused Glass Filter (24502)
for 4-Way Barndoor.
Item # SPD GB 7 ............. 37.95

GEL HOLDERS

7˝ Gel Holder (25212)
Item # SPFH 7 ................ 11.95

11.5˝ Gel Holder (25214)
Item # SPFH 11.5 .......... 17.95

16˝ Gel Holder (25215)
Item # SPFH 16 ............. 18.95

20˝ Gel Holder (25216)
Item # SPFH 20 ............. 18.95

GRID HOLDERS

7˝ 3° Grid (14611)
Item # SPG73 ................. 66.50

7˝ 10° Grid (14612)
Item # SPG710 ............... 34.50

7˝ 20° Grid (14613)
Item # SPG720 ............... 32.95

7˝ 30° Grid (14614)
Item # SPG730 ............... 29.95

7˝ 40° Grid (14615)
Item # SPG740 ............... 29.95

7˝ Grid Set 10/20/30/40° (14619)
Item # SPG7 ................. 89.95

11.5˝ 10° Grid (14601)
Item # SPG11.5 ............. 64.50

11.5˝ 20° Grid (14602)
Item # SPG11.520 .......... 49.95

11.5˝ 35° Grid (14603)
Item # SPG11.535 .......... 42.95

11.5˝ Grid Set 20°/35° (14608)
Item #SPGS11.5 ............. 84.95

16˝ 20° Grid (14621)
Item # SPG16 ............... 67.95

16˝ 20° Grid (14625)
Item # SPG20 ............... 89.95

22˝ 25° Grid (14630)
Item # SPD22 ............... 154.95

UMBRELLAS

White Umbrella
Super Silver Umbrella
Silver Umbrella

7˝ 3° Grid
Item # SPU34SS ............. 35.95
### ACCESSORIES

**SPEEDOTRON**  
**STROBE LIGHTING**  
**MONOLIGHTS**

#### 16x22" Soft Box
- For 202/206VF and Force 5/10 series.  
- Item #: 14518  
- Price: $161.95

#### 24x32" Soft Box
- For 202/206VF and Force 5/10 series.  
- Item #: 14522  
- Price: $179.00

### LIGHT STANDS AND SUPPORT

- **7.5’ (2.3m) Travel Stand**  
  Item #: 25562  
  Price: $41.95

- **9’ (2.7m) Air-Cushioned Stand**  
  Item #: 15512  
  Price: $103.50

- **9’ (2.7m) Heavy Duty Folding Stand**  
  Item #: 15510  
  Price: $89.95

- **11’ (3.3m) Air-Cushioned Stand**  
  Item #: 15514  
  Price: $169.95

- **11’ (3.3m) Heavy Duty Stand**  
  Item #: 15516  
  Price: $116.95

- **Caster Set**  
  Item #: 15511  
  Price: $39.95

- **11’ (2.6m) Heavy Duty Dolly**  
  Item #: 13510  
  Price: $64.95

- **8’ (2.4m) Giant Boom Arm**  
  Item #: 13512  
  Price: $134.95

- **Auxiliary 10 lbs. Weight**  
  Item #: 13513  
  Price: $31.95

### CASES

- **3-Section Soft Sided Small Carry Case**  
  Dimensions: 28.5 x 8 x 14”  
  Item #: 25533  
  Price: $84.95

- **4-Section Soft-Sided Medium Carry Case**  
  Dimensions: 35.5 x 13 x 11.5”  
  Item #: 25535  
  Price: $107.50

- **3-Section Air Case**  
  Dimensions: 33.5 x 14 x 13˝  
  Item #: 15554  
  Price: $259.95

- **4-Section Air Case**  
  Dimensions: 37.5 x 16.5 x 10.5˝  
  Item #: 15555  
  Price: $272.50

- **Slave Tripper (Wein L8)**  
  Item #: 23510  
  Price: $39.95

- **Protective Tube Pouch**  
  For 4 Tubes  
  Item #: 24536  
  Price: $39.95

- **220/240 Transformer**  
  Up to 1200 w/s.  
  Item #: 24535  
  Price: $129.95

- **Accessory Mounting Collar**  
  Item #: 14246  
  Price: $11.95

- **Focus Collar**  
  Item #: 14239  
  Price: $19.95

- **3-Section Small Carry Case**  
  Dimensions: 28.5 x 8 x 14”  
  Item #: 25533  
  Price: $84.95

- **Medium Carry Case**  
  Dimensions: 35.5 x 13 x 11.5”  
  Item #: 25535  
  Price: $107.50

- **Air cases provide the travelling photographer with rugged protection for the equipment while adding minimum weight. Construction is a combination of corrugated polyethylene for rigidity and strength, plus polyethylene foam for shock absorption. All this is covered in ballistic nylon.**
The Visatec system is a versatile, powerful photographic tool especially for portraits. Its easy controls and reliable operation will not distract the photographer and models with technology. The result is a relaxed atmosphere and a more intimate working situation, important ingredients in high-quality portraits. The Visatec system offers the ideal lighting capabilities for studio fashion and product shots. Its sophisticated technology, with short recharge times and stable flash output, lets you make outstanding images. A wide selection of accessories helps turn creative ideas into reality. Even outside the studio Visatec is the ideal light source, for wedding or fashion photos as well as photos for hotel and company brochures. For location shots, your Visatec equipment can be packed into special compact travel bags, each one individually equipped with all the flash units and accessories you will need.
## Reflectors & Accessories

### Reflectors

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Item No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Reflector (531000)</td>
<td>Silver, for 800B/1600B/3200B.</td>
<td>VIRSS...</td>
<td>46.50</td>
</tr>
<tr>
<td>Universal Reflector (531020)</td>
<td>Silver, for Solo 800.</td>
<td>VIRUS...</td>
<td>63.95</td>
</tr>
<tr>
<td>White Softlight Reflector (531110)</td>
<td>For Solo 800B/1600B/3200B.</td>
<td>VIRSL...</td>
<td>279.95</td>
</tr>
<tr>
<td>Silver Umbrella Reflector (534570)</td>
<td>For Solo 1600B/3200B.</td>
<td>VIRU...</td>
<td>79.95</td>
</tr>
</tbody>
</table>

### Reflector Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Item No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conical Snoot (531200)</td>
<td>For Solo 800B/1600B/3200B.</td>
<td>VISC...</td>
<td>82.95</td>
</tr>
<tr>
<td>Projection Attachment (531300)</td>
<td>For Solo 800B/1600B.</td>
<td>VIPAS1600B</td>
<td>954.95</td>
</tr>
<tr>
<td>Gobo Set (531310)</td>
<td>For Projection Attachment.</td>
<td>VIGSPA...</td>
<td>132.95</td>
</tr>
<tr>
<td>Barndoor Set (532200)</td>
<td>For Standard and Universal Reflectors.</td>
<td>VIBDSUR...</td>
<td>46.95</td>
</tr>
<tr>
<td>Barndoor Set (532210)</td>
<td>For White Softlight Reflector.</td>
<td>VIBDSLR...</td>
<td>164.95</td>
</tr>
<tr>
<td>Honeycomb Grid Set (532000)</td>
<td>Set of 3 for Standard and Universal Reflectors.</td>
<td>VIGSUR...</td>
<td>134.95</td>
</tr>
<tr>
<td>Honeycomb Grid (532010)</td>
<td>For White Softlight Reflector.</td>
<td>VIGSLR...</td>
<td>191.95</td>
</tr>
<tr>
<td>Set of 12 Color Filters (533000)</td>
<td>For Standard and Universal Reflectors.</td>
<td>VIFSCUR...</td>
<td>46.95</td>
</tr>
<tr>
<td>Set of 12 Diffusers (533030)</td>
<td>For Standard and Universal Reflectors.</td>
<td>VIFSDUR...</td>
<td>17.95</td>
</tr>
</tbody>
</table>

### Flashtubes, Modeling Lamps and Protection Domes

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Item No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flashtube (UV) 5500K (543000)</td>
<td>For Solo 800/800B.</td>
<td>VIPTS800...</td>
<td>54.95</td>
</tr>
<tr>
<td>Flashtube (UV) 5500K (543010)</td>
<td>For Solo 1600B.</td>
<td>VIPTS1600B...</td>
<td>83.95</td>
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<tr>
<td>Flashtube (Clear) (543020)</td>
<td>For Solo 3200B.</td>
<td>VIPTS3200B...</td>
<td>79.00</td>
</tr>
<tr>
<td>Clear Protection Dome (544000)</td>
<td>For Solo 800B/1600B.</td>
<td>VIFTCS1600B...</td>
<td>33.50</td>
</tr>
<tr>
<td>Coated Protection Dome (544010)</td>
<td>For Solo 3200B.</td>
<td>VIFTCS3200B...</td>
<td>34.95</td>
</tr>
<tr>
<td>50W Modeling Lamp (GBBRL)</td>
<td>For Solo 800.</td>
<td>GBBRL...</td>
<td>5.49</td>
</tr>
<tr>
<td>150W Modeling Lamp (542510)</td>
<td>Halogen, for Solo 800B/1600B/3200B.</td>
<td>VILS1600B...</td>
<td>25.00</td>
</tr>
</tbody>
</table>
SOFTBOXES/ UMBRELLAS/ BAGS

SOFTBOXES

Soloflex 60 (534060)
24” x 24” (60x60cm).
Item #VISF60.............189.95

Soloflex 80 (534080)
32” x 32” (80x80cm).
Item #VISF80.............244.95

Soloflex 100 (534090)
39” x 39” (100x100cm).
Item #VISF100............329.95

Soloflex 6x49 (534150)
6” x 49” (15x124cm).
Item #VISF649............204.95

Soloflex 32x64 (534160)
32” x 64” (80x160cm).
Item #VISF3264...........428.95

Soloflex 6x49 (534150)
6” x 49” (15x124cm).
Item #VISF649............204.95

Soloflex 32x64 (534160)
32” x 64” (80x160cm).
Item #VISF3264...........428.95

Umbrellas

35˝ White Umbrella (534500)
Item #VIU35W.............59.95

35˝ Translucent Umbrella (534510)
Item #VIU35T.............36.95

35˝ Silver Umbrella (534520)
Item #VIU35S.............61.00

35˝ Sun Umbrella (Light Gold) (534530)
Item #VIU35SQ............71.95

TRAVEL BAGS

Travel Bag (565050)
For Solo Kit 208 (510200).
Inside Dimensions: 21 x 8 x 17”
(52 x 20 x 43 cm)
Item #VICS216............209.95

Travel Bag (565060)
For Solo Kit 216 (511120).
Inside Dimensions: 21 x 8 x 17”
(52 x 20 x 43 cm)
Item #VICS216............209.95

Travel Bag (565070)
For Solo Kit 316 (511220).
Inside Dimensions: 27 x 8 x 17”
(68 x 20 x 43 cm)
Item #VICS216............209.95

Travel Bag (565080)
For Solo Kit 322 (511240).
Inside Dimensions: 27 x 8 x 20”
(68 x 20 x 51 cm)
Item #VICS216............323.95

Travel Bag (565090)
For Solo Kit 332 (511240).
Inside Dimensions: 27 x 8 x 20”
(68 x 20 x 51 cm)
Item #VICS332............323.95

MISC. ACCESSORIES

IR Trigger (562000)
For Solo 800B/1600B/3200B
Monolights.
Item #VIIRTS.............189.95

16˝ (5m) Sync Cable (541040)
Item #VISC16..............29.00

Ceiling Mount Bracket (532280)
For Solo 800B/1600B/3200B
Monolights.
Item #VIBC1600B.........89.50

Portfolio Binder (Manual) (592000)
Item #VIPB.................30.00

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
Visatec is a complete system and a valuable addition to existing flash equipment. The fully equipped kits are reliable, portable, and powerful light sources outside the studio as well. Visatec Solo 800B, 1600B and 3200B units are delivered with flash tube, modeling lamp, protecting glass, impact protecting cap, 16’ sync cord, power cord and operating instruction manual as standard.

**Lighting Q&A**

What are the qualities of a good headshot?

Good lighting, good make-up, nice clothes and professional printing and developing. Quality is the result of working with a top-notch team all the way through to the finished prints. If the photographer thinks only in terms of high quality, he’s going to get high quality. Don’t settle for less than the best in any stage of your work. For a headshot, capture the personality of the subject with good lighting, sharp focusing and your own inimitable style. Always maintain eye contact. Composition and tonal range should also be given serious consideration.

---

**Solo Kit 208** (510200)
Kit includes:
(2) Solo 800B flash units
(2) Universal reflectors
(1) Set of barndoors
(1) 35” white umbrella
(1) 16’ (5m) Sync cable
(1) Travel bag
(Stands not included)
Item # VISK208 .............1287.00

**Solo Kit 208** (510300)
Kit includes:
(3) Solo 800B flash units
(2) Universal reflectors
(1) Set of barndoors
(1) 35” silver umbrella
(1) Soloflex 60 softbox
(1) 16’ (5m) Sync cable
(1) Set of honeycomb grids with bag
(1) Travel bag
(Stands not included)
Item # VISK308 .............2043.00

**Solo Kit 216** (511210)
Kit includes:
(2) Solo 1600B flash units
(1) Standard reflector
(1) Set of barndoors
(1) 35” white umbrella
(1) Umbrella reflector
(1) 16’ (5m) Sync cable
(1) Travel bag
(Stands not included)
Item # VISK216 .............1558.00

**Solo Kit 216** (511120)
Kit includes:
(3) Solo 1600B flash units
(1) Standard reflector
(1) Set of barndoors
(1) 35” silver umbrella
(1) Umbrella reflector
(1) Soloflex 60 softbox
(1) 16’ (5m) Sync cable
(1) Set honeycomb grids with bag
(1) Travel bag
(Stands not included)
Item # VISK316 .............2276.00

**Solo Kit 232** (511240)
Kit includes:
(2) Solo 3200B flash units
(1) Standard reflector
(1) Set of barndoors
(1) 35” white umbrella
(1) Umbrella reflector
(1) Soloflex 60 softbox
(1) 16’ (5m) Sync cable
(1) Travel bag
(Stands not included)
Item # VISK232 .............2264.00

**Solo Kit 332** (511240)
Kit includes:
(3) Solo 3200B flash units
(1) Standard reflector
(1) Set of barndoors
(1) 35” silver umbrella
(1) Umbrella reflector
(1) Soloflex 60 softbox
(1) 16’ (5m) Sync cable
(1) Set honeycomb grids with bag
(1) Travel bag
(Stands not included)
Item # VISK332 .............3441.00
Section 4

Strobe Lighting - Battery Powered

Broncolor . . . . . . . . . . . . . . . . . . . . 176-179
Elinchrom . . . . . . . . . . . . . . . . . . . . . . . 180
Hensel . . . . . . . . . . . . . . . . . . . . . 181-184
Lumedyne . . . . . . . . . . . . . . . . . . . 185-193
Norman . . . . . . . . . . . . . . . . . . . . 194-196
Profoto . . . . . . . . . . . . . . . . . . . . . . 197-201
Quantum . . . . . . . . . . . . . . . . . . . . 202-205
Visatec . . . . . . . . . . . . . . . . . . . . . . . . . . 206
The new battery-powered Mobil pack is a long awaited addition to the Broncolor System. This small, 1200ws pack can take up to two heads and deliver 100-140 flashes at full power before having to recharge. Add the optional AC adapter, and the Mobil becomes a complete 1500ws studio pack with full modeling lights and faster recycle times. Although it’s a portable unit, Mobil is still Broncolor at heart. It features accurate 1/10th stop output control, integrated infrared/white light triggering, and all the safety, precision and reliability for which Broncolor is famous.

**MOBIL POWER PACK**

**FEATURES**
- 100-140 flashes per charge (depending on recycle speed)
- 4 f/stop range
- 1/10th f-stop adj. increments
- Backlit LCD power display
- Two head connections with symmetric power distribution
- Compatible with Mobilite head (50w modeling lamp) or standard Broncolor heads (modeling lamp off while on battery)
- Automatic timed modeling lamp switch-off to conserve power
- Optional AC adapter turns the Mobil into a full studio pack

**SPECIFICATIONS**
- Capacity: 1200ws (1500ws w/AC adapter)
- Output: f/45-2/3
- Flash Duration t 0.1: 1/230 sec.
- 100% Recycle Time: 6 sec.
- Triggering: IR/Cord/Cell
- Adjustment Range: Over 4 stops in 1/10 stop increments
- Modeling Light: 50w (with Mobilite head), Auto shut off
- Distribution: Symmetric
- Head Outlets: 2 Outlets
- Weight: 13.26 lbs. (6.0kg)
- Dimensions: 9.25 x 5.75 x 10.75" (23.5x14.6x27.3cm)

**MOBILITE HEAD**

Designed specifically to work with the Mobil pack, the Mobilite head weighs in at just 2.75 lbs. (1.2kg)! Its 50w modeling lamp minimizes battery drain, and its integrated reflector means it can be used without additional accessories to make it even more portable. Includes flashtube, modeling light, protection glass and tilt head.

**ACCESSORIES FOR MOBIL POWER PACK**

Charger (110v) (163010)
Required for battery use.
Item # BRCM .................. 189.00

Charger (220v) (163012)
Required for battery use.
Item # BRCMX ........... 188.50

AC Adapter (163015)
Transforms the Mobil into a conventionally powered 1500w pack.
Item # BRACAM ............... 995.00

Spare Battery (163014)
Item # BRBMQ ............ 210.00

Case for Mobil (102025)
Item # BRCML ................. 88.95

Travel Kit Case (102026)
Holds pack, extra battery, 2 heads, charger and accessories.
Item # BRCTML ........... 224.50

Mobil Travel Kit
Consists of:
- (1) Mobil power pack 1200ws
- (1) Charger (110V) for Mobil power pack
- (1) Mobilite head
- (1) Travel case for Mobilite.
Item # BRMTK ............ 2698.95

Should I buy my film and paper in large quantities to save money?

Yes. Buying in bulk is always cheaper, although when I started out I could only afford five or six rolls at a time. Twenty rolls in a plastic cover intimidated me. If you do buy your supplies in large quantities, store them in a refrigerator. A note of caution: buy a reasonable stock, but not so much that it could become out of date.
**ACCESSORIES**

- **Snoot Attachment (120472)**
  Includes coarse, medium and fine honeycombs and two round aperture plates to control the projected circle.
  Item # BRSM L ..................373.95

- **Twin Articulated Arm (163016)**
  Great for table top shooting with the Mobilite. This arm comes with 3 separately adjustable twin arms with 4 individual bending joints for added versatility.
  Item # BRTAAML ..............144.95

**REFLECTORS & ACCESSORIES**

- **P65 Reflector (120065)**
  65° angle, f/stop 128/3, 11'' dia. x 9.5'' depth.
  Item # BRRP65 ...............257.50

- **P70 Reflector (120070)**
  70° angle, f/stop 90/3, 9'' dia. x 7.5'' depth.
  Item # BRRP70 ...............204.95

- **P-Travel Reflector (120055)**
  55° angle, f/stop 64/3, 7.5'' dia. x 3.5'' depth.
  Item # BRRPT .................109.95

- **4-Wing Barndoors (120471)**
  For P65 reflectors.
  Item # BRBDP65 .............654.95

- **2-Wing Barndoors (120155)**
  For P-Travel reflector.
  Item # BRBDPTR .............124.95

- **Color Filters (120370)**
  For P70 reflector. Set of 12.
  Item # BRFCP70BD ...........129.95

- **Gray Filters (120373)**
  For P70 reflector. Set of 12.
  Item # BRFGP70BD ...........144.95

- **Opal Diffusers (120371)**
  For P70 reflector. Set of 12.
  Item # BROP70BD ...........69.95

- **Diffuser (120380)**
  For Softlight reflector.
  Item # BRD SLR ..............268.95

- **Honeycomb Grid (120165)**
  For P65 reflectors. Set of 3.
  Item # BRGP65 ...............424.95

- **Honeycomb Grid (120170)**
  For P70 reflector. Set of 3.
  Item # BRGP70 ...............289.95

- **Honeycomb Grid (120180)**
  For Softlight Reflector.
  Item # BRGSLZ .............199.95

**Clamp (123019)**
To attach articulated arm to table.
Item # BRCATFL .............79.95

**4-Wing Barndoors (120471)**
Item # BRBDM ...............254.95

**Pulso Adapter (121007)**
Allows the use of lightweight standard Broncolor accessories.
Item # BRPAML ...............213.50

**Adapter (121009)**
Mobilite to Satellite Reflector.
Item # BRMLSRA .............172.95

**Lamp Extension Cable (154005)**
11.5’ (3.5m) to Mobilite.
Item # BRSCE16 .............358.95

**P65 Reflector (120065)**
65° angle, f/stop 128/3, 11'' dia. x 9.5'' depth.
Item # BRRP65 ...............257.50

**P70 Reflector (120070)**
70° angle, f/stop 90/3, 9'' dia. x 7.5'' depth.
Item # BRRP70 ...............204.95

**Softlight Reflector (120080)**
f/stop 45/, 20'' dia. x 7'' depth.
Item # BRRSLP ..............389.95

**P-Travel Reflector (120055)**
55° angle, f/stop 64/3, 7.5'' dia. x 3.5'' depth.
Item # BRRPT .................109.95

**4-Wing Barndoors (120266)**
For P65 reflectors.
Item # BRBDP65 .............654.95

**2-Wing Barndoors (120270)**
For P70 reflector.
Item # BRBDP70 ..............299.95

**4-Wing Barndoors (120271)**
For P70 reflector.
Item # BRBDP704 ............389.95

**4-Wing Barndoors (120272)**
For P70 reflector.
Item # BRBDP704 ............389.95

**2-Wing Barndoors (120155)**
For P-Travel reflector.
Item # BRBDPTR .............124.95
**SOFTBOXES & ACCESSORIES**

**BRONCOLOR**

**PULSOFLEX C**

- Same Broncolor quality, new low price
- Adapter ring sold separately, so you can use one ring for multiple boxes
- Simple construction assembles and disassembles quickly
- Compatible with all current Broncolor strobe heads (70x70 and 35x120 need fan cooled heads) and compact units.

- **Pulsoflex C 23.5” x 39.5” (60x100cm)** (120802) Item # BRPC2440...........334.50
- **Pulsoflex C 27.5” x 27.5” (70x70cm)** (120861) Item # BRPC2828...........285.95
- **Pulsoflex C 39.5” x 39.5” (100x100cm)** (120801) Item # BRPC 4040............417.95

**PULSOFLEX ACCESSORIES**

- **Adapter Ring** for Pulsoflex EM/C (129100) Without integrated reflector. Item # BRARPC .............123.95
- **Adapter Ring** for Pulsoflex EM/C (143580) With integrated reflector. Item # BRARPCQ ............197.95
- **Textile Grid Lighttools** for Pulsoflex EM 80x80 (120885) Light angle = 40°. Item # BRFGPEM ..............409.50
- **Barndoors** for EM 32” x 32” (120783) Item # BRBDPEM3232 .......224.95
- **Honeycomb Grid** for EM 32” x 32” (120781) Item # BRGPEM3232 ......759.95
- **Diffusing Foil** for EM 32” x 32” (120782) Item # BRDFPEM3232 ......484.95
- **Louvers** for EM 32” x 32” (120780) Item # BRLSPEM3232 .......554.95
- **Bag for Pulsoflex** (120746) Item # BRBP ................................12.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
MINI HAZYLIGHT

- The Mini-Hazylight gives you most of the same advantages as the larger Hazylights. At about 1/4 the surface area and a fraction of the weight, the Mini-Hazy is ideal for smaller product work, or situations where you need that unique Hazylight quality on a location shoot.
- Output: f45 at 6½’ (3200ws, 100 ISO).
- Uses standard lampbases.
- Weight: 12 lbs. (5.3kg)
- Dimensions: 24”x 24” (60x60cm)

Mini-Hazylight (120460)
Item # BRMHL .............. 1664.95

BALLOON LAMP

- Compatible with the full line of Primo and Pulso lampbases, as well as entire range of Minipuls compact units
- Creates highlights that are round and slightly burned out, ideal for interiors and portraits
- 20” diameter Plexiglas dome diffuses light similar to a street lamp; even 360° illumination
- Lightweight material makes it great for location shooting where broad illumination or fill-in light is needed

Balloon Lamp (120099)
Item # BRLBQ .............. 765.95

ACCESSORIES

1600ws Flashtube (150045) For Mobilite.
Item # BRFTML .............. 249.95

Protection Glass (150023) For Mobilite.
Item # BRFTPL .............. 19.95

50w Lamp (GBBRL) For Mobilite.
Item # GBBRL .......... 5.49

LIGHTSTANDS AND ACCESSORIES

Junior Stand (131002) 8.2’ height, 2 height extensions. Air-cushioned. Ideal for studio light stand
Item # BRLSJ .............. 184.95

Senior Stand (131003) Heavy-duty, 9.2’ height extensions. Air-cushioned.
Item # BRSLSS .............. 284.95

Casters (134001) for Senior Stand, set of 3.
Item # BRCSLS .............. 114.95

Super Boom (133002) Stand and boom arm with adapter to Pulso head, with 2 hand cranks, stand attachment, counter balance and casters.
Item # BRSB .............. 1074.95

Pillar Stand 215 (130465) Max H eight 7.2’ (2.15m)
Item # BRLSP215 .............. 1694.95

LIGHTING Q&A

What ideas can liven up pictures taken at weddings?

Try to avoid horizontal lines in the picture. Take romantic shots above all, but watch the backgrounds and get action shots. Find locations with built-in frames—any kind of arch behind the couple is nice. Look for the background shots that candidly express what went on at their wedding. Try framing the foreground with the flowers she’s carrying; always try to include flowers in the picture. I usually use a wide-angle and a 50mm lens at weddings so I can move in and out faster. A midrange zoom is very useful for candid shots. Try to get the story of the wedding on film; pictures that cover all the events and fall into a beginning, middle, and end pattern. Make sure you take an assistant with you to carry an additional camera preloaded with film. The worst thing that can happen is to have the bride and groom arrive at the altar and you discover you’ve used your last frame. Make sure that second camera is all ready and, at most, all you have to do is put your lens on it. There are many beautiful backgrounds particularly stained glass windows and altars. Everyone loves those silhouette—take your exposure reading from the light behind them, and don’t use the flash. At the reception make sure you get a picture of the cake cutting, the throwing of the bouquet and the couple saying hello to relatives.

Copy excerpted with permission of Amphoto Books © 1995 by John Hart
50 Portrait Lighting Techniques.
RANGER FREE STYLE

Allows you to take your studio outside. Complete portable power without the need for generators, AC outlets or long extension cables. Lighter, smaller, tougher and accepts all Elinchrom accessories!

FEATURES
- Resistant to humidity
- Multi-voltage charger with set of three adapters. The charger can charge a battery in the unit or externally.
- Photo Cell is adapted to release in bright ambient light.
- Recharging time to full power 3 hours.
- Charge Ready Beep
- Charge Ready Light/O pen Flash - Indicated by two bright LED’s!
- Battery Charge Indicator - The Free Style electronic monitors the low level charge to maximize battery life.
- Modeling Lamp - switches off automatically to conserve power
- Auto Off to save battery power and maximize flashes
- Retains all last settings even at auto switch off!

SPECIFICATIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ws Max.:</td>
<td>1100</td>
</tr>
<tr>
<td>Power Range:</td>
<td>68-1100Ws</td>
</tr>
<tr>
<td>Power Range f/Stop:</td>
<td>3.5 - 7.5 / 5 f-stops</td>
</tr>
<tr>
<td>Recycling @ Min./Max Power:</td>
<td>Fast: 1.5s - 6s, Slow: 3s - 14s</td>
</tr>
<tr>
<td>Flashes Out Of 1 Charged Battery, Slow/Fast Recycle:</td>
<td>@ Min. Power: 1900-1300</td>
</tr>
<tr>
<td>@ Max. Power: 140-100</td>
<td></td>
</tr>
<tr>
<td>Sync Voltage:</td>
<td>12 VDC</td>
</tr>
<tr>
<td>Stabilization:</td>
<td>+/- 1V</td>
</tr>
<tr>
<td>Battery Lead Acid:</td>
<td>12 V - 7 Ah (gel-electrolyte)</td>
</tr>
<tr>
<td>Modeling Lamp:</td>
<td>2 x 50 W / 12 V or 1 x 100 W / 12 V</td>
</tr>
<tr>
<td>Recharge Time:</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Weight:</td>
<td>13.2 lbs. (incl. Battery)</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>7.5x5.5x9.4”</td>
</tr>
</tbody>
</table>

RANGER FREE STYLE

Ranger Free Style (10259)
Item # ELEL10259 .............1389.95

RING FLASH

The RF 1500 Ranger-Free Style Ring Flash is the ultimate combination for "In" and "Out" door photography! Complete with 4-pole flashtube, it freezes movement with a 1/2600 s (to.5) @ full power. The 6.5” (2m) flash cable enables photographers to use it freehand (with the battery pack shouldered or in a backpack). Two camera adapters (1/4”, 3/8”) and the vertical height adjustment fit most camera systems and the internal Ringflash diameter of 120mm accepts a wide range of camera lenses.

Ringflash RF-1500 (20499)
Item # ELRRF1500 .............1207.95

FREE LITE S AND A HEADS

The dedicated Free Lite flashheads have the standard Elinchrom mount to be fully compatible with all studio accessories. The Auto-Off modeling lamp function is also controllable from the flashheads.

“S” SPECIFICATIONS

<p>| | |</p>
<table>
<thead>
<tr>
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<td>Watts:</td>
<td>2400</td>
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<tr>
<td>Flash Duration:</td>
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<tr>
<td>Modeling Lamp:</td>
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<tr>
<td>Weight:</td>
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<tr>
<td>Dimensions:</td>
<td>9.4 x 5.3”</td>
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“A” SPECIFICATIONS

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FREE LITE S

Free Lite S Universal (20100)
Suitable for general location and studio photography.
Item # ELEL20101 .............529.95

FREE LITE A

Free Lite A Rapid (20101)
For sports, fashion, etc. Action-stopping maximum power.
Item # ELEL20100 .............629.95

RANGER KIT

Ranger Kit (20660)
Includes: 1- EL10259 Power Pack 1- EL19290 Battery Holder w/Battery 1- EL20100 Free lite S Head w/100W Lamp, 1- EL11075 Sync Cord (16’) 1- EL19293 Rapid Charger 1- EL19289 Shoulder Strap.
Item # ELEL20660 .............2277.00

ACCESSORIES

Ranger Charger (19239)
The latest generation of charge units, this multi-voltage charger 115 V/ 230 V is complete with multi-socket adapters.
Item # ELCFS .............178.95

Battery Box (19290)
Complete with battery for approx, 100 flashes @ full power.
Item # ELBHB .............178.50

Battery Charge Indicator - The Free Style electronic monitors the low level charge to maximize battery life.

Charge Ready Beep
- Charge Ready Light/O pen Flash - Indicated by two bright LED’s!
- Battery Charge Indicator - The Free Style electronic monitors the low level charge to maximize battery life.
- Modeling Lamp - switches off automatically to conserve power
- Auto Off to save battery power and maximize flashes
- Retains all last settings even at auto switch off!

SPECIFICATIONS

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Item # ELEL20660 .............2277.00

ACCESSORIES

Ranger Charger (19239)
The latest generation of charge units, this multi-voltage charger 115 V/ 230 V is complete with multi-socket adapters.
Item # ELCFS .............178.95

Ranger Adapter Cable (11095)
This cable adapts EL standard flashheads to the Ranger pack (but the mains modeling lamp and fan will not function).
Item #ELFSELA .............139.50

Battery Box (19290)
Complete with battery for approx. 100 flashes @ full power.
Item #ELBHB .............178.50

Ranger Extension Cable (11096)
A 13’ (4m) extension cable only for Free Lite S and A flashheads.
Item #ELCF512 .............188.50

Free Land Bag (33186)
A heavy duty bag to carry one Free Style with accessories.
Item #EL33186 .............208.95

Equipment Leasing Available
The Porty Standard Head is fully integrated into the Hensel studio line and gives access to one of the largest accessory lines worldwide. Light weight and durable, the Porty Head is equipped with smart features: On-Off switch for the entire head, and a test release button. There are two modeling light switches, one for continuous operation, the second one for auto timer operation of the modeling light with auto shut off after 15 seconds.

Two sync sockets, standard phone jack and the sealed screw-in Hensel special sync socket are also integrated in the head. The plug-in oversized user replaceable flash tube can be exchanged independently from the protective glass dome. Glass domes are available in different coatings to adjust color temperatures as well as in clear and frosted for different light qualities. A universal heavy-duty umbrella holder with quick release for umbrellas up to a 1/2˝ shaft, rounds out this perfect on location head.

The plug-in flash tube is color corrected and can be easily exchanged within seconds without the use of tools. With the unique Hensel reflector exchange mechanism reflectors can be attached in any angle and simply locked into place with the snap of one lever. A 50W halogen modeling lamp allows precise previewing of your lighting. The new stand adapter allows tilting within 160°. The flash head handle is turnable about 180° after removing the retaining screws.

**SPECIFICATIONS**

- **Stored Energy:** 1200ws
- **Flash Duration:** 1/980 sec.
- **Number of Flashes:**
  - 100 Flashes at 1200ws or 200 Flashes at 600ws or 400 Flashes at 300ws
- **Recycle Time:**
  - 5.8 sec. @ 1200ws or 8.0 sec. @ minimum power
- **Output Adjustment:**
  - 1/10 f-stop increments / 6 f-stops adjustable
- **Output Distribution:** Symmetrical
- **Battery Pack:** 12V / 7Ah Lead Acid (gel-electrolyte)
- **Charging Duration:**
  - With quick charger - 2 Hours
- **Dimensions:** 8.25 L x 4.75 W x 10.675 H˝ (21x12x17cm)

**FEATURES**

- Battery/AC operated.
- Plug in AC power supply.
- Power output adjustable in 1/10 f-stop increments.
- Automatic power dumping for power reduction.
- Built-in Slave.
- Water resistant control panel with fluorescent touch buttons.
- Lead gel batteries with no memory effect.
- Fully charged battery is good for 100 flashes at full power, 3200 at minimum power.
- Batteries can be recharged inside or outside the power pack.

**PORTY 1200B**

Battery/AC operated power pack with 1200ws maximum power output and symmetrical power distribution. Batteries can be exchanged or replaced with AC power supply within seconds using the new developed battery drawer with quick release and handle for easy pull out. Power output is adjustable in 1/10 f-stop increments over a total range of 6 f-stops. Automatic power dumping for power reduction without triggering the unit. Built-in slave. Water resistant control panel with fluorescent touch buttons. Caps to seal sync sockets against water and dust. Provides safety even under tough outdoor conditions. Lead gel batteries with no memory effect. Batteries can be recharged with multi voltage quick charger within 2 hours. One battery charge is good for 100 flashes at full power or up to 3200 flashes at minimum power. Batteries can be recharged inside or outside of the power pack.

**PORTY 1200 HEAD**

EHT 1200 Porty Standard Head

The Porty Standard Head is fully integrated into the Hensel studio line and gives access to one of the largest accessory lines worldwide. Light weight and durable, the Porty Head is equipped with smart features: On-Off switch for the entire head, and a test release button. There are two modeling light switches, one for continuous operation, the second one for auto timer operation of the modeling light with auto shut off after 15 seconds.

Two sync sockets, standard phone jack and the sealed screw-in Hensel special sync socket are also integrated in the head. The plug-in oversized user replaceable flash tube can be exchanged independently from the protective glass dome. Glass domes are available in different coatings to adjust color temperatures as well as in clear and frosted for different light qualities. A universal heavy-duty umbrella holder with quick release for umbrellas up to a 1/2˝ shaft, rounds out this perfect on location head.

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**BILL OF MATERIALS**

- Item # HEEHT1200P
  -.......
  - 629.95

- Porty 1200B Power Pack
  - (495)
  - Item # HEP1200............
  - 2421.00

**PLUG-IN AC POWER SUPPLY**

With the new AC Power Adapter, now Porty goes studio! Within seconds the Porty converts into an AC powered pack by simply sliding the AC adapter into the unit instead of the battery drawer. Just connect an AC power cord and the Porty is ready to go. Whether on location or studio, battery or AC operated, with each Porty now you get two power packs in one!
Battery Quick Charger (567)
- Intelligent Microprocessor controlled multi voltage quick charger. Charges a completely drained battery in just 2 hours.
- Intelligent circuitry guarantees optimum battery life. After connecting a battery to the charger the charger checks the status of the battery. LED’s on the front panel show the battery status level of the battery to an optimized level.
- Batteries can stay connected to the charger at all times without the risk of overcharging. The charging unit automatically stops charging as soon as it detects that the battery is completely charged and starts to recharge it only in case the charging level drops below 100%.
- The charger can be operated with any voltage between 90 and 260V and is self sensing.
Item #HEBC ..................360.00

Battery Drawer with Battery (1496)
The fastest and easiest way to exchange batteries in a battery operated power pack ever. Batteries can now be exchanged by simply releasing one lever that securely locks the drawer in the pack and then pulling out the drawer. By sliding in another drawer with a fully charged battery the Porty is ready for another 100 full power flashes within less than 5 seconds!
Item #HEBDB ..................207.00

Battery Drawer without Battery (2496)
Same as 1496 but without pre installed battery. For use of older style batteries with the new Porty packs. The existing batteries can easily be installed in the drawer without any rewiring.
Item #HEBD ..................121.00

AC Power Supply for Porty (3496)
For new style Porty with battery drawer mechanism. Multi Voltage self sensing from 90-250V. Plugs into the side instead of the battery drawer. Uses computer standard power for world wide compatibility.
Item #HEACSP1200 ............964.00

Special Sync Cord for Porty (498)
15’ long special sync cord. Screw in connector for water and dust resistant connection. Can only be used with Porty 1200 Pack or EHT Porty Head. Standard scope of delivery with Porty 1200 Power Pack Code #495.
Item #HESC15P1200 ............49.00

Lead Gel Battery 12V/7Ah (496)
For old style Porty packs or as a replacement for batteries installed in the drawer of new packs. High power lead gel cell battery. No memory effect, so batteries can be recharged from any discharging level without loss of capacity. The battery is completely sealed and sales does not contain any liquid acid. This way it can be operated in any position as well as checked in as luggage for air travel.
Item #HEBPP1200 ............99.00

Sync Cord with Phone Jack
Standard sync cord with 6.3mm phono jack for use with all Hensel Power Packs. 15’ long. Can be used with Porty EHT head and Porty Compact.
Item #PAMLPC10 ............21.95

Porty Head Extension Cord (579)
9’ long to extend Porty Head cables. Head extension cables can be made in other lengths on special order.
Item #HEEC9.5 ............220.00

Starspot 1500P (188)
The little bundle of power. The only fresnel spot with a modeling light (50W) available for a battery operated system. Focusable in a range from 35° to 70°. Crisp and clear light for every situation. Super compact and extremely efficient. Accessories: Barn door 4-wing, filter holder, narrow snoot reflector, honeycomb holder, honeycombs (4 different sizes), adapter for projection attachment, light accent set and projection attachment with high quality wide angle lens.
Item #HES1500P ............1271.00

Ringlight RF 120P (341)
This unique high power ring light makes the Porty even more versatile on location and adds an amazing new dimension to on location lighting. With an inner diameter of 4.5 inches it can be operated with almost any camera system. The profile rail establishes a firm connection to the camera and gives perfect support for the camera. Because the camera is mounted on a 8” long sliding rail, which makes it possible to freely adjust the camera, the Hensel Ringlight is the only Ringlight which can be used with long tele lenses. The sync socket is built into the Ringlight so only a 12” short sync cord can be used. A 4-pin flash tube provides super short flash duration. For a softer light quality a frosted glass is available.
Item #HERLRF120P ............995.00

PORTY 1200 KIT
Kit includes:
- Porty power pack
- EHT Porty head
- “Quick” battery charger
- Additional battery with drawer
- Umbrella reflector
- Sync Cord (Special to the Porty)
- Shoulder Strap
- Flashtube
- Modeling Light
- 9.8 ft. (3 m) cable
- Clear Glass Protective Dome
- Protective Cap
- 2 Year Manufacturers Warranty
Item #HEP1200K ............1998.95
Short Snoot Reflector (793)
For hair and rim lights. Very focused light eliminates flare problems with the camera. Narrow coverage with sharp transition between, at the edge of the light circle.
Item # HERUF .....................74.95

Narrow Snoot Reflector (92)
Similar to 793 but narrower beam.
Item # HERNS ....................93.00

AC Soft Reflector White (56)
The classic beauty dish. Soft and warm indirect light for portrait, glamour and beauty work. 16.5 diameter. A grid for narrowing the beam is available as an accessory.
Item # HERACSW ..............137.00

AC Soft Reflector Silver (8061)
The classic beauty dish with a new look. The silver surface gives a much more brilliant light which creates soft shadows at the same time. Large coverage. Perfect for fashion beauty and product shots for amazing color saturation.
Item # HERACSS ...............179.00

Umbrella Flood Reflector (87)
Gets the highest efficiency out of umbrellas without spilling light to the sides. Large but very controlled coverage. Because of this it can also be used as a wide angle reflector for direct illumination or indirect bouncing light from ceilings or walls.
Item # HERUF ..................47.95

Backlight Reflector (156)
Item # HERBL ..................138.95

Long Horn Reflector Silver (5050)
The reflector with the narrowest beam and the highest efficiency. Coverage is approx. 30°. Throws light evenly over longest distances. Strong hotspot to the center creates hard light for brilliant high-light with long sharp shadows. Accessories available are a frame to hold barndoors and filter holders. These reflectors are also available with white inner surfaces for a warmer softer light quality.
Item # HERLH ..................70.00

7˝ Reflector (504)
Compact and handy with even light distribution. Medium coverage of approx. 70°. With clip in 7 inch grids (fits most manufacturers 7˝ grids) beam is adjustable from 10 to 40°. With the adapter frame the grid reflector can be used with barn doors and filter gels which can be attached with the filter holder.
Item # HER7 ...................69.00

9˝ Reflector Medium (5061)
A real standard reflector for universal use with a medium coverage of approx. 50° and slight hotspot to the center. A large variety of accessories gives maximum control over the light. Accessories available are a frame to hold filters, square grids and barndoors. Filter gels can be changed with the filter holders without detaching barndoors or grids.
Item # HER950M ................69.00

9˝ Reflector Large 30° (5062)
Reflector with 9˝ diameter. Has a narrow beam, and takes round 9˝ grids. Very even with smooth falloff to the edges.
Item # HER930L ................83.00

9˝ Reflector Set Only (5064)
Consists of: 1-Reflector small, medium, and large.
Item # HER95 ..................180.00

12˝ Maxi Soft Reflector Silver (9601)
Larger than standard reflector with medium to narrow beam of approx. 50°. and stronger hotspot to the center. Very efficient. Same accessories as standard reflector only larger to fit the 11.5˝ diameter of this reflector.
Item # HER12 ..................89.00

9˝ Reflector Small 70° (5060)
Reflector with 9˝ diameter. Has a wide beam, and takes round 9˝ grids. Very even with smooth falloff to the edges.
Item # HER970S ................74.95

ACCESSORIES

Adapter (5043)
For use with 504 7˝ Grid Reflector Required to attach barndoors and filter holder.
Item # HEAR7 ..................86.00

Adapter Attachment Frame (5053)
For use with 5050 Long Horn Reflector Required to attach barndoors and filter holder.
Item # HEARLH ................50.00

Filter Holder (5042)
For use with 5043 adapter and 50 7˝ grid reflector.
Item # HEFHR7 ................26.00

Filter Holder (296)
For use with 112 Basic Frame.
Item # HEFHR12 ................38.00

Filter Holder (5052)
For use with 5053 Attachment Frame and 5050 Long Horn Reflector.
Item # HEFHLH ................21.00

Filter Holder (91)
For use with 90 Basic Frame with Filter Holder.
Item # HEFHR9 ..................39.00

Basic Frame with 1 Filter Holder (112)
For use with 9061 12˝ Reflector.
Item # HEFRR12 ................117.00

Basic Frame with 1 Filter Holder (90)
For use with all 9˝ Reflectors. Required for attaching Filter Holder, Honeycomb Grid Holder and Barn Doors.
Item # HEFRR9 ..................103.00

Color and Diffusion Filter Set (179)
Heat resistant set of 6 color and 4 diffusion filters for use with 12˝ Reflector.
Item # ECDFSR12 ...............103.00

Color and Diffusion Filter Set (712)
Heat resistant set of 6 color and 4 diffusion filters for use with all 9˝ Reflectors.
Item # ECDFSR9 ................53.00
HENSEL
ACCESSORIES

ROUND 9" GRIDS

9" Reflector Set w/ 4
Honeycomb Grids (5063)
Consists of:
4 honeycombs 10 to 40°.
Item # HEG9S .................. $393.00
Round 9" Grid 10° (5066)
Item # HEG910 ................. $54.00
Round 9" Grid 20° (5067)
Item # HEG920 ............... $54.00
Round 9" Grid 30° (5068)
Item # HEG930 ............... $54.00
Round 9" Grid 40° (5069)
Item # HEG940 ............... $54.00

HONEYCOMB GRIDS

Grid - Size 1 Black (5281)
Grid for 12" Reflector.
Item # HEG3USR12 ............ $74.00
Grid - Size 2 Black (5282)
Grid for 12" Reflector.
Item # HEG2USR12 ............ $74.00
Grid - Size 3 Black (5283)
Grid for 12" Reflector.
Item # HEG3BLR12 ............ $74.00
Grid - Size 4 Black (5284)
Grid for 12" Reflector.
Item # HEG4BLR12 ............ $74.00
Honeycomb Grid Set for 9" Reflectors (50)
Set of 6 square grids with holder.
Item # HEG9SR7 ............... $138.95

BARDOORS

4-Wing Barndoor (5041)
For 7" reflector.
Item # HEBD4R7 .......... $69.95
4-Wing Barndoor (97)
For 12" reflector.
Item # HEBD4R12 .......... $87.00
4-Wing Barndoor (5051)
For Long Horn reflector.
Item # HEBD4RLH .......... $86.00
4-Wing Barndoor (173)
For 9" reflector.
Item # HEBD4R9 .......... $114.95

SOFTBOXES

Octoform Lightbox Silver 3x3' without Adapter (4000090)
Item # HEOFLOBS3 .......... $321.00
Octoform Lightbox Silver 5x5' without Adapter (4000150)
Item # HEOFLOBS5 .......... $393.00
Adapter, Contra and Porty for Octoform boxes (4000300)
Item # HESRL8 ........... $60.00

FLASH TUBES, MODEL LAMPS AND GLASS DOMES

Spare Flashtube f/Integra (9450401)
User replaceable. UV coated.
Item # HEFTUV150 .......... $56.00
Spare Flashtube for EHT Porty Plug-In (9449951)
User exchangeable. Plugs in without the use of any tools.
Item # HEMFTETP .......... $136.00
Spare Flashtube for EH Head (9449920)
For EH 1200C Head.
Item # HEMFTEH1200 .......... $107.00
Spare Flashtube for EH Head (9449910)
For EH 1200C Head. Old style.
Item # HEMFTEH1200 .......... $120.00
300W Lamp for Integra (1001762)
Item # HEMLIC .............. $19.95
50W Modeling Lamp for Porty Heads (185)
Item # HEMLEHTP .......... $12.95
Glass Dome f/EHT Heads (9454640)
White frosted, coated. Softer warmer than clear dome.
Item # HEDFEHTP .......... $97.00
Glass Dome f/EHT Heads (9454641)
Item # HEDCEHTP .......... $97.00
Glass Dome f/EHT Heads (9454642)
Clear coat, approx 600K warmer than uncoated clear dome.
Item # HEDC300EHTP ........ $97.00
Glass Dome f/EHT Heads (9454643)
White frosted, coated. Softer warmer than clear dome.
Item # HEDFEHTP .......... $97.00
Glass Dome f/EHT Heads (9454644)
White frosted, coated. Softer warmer than clear dome.
Item # HEDF300EHTP ........ $97.00
Glass Dome f/EHT Heads (9454645)
White frosted, coated. Softer warmer than clear dome. Approx 600K warmer than uncoated frosted dome.
Item # HEDF600EHTP ....... $97.00
There are two types of power packs, 200 w/s or 400 w/s. Both power levels offer various styles of packs differing in recycling speed and features. All power packs are equally versatile and can be combined with other modules to enhance performance should your needs change, or if you require special performance. All power packs require a flash head, a battery and a charger. Power packs can be powered from an AC power supply or vehicle adapter. Each of the power packs has these basic features:

- Powers 1 head at the set power or 2 flash heads symmetrically
- Has 100% Recycle Indicator; lights during recycling, goes out at 100%
- Includes a reversible shoulder strap, and has D-Rings riveted on the pack
- Threaded inserts for a belt clip or accessory
- Power and flexibility can be increased with booster modules
- Recycling time can be reduced with high speed modules.

### 065 SERIES 200 W/S POWER PACKS

200 w/s power packs have three settings, 50 w/s, 100 w/s and 200 w/s. The 200 w/s power packs will cause the ready light on the head to blink differently at different power settings. There is a switchable recycle rate to save power.

**200 w/s Power Pack with LBW (065L)**
Has a low battery warning indicator light that glows during the recycle to warn you before the battery runs down. Has a 2.5 second recycle time at full power.  
Item # LU065L .................. 484.95

**200 w/s Ultra Fast Power Pack (065Z)**
Twice as fast as the “X, L, or Q” packs and other portable flashes of equal power with a 1.3 second recycle time. Note: Must use regular battery 025C or larger. Weighs 2.6 lbs. (1.2kg).  
Item # LU065Z .................. 519.95

### 067 SERIES 400 W/S POWER PACKS

400 w/s power packs have four settings, 50 w/s, 100 w/s, 200 w/s, and 400 w/s. The 400 w/s power packs are smaller and lighter than adding a booster to a 200 w/s pack. Each of the 400 w/s packs have a fixed recycle built in. These are popular for those who want to use light modifiers or match bright sunlit backgrounds. All 400 w/s packs are 6 x 3 x 7.4” (15.2x7.6x18.8cm).

**400 w/s Fast Power Pack (067X)**
Has a 5 second recycle at 400 w/s and 2.5 seconds at 200 w/s. This is the least expensive 400 w/s pack available. It has all the power and flexibility most photographers ever need in one pack. Weight 2.9 lbs. (1.3kg).  
Item # LU067X .................. 426.95

**400 w/s Ultra Fast Power Pack with LBW (067L)**
Low battery warning is an indicator light that glows during the recycling to warn you before the battery runs down. Has a 5 second recycle time at 400 w/s, and 2.5 seconds at 200 w/s. Weight 2.9 lbs. (1.3kg).  
Item # LU067L .................. 599.95

**400 w/s QFX Fast Power Pack with LBW (067Q)**
One head jack directly accepts the Quantum QFX head, and the other is stock Lumedyne. Has low battery warning like the 065L, and a 2.5 second recycle time. Weighs 2.3 lbs. (1.1kg).  
Item # LU067Q .................. 644.95

**400 w/s QFX Fast Pack with LBW (067Q)**
One head jack directly accepts the Quantum QFX head, and the other is stock Lumedyne. Has low battery warning like the 065L, and a 2.5 second recycle time. Weighs 2.3 lbs. (1.1kg).  
Item # LU067Q .................. 644.95

**400 w/s Ultra Fast Power Pack (067Z)**
Twice as fast as the “X, L, or Q” packs and other portable flashes of equal power with a 1.3 second recycle time at 400 w/s, and 2.5 seconds at 200 w/s. Must use regular battery #025C or larger. Weighs 3.2 lbs. (1.5kg).  
Item # LU067Z .................. 619.95
CLASSIC FLASH HEADS

There are two types of flash heads, with or without a modeling light. All flash heads have a user replaceable flashtube rated to at least 800 w/s. The electronics inside any of the heads can handle up to 2400 w/s. All heads have a 1/4-20 mount, a household (twin blade) sync jack, ready light and a test fire button. Heads are available with a built in straight or coiled cable. Modular heads are sold separately from the necessary modular cables. Heads connected to the system fire together when one head is triggered. Each head includes: A removable 4 3/8˝ (12.4cm) hammer dimple/two position reflector, snoot, two diffusers and two guide cards. With 4-7´ (11.7cm) cable with plug for power packs. Weight 0.9 lb. (0.4kg). Dimensions 2.9˝L x 2.8˝D (7.4x7.1cm).

800 w/s UV Straight Cord Standard Head (001V)
Item # LU001V .................. 164.95

2400 w/s Quartz Straight Cord Standard Head (001Q)
Item # LU001Q .................. 289.95

800 w/s UV Straight Cord Modeling Head (003V)
Item # LU003V .................. 204.95

2400 w/s Quartz Straight Cord Modeling Head (003Q)
Item # LU003Q .................. 334.50

800 w/s UV Tinted Flashtube for Modeling Head (AFTE)
The same as the 093 with a yellow UV coating on the glass dome.
LU093V .......................... 43.95

2400 w/s Quartz Flashtube for Modeling Head (AFTQ)
Fits any head and handles up to 2400 w/s – Quartz helix can handle the extreme power and heat and is protected with a wrap around UV tinted dome.
Item # LU093Q .......................... 159.95

Bulb for Modeling Heads (AMBR)
A separate small glowing bulb mounted in the center of the Flashtubes. About 25W output.
Item # LU095 .................. 9.95

800 w/s UV Tinted Flashtube for Standard Head (AFSE)
Same as the 097 with a UV tinted dome.
Item # LU097V .................. 46.80

2400 w/s Quartz Flashtube for Standard Head (AFSQ)
Has a quartz tube with a UV tinted dome.
Item # LU097Q .................. 146.50
SIGNATURE POWER PACKS

The new Lumedyne Signature Series power packs are the natural evolution of the existing Lumedyne system. Modules like boosters and high speed modules are still completely compatible. Lumedyne heads can be powered up to 2400ws limited only by your choice of the 800ws or 2400ws flash tube. Adapters are available to run the Quantum Q-flash X(2) up to 400ws. Existing heads plug directly in while new Signature Series heads use an extension cord or head cable to plug in. All of the Signature Series packs offer seven f-stops of manual control and have a battery gauge. The very low power settings help with faster film speeds and confined spaces, plus they save battery power. All of the new packs use extra bright LED’s to show power and battery levels. Signature Series power packs, flash heads and other Signature Series modules include a standard two year warranty. All of the new equipment is designed to withstand everyday use on location, including the nasty elements like getting caught in the rain. While it’s not recommended that you continue shooting in a downpour, your Lumedyne can handle getting wet better than most of your other photo gear. Lumedynes are not waterproof but they are splash and rain resistant. Packs are available in 200ws or 400ws. They are either basic or deluxe packs and they can be purchased with fast or “x-tra” fast recycling. All together there are eight new power packs. These can be purchased individually or some are sold as part of a kit.

BASIC PACKS

The Basic packs offer a four light battery gauge and seven f-stops of manual control through one or two flash heads. They are straightforward and simple to operate with one main control and an on/off button for the battery gauge. These packs work great for manual exposures or can be teamed up with an auto module for automatic f-stop selection.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>200ws Fast Power Pack (P2BF)</td>
<td>Item # LUP2BF</td>
<td>519.95</td>
</tr>
<tr>
<td>200ws X-Tra Fast Power Pack (P2BX)</td>
<td>Item # LUP2BX</td>
<td>598.95</td>
</tr>
</tbody>
</table>

DELUXE PACKS

The Deluxe packs offer the same versatility with a seven light battery gauge and a TTL setting with optional audible confirmation. TTL is accomplished by using Metz brand SCA TTL adapters plugged into a Deluxe flash head. The Deluxe packs also offer a manual trim control to go variably down to the next manual f-stop. One or two flash heads may be used in manual or TTL without needing extra adapters. TTL functions up to 2400ws with boosters added.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>200ws Fast Power Pack (P2LF)</td>
<td>Item # LUP2LF</td>
<td>629.95</td>
</tr>
<tr>
<td>200ws X-Tra Fast Power Pack (P2LX)</td>
<td>Item # LUP2LX</td>
<td>698.95</td>
</tr>
<tr>
<td>400ws Fast Power Pack (P4LF)</td>
<td>Item # LUP4LF</td>
<td>778.95</td>
</tr>
<tr>
<td>400ws X-Tra Fast Power Pack (P4LX)</td>
<td>Item # LUP4LX</td>
<td>819.95</td>
</tr>
</tbody>
</table>

SIGNATURE FLASH HEADS

The new Lumedyne Signature Series flash heads are designed around 30 years of suggestions heard from those using them. The head is always right in the middle of the action. Whether on a bracket or a stand it needs to be strong and secure. Signature Series flash heads are strong enough to support large softboxes, yet light enough to be hand carried on a bracket. The new flash heads are packaged in a new durable square design. They are as weather resistant as any open reflector head. They have a green ready light next to the the test fire button to show when it's ready. Signature Series flash heads carry a two-year warranty. The head cable is sold separately. A Lumedyne extension cable must be used to connect the head to the power pack. New HC cables or those sold within the last year with a red velcro cable tie are TTL compatible. Cables made before that time will work but do not provide TTL. Cables are available in lengths of five foot, ten foot, or twenty foot straight cords or a 3-7 foot coiled cord. Lumedyne Signature Series heads can be powered up to 2400ws limited only by the 800ws or 2400ws flash tube. All of the electronics are able to withstand the maximum use so therefore are very reliable when used at typical power levels. Sync through either the H-plug or mini phono sync jack. Extra help for focusing in the dark and visualizing shadows or reflections is provided with a modeling light in every head. An indicator on the back of the head will illuminate when the modeling light is on. The modeling light uses a simple on/off button.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>800W Basic Flash Head (HEBC)</td>
<td>Item # LUHEBC</td>
<td>179.95</td>
</tr>
<tr>
<td>800W Deluxe Flash Head (HEDQ)</td>
<td>Item # LUHEDQ</td>
<td>249.95</td>
</tr>
</tbody>
</table>
**LUMEDYNE**

**MODULES / CABLES / BATTERIES**

**AUTO CONTROL MODULES AND MODULAR CABLES**
- The ACM’s have a built in auto light sensor for automatic exposures
- There are seven (7) full f-stop automatic settings and seven (7) full f-stop manual settings
- Trim control reduces the power 100% variably down to the next setting for auto and manual
- Simple to use and can handle up to 2400 w/s in auto or full power modes, manual 3 w/s-200 w/s
- Because the ACM is separate from the head, you may choose unlimited mounting options
- ACM’s need: A modular flash head, “A” cable and “P” cable plus a pack, battery and charger
- Weight of ACM 0.9 lb. (0.4kg). Dimensions 3.7 x 3 x 3.2” (9.4x7.6x8.1cm).

**15° Spot Auto Control Module (007S)**
Item # LU007S.......................................................... 187.00

**“A” CABLES—From Auto Control Module to Modular Head**

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Length</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>18” (45.7cm) Modular Cable</td>
<td>(031A)</td>
<td>LU031A</td>
<td>18.70</td>
</tr>
<tr>
<td>20’ (6.1m) Modular Cable</td>
<td>(032A)</td>
<td>LU032A</td>
<td>44.95</td>
</tr>
<tr>
<td>3’ (0.9m) Modular Cable</td>
<td>(033A)</td>
<td>LU033A</td>
<td>24.95</td>
</tr>
<tr>
<td>4-7’ (1.2-2.1m) Coiled Modular Cable</td>
<td>(035A)</td>
<td>LU035A</td>
<td>39.00</td>
</tr>
</tbody>
</table>

**“P” CABLES—From Power Pack to Modular Head or Auto Control Module**

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Length</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’ (6.1m) Power Cable</td>
<td>(032P)</td>
<td>LU032P</td>
<td>38.95</td>
</tr>
<tr>
<td>5’ (1.5m) Power Cable</td>
<td>(034P)</td>
<td>LU034P</td>
<td>35.00</td>
</tr>
<tr>
<td>Coiled Power Cable</td>
<td>(035P)</td>
<td>LU035P</td>
<td>46.80</td>
</tr>
<tr>
<td>10’ (3.0m) Power Cable</td>
<td>(036P)</td>
<td>LU036P</td>
<td>44.95</td>
</tr>
</tbody>
</table>

**BATTERIES**
- Lumedyne offers four different sizes of batteries
- All of the batteries carry a seven-year pro-rated performance guarantee
- There is no fear of memory with these batteries so you do not have to:
  - Deliberately run them all the way down or use a special charger to condition the batteries
  - Worry about fully discharging them, immediately recharging them if you do or overcharging
- Batteries are proportional in size, weight, performance and cost
- The PEPI protects the battery and gives you a full charge indication while on charge
- Empty Kompartments for your cells are available by putting a “K” in the catalog number (ie., #026K)

**024C**
Provides 100 flashes @ 200 w/s
Takes 6 hours to trickle charge and 3 hours to quick charge.
Weight 1.5 lbs. (.68kg).
Dimensions 1.5 x 3 x 7” (3.8x7.6x17cm).
Mini Battery with PEPI Charge Control (BSML)
Item # LU024C............. 104.95
Kompartment f/Mini Battery (BCLM)
Item # LU024K............. 28.95

**025C**
Provides 200 flashes @ 200 w/s
Takes 12 hours to trickle charge and 6 hours to quick charge.
Weight 2.5 lbs. (1.1kg).
Dimensions 2.2 x 3 x 7” (5.6x7.6x17.8cm).
Regular Battery with PEPI Charge Control (BMED)
Item # LU025C............. 154.95

**026C**
Provides 300 flashes @ 200 w/s
Takes 18 hours to trickle charge and 9 hours to quick charge.
Weight 3.5 lbs. (1.6kg).
Dimensions 3 x 3 x 7” (7.6x7.6x17.8cm).
Super Battery with PEPI Charge Control (026C)
Item # LU026C............. 273.00
Kompartment f/Super Battery (BCLG)
Item # LU026K............. 29.95

**028C**
Provides 600 flashes @ 200 w/s & has special connectors for #054Z.
There is no trickle charge & quick charge is 18 hrs. Weight 6.8 lbs. (3.1kg).
Dimensions 5.7 x 3 x 7” (14.5x7.6x17.8cm).
Ultra Battery with PEPI Charge Control (028C)
Item # LU028C............. 507.00
Kompartment f/Ultra Battery (BCLL)
Item # LU028K............. 29.95
### CHARGERS

All of the chargers shown here are US voltage and plug. There are some worldwide versions with a switch to change from 120V to 240V, so that only plug adapters are used. There are also chargers and AC power supplies made for export with a European plug.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>LU011</td>
<td>Single Trickle Charger (CT1U)</td>
<td>18.72</td>
</tr>
<tr>
<td>LU016</td>
<td>Single Quick Charger (CQ1U)</td>
<td>28.08</td>
</tr>
<tr>
<td>LU017</td>
<td>Quick Trickle Charger (CQ2U)</td>
<td>54.60</td>
</tr>
<tr>
<td>LU018</td>
<td>Ultra Charger (CU1U)</td>
<td>94.95</td>
</tr>
<tr>
<td>LU013</td>
<td>Vehicle Quick Charger &amp; Power Supply (CQ2V)</td>
<td>94.95</td>
</tr>
<tr>
<td>LU014</td>
<td>Single Trickle Charger (CT1U)</td>
<td>18.72</td>
</tr>
<tr>
<td>LU011W</td>
<td>US/Global Quick Trickle Charger (CQ2W)</td>
<td>66.64</td>
</tr>
<tr>
<td>LU018W</td>
<td>US/Global Ultra Charger (CU1W)</td>
<td>117.00</td>
</tr>
</tbody>
</table>

### GLOBAL CHARGERS

These units are available with US or Euro style plugs on the cable, and have a switch to operate from 110-120V or 220-240V. US type units have a "W" in the Cat. number and cost slightly more than the non-"W" types.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>LU011W</td>
<td>Export/Global Quick Trickle Charger (E1TW)</td>
<td>63.50</td>
</tr>
<tr>
<td>LU017W</td>
<td>Export/Global Ultra Charger (E2TW)</td>
<td>63.50</td>
</tr>
</tbody>
</table>

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
AC POWER SUPPLIES

AC power supplies replace the battery on the bottom of any power pack system and creates an effective compact studio flash running off the wall instead of battery. AC supplies do NOT run faster with high speed modules, instead choose the recycling time you desire. The 058M will power one modeling light continuously, the 058X and 058H require the addition of the 058L AC modeling light adapter in order to power modeling lights. Note: The 058X and 058H alone will work with modeling light heads but will not light the modeling bulb in the center of the flash tube.

AC power supplies will slow down automatically if they are getting too hot, a small fan may be used to keep the AC Supply cooler and extend its abilities. An AC power supply can serve as a battery backup on location when near a wall outlet. AC power supplies are available in worldwide and export models.

**AC Power Supply (XABU)**
Provides the standard fast recycle of an “X” pack, and will power up to 3 modeling lights. Dimensions 5.3” H (13.5cm), and weighs 7 lbs. (3.2kg).

Item # LU058M .................. 169.95

**AC Quick Power Supply (058Q)**
Recycles your system twice as fast as the “X” packs, and will power one modeling light at a time. Dimensions 5.3” H (13.5cm), and weighs 7 lbs. (3.2kg).

Item # LU058Q .................. 174.95

**AC Fast Power Supply (058H)**
Recycles your system three times faster than the standard “X” pack recycle time. NO power for the modeling bulb in a modeling head. Dimensions 5.3” H (13.5cm), and weighs 7 lbs. (3.2kg).

Item # LU058H .................. 174.50

**Global AC Power Supply (3 Modeling) (XABW)**
H as the US type plug, switchable from 120-240V.

Item # LUW58M ............... 199.95

**Global AC 4-Modeling Light Adapter (W58L)**
H as the US type plug, switchable from 120-240V.

Item # LUW58L ............... 149.95

**Global AC Fast Power Supply (1 Modeling) (W58Q)**
H as the US type plug, switchable from 120-240V.

Item # LUW58Q ............... 169.95

**Global AC Power Supply Mini Module (W58X)**
H as the US type plug, switchable from 120-240V.

Item # LUW58X ............... 168.00

VEHICLE INTERFACES

- Vehicle Interfaces replace the battery on the bottom of any system (Power Pack or Cycler).
- The fuse in line with a typical cigarette lighter will not allow the use of high speed modules. However, if you connect a cigarette lighter socket (available in many retail outlets) directly to the vehicle battery you will be able to run from the battery without significant restrictions.
- Works with any 12 volt (negative ground) vehicle or battery
- The Battery Kompartment holds the vehicle battery and directly powers up to two (2) systems
- As long as the lighter socket is getting power, the vehicle does not need to be running

**039**
Provides power to run any Lumedyne system. Includes 20’ (6m) cable to plug into cigarette lighter socket. Indicator light shows it is connected properly and is getting power. Weight 1 lb. (0.45kg). Dimensions 2.3 x 3 x 7” (5.8x7.6x17.8cm).

Vehicle Power Interface (039)

Item # LU039 ................. 62.95

**029K**
Holds a car or marine battery and runs one or two systems. Works with all accessories including boosters and high speed modules. Great for going on location when you want a lot of flashes.

Vehicle Battery Kompartment (029K)

Item # LU029K ............. 87.50

**013**
Will quick charge (Ultra Rate) one battery or trickle charge two batteries. Provides power to run any Lumedyne system. Can power system and charge batteries at the same time. Includes 10’ (3m) cable to plug into cigarette lighter socket. Indicator light shows it is connected properly and is getting power. Weight 3 lbs. (1.4kg). Dimensions 3.5 x 3 x 7” (8.9x7.6x17cm).

Vehicle Quick Charger and Interface (013)

Item # LU013 .................. 102.95
**Booster Modules**

Boosters add power to power packs. They contain extra capacitors to increase the total watt/seconds available. When you double the w/s you gain one f-stop (200 w/s to 400 w/s or 800 w/s to 1600 w/s) and get half as many flashes per charge. Boosters only affect the highest setting on a power pack. While boosters require a power pack to run from a battery, control boosters will run by themselves on an AC power supply. Over 800 w/s through one head requires a 2400 w/s quartz flash tube.

**071A**

H as a boost and off switch. Can add 200 w/s to the power pack or booster above. Stackable up to 2400 w/s. This is the smallest, lightest, easiest and least expensive way to add an f-stop to a 200 w/s power pack. Weight 1.5 lbs. (.68kg). Dimensions 2.8 x 3 x 7.4” (7.1x7.6x18.8cm).

200 w/s Booster (071A)
Item # LU071A ........................171.00

**072**

Extra head jack can be used (as) symmetrically in conjunction with the power pack and other boosters. Three position switch to send boost up or use 100 w/s or 200 w/s from its own head jack (both turn boost off). Now stackable up to 2400 w/s, since 1997. Weight 1.5 lbs. (.68kg). Dimensions 3.5 x 3 x 7.4” (8.9x7.6x18.8cm).

200 w/s Control Booster (X2DL)
Item # LU072 .........................198.95

**073**

Boost 400 w/s / off / boost 200 w/s switch. Can add 200 w/s or 400 w/s to the pack or booster above. Stackable up to 2400 w/s. This is the smallest, lightest, easiest and least expensive way to add an f-stop to a 400 w/s power pack system. Weight 2.3 lbs. (1kg). Dimensions 3.5x3x7.4” (8.9x7.6x18.8cm).

400 w/s Booster (X4BC)
Item # LU073 ....................289.95

**074**

Two individually controlled head jacks (one on back). Two internal 200 w/s sections can be used separately or combined together for boosting and adding heads. Stackable up to 2400 w/s. This is the top of the line for power and flexibility. Weight 2.6 lbs. (1.2kg). Dimensions 4.5 x 3 x 7.4” (11.4x7.6x18.8cm).

400 w/s Deluxe Control Booster (X4DL)
Item # LU074 ....................339.95

**High Speed Modules**

High Speed Modules allow you to make the recycling times faster than any other brand of portable flashes at any power level offered.

**054X**

50% Faster than older HSMs made a few years ago. One can run from a super or ultra battery. Recycles more than twice as fast as most packs alone. Two 054Xs can be combined with an Ultra Battery for the same recycling times as the 054Z unit. Weight 1.1 lbs. (0.5kg). Dimensions 2.5 x 3 x 7.4” (6.4x7.6x18.8cm).

High Speed Module (XSMF)
Item # LU054X ....................152.95

**054Z**

This unit is twice as fast as the 054X. Special connectors to handle the high current necessary for this amazing recycling rate will only fit the current style (028/C Ultra Battery) or (029K). This is strongly recommended for anyone who really plans to push the equipment hard. Weight 1.7 lbs. (0.77kg) Dimensions 2.5 x 3 x 7.4” (6.4x7.6x18.8cm).

Ultra Speed Module (054Z)
Item # LU054Z .....................307.95
MISC. ACCESSORIES

Accommodation Kit (ASPK)
A handy collection of small items often lost or broken like switch and jack covers, screws, rubber feet, jewels, etc.
Item # LU075 .......... 18.95

Snoot (ASNT)
Same as included with each head, provides a spot of light for a hair light, background kicker or special effect lighting.
Item # LU080 .......... 5.95

Dense Diffuser Cover (ADC2)
Softens (diffuse) the light more than the 082, yet loses nearly an f-stop.
Item # LU082D .......... 0.95

Light Globe (ADG4)
Diffuses light over the widest possible area (over 300°) like a bare bulb, but directs more light forward with gradually less reaching the foreground when used with a reflector, or may be used over a bare bulb for even diffusion. The light output will be two f-stops lower either way.
Item # LUADG4 .......... 18.95

Shoulder Strap with Clips (ASTP)
As included with all packs.
Item # LU092 .......... 9.50

80/95° Extra Wide Angle Reflector (ARWD)
Fits all flash heads for wide angle applications.
Item # LU091W .......... 22.62

Reflector for All Heads (ARST)
The same two position reflector included with every head.
Item # LU091 .......... 18.95

Sync Filter (Super Sensitive) (AESP)
Plugs into a flash at the household (H type) sync jack and limits the voltage presented to the camera to 6 1/2 volts. This is very important for some digital cameras, some traditional cameras will also benefit from the lower sync voltage.
Item # LU088 .......... 58.50

Chimera/Photoflex/Westcott Box Adapter (ASBA)
Complete ring and neck flange needed to use a soft box with Lumedyne heads (Quantum too).
Item # LU094P .......... 46.95

Reflector Adapter (ANEC)
Fits all the heads and allows you to make anything into a reflector.
Item # LU096 .......... 12.95

Accessory Adapters are all flat plates that attach to the rim of the reflector. Then the accessories mount to the flat plastic plate.

Elinchrom Accessory Adapter (ARAF)
Holds the Elinchrom Accessory Plate for barndoors, gels, and grid spots, not for snoot.
Item # LU083E .......... 18.95

Photogenic Accessory Adapter (ARAP)
Photogenic Accessory Plate for grids and gels, holds the barndoors & snoot directly.
Item # LU083P .......... 18.95

Novatron Accessory Adapter (ARAV)
Holds the barndoors, snoot, gel holder and grids directly.
Item # LU083V .......... 18.95

Speedotron 7" Accessory Adapter (ARAS)
Holds the 7" barndoors, gel holder, diffusers and snoot from Speedotron and other companies.
Item # LU083s .......... 18.95

White Lightning Accessory Adapter (ARAW)
Holds the Accessory Plate for grids, barndoors, snoot and gel holder.
Item # LU083W .......... 14.95
**SYNC CORDS AND EXTENSION CORDS**

**Sync Cords**
Sync Cords have the “H” style plug “household” connection at one end and a standard PC connection at the camera end.

**Straight 15’ (5m) Sync Cord (030F)**
A durable and lightweight cable for direct sync connection to an off-camera flash.

Item # LU030F ................ 33.50

**Coiled Sync Cord (030)**
A heavy duty sync cable that stretches from 2’ (0.67m) to 5’ (1.5m) and fits most cameras.

Item # LU030 ................... 26.50

**Pencil Light Adapter (037)**
Flashtube extension cord that places the flashtube about 5’ (1.5m) from the head for placement in very confined areas.

Item # LU037 .................... 58.95

**Extension Cords**
Extension Cords extend the head’s cable by up to 20’ (6m). The cords have a very low line loss of a 1/4 f-stop at 20’ (6m) or less with shorter cables.

**Straight 20´ (6m) Extension Cord (HC20)**
Item # LU032 .................. 54.95

**Straight 5´ (1.5m) Extension Cord (034)**
Item # LU034 .................. 46.80

**Coiled 3-8´ (1-2.5m) Extension Cord (HCCO)**
Item # LU035 .................. 57.95

**Straight 10´ (3m) Extension Cord (HC10)**
Item # LU036 .................. 49.95

**Controlled “M” Extension Cords**
Controlled “M” Extension Cords add the additional length to the head’s cable and have a mountable box near the pack that includes a sync jack, test button and an on/off modeling control switch.

**Controlled 20´ (6m) Straight Extension Cord (032M)**
Item # LU032M ................. 76.95

**Controlled 5´ (1.5m) Straight Extension Cord (034M)**
Item # LU034M ................. 69.95

**Controlled 3-8´ (1-2.5m) Coiled Extension Cord (035M)**
Item # LU035M ................. 89.50

**Controlled 10´ (3m) Straight Extension Cord (036M)**
Item # LU036M ................. 69.50

**Mounting Accessories**

**6” Post (ATP6)**
H as a 1½” diameter and a 1/4-20 threaded socket at the bottom. Using this with a flash head resembles a handle mount flash.

Item # LUATP6 ................. 17.95

**3” Post (ATP3)**

Item # LU041 .................. 17.95

**Swivel/Tilt Adapter (ASVL)**
Has adjustable stops allowing 200° of swing between the user definable points. Includes 1/4-20 hardware.

Item # LU045 .................. 22.95

**Shoe 1/4-20 Threaded (043S)**
For bracket mounting from the bottom with included 1/4-20 bolt.

Item # LU043S ................. 7.50

**Shoe For Auto Module (043A)**

Item # LU043A ................ 5.95

**Pro Light Stand and Umbrella Fitting (AHUA)**
Includes male and female brass inserts to fit almost anything. It tilts to adjust the angle and accepts all umbrellas at an angle that insures correct head alignment.

Item # LU047P .................. 35.95

**Pack to Stand Adapter (APS8)**
Accepts the Lumedyne belt clip #BKIT (one included) allowing a Cycler or Pack to be quickly slipped on to a light stand or tripod.

Item # LUWAPS8 ............... 13.95
P200C/P400B POWER SUPPLIES

The P200C and P400B are the highest quality 200 w/s and 400 w/s flash power supplies on today's market. Its all-aluminum housing is rugged and compact and it can be worn either over-the-shoulder or around the waist.

FEATURES

■ Flash outputs are digitally adjusted in 1/10th-stop increments over a 6-stop range (5-stops plus full)
■ Three power levels ■ Quick recycling
■ Voltage stabilized output ■ Quick-change battery
■ Heavy-duty industrial lamphead connector
■ Low-battery light that warns the photographer when about 10 full power flashes are remaining.

P200C

![P200C Image]

P400B

![P400B Image]

SPECIFICATIONS

Output: 200 w/s
Recycle Time: 1.5 sec.
Flashes Per Charge: 190+
Weight: 3.75 lbs. (1.7kg)
Dimensions: 8¾ x 4¼ x 2½” (21x12x6cm)

P200C Power Supply (P200C)
Item # NO200C ................ 529.95

SPECIFICATIONS

Output: 400 w/s
Recycle Time: 3 sec.
Flashes Per Charge: 190+
Weight: 6 lbs. (2.7kg)
Dimensions: 10½ x 5¼ x 3½” (27x13x8cm)

P400B Power Supply (P400B)
Item # NO400B .............. 619.95

ACCESSORIES

Car Cigarette Lighter Cable (R5201) For C55 super charger.
Item # NOCLCC200C ......... 19.95

Charger Cable (R5003) For 400B.
Item # NOCC400B ........... 31.95

Adapter Cable (R4120) Adapts C5120 cable to P200B.
Item # NOC400BC200B . . . 38.95

“Y” Charge Cable (R6004) Charges two 200B batteries outside the power supply.
Item # NOYC200BOS . . . . 41.95

“Y” Charge Cable (R6005) Charges two 200C batteries inside the power supply.
Item # NOYC200C .......... 40.95

“Y” Charge Cable (R6006) for charging two 400B batteries outside the power supply.
Item # NOYC400B .......... 40.95

“Y” Charge Cable (R6007) Charges two 200B batteries inside the power supply.
Item # NOYC200BIS ......... 81.50

“Y” Charge Cable (R5007) Charges two 400B batteries outside the power supply.
Item # NOYC400B .......... 40.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
LAMPHEADS

New contoured housings features recessed controls to prevent accidental flashing. New modeling lamp circuit eliminates the timer control knob; push the button to start or stop. The lamp automatically switches off after 20 seconds or after each flash, whichever comes first. The bright 50W quartz modeling lamp enables you to focus the camera in dimly lit areas and to preview the flash to prevent glare in eye glasses. Produces 50% more flash output than other models tested, because the modeling lamp is located in the reflector as opposed to inside the flashtube.

Basic Lamphead UV (LH2) with 20’ (6.1m) cable.
Item # NOLH2 .......................... 159.95

Basic Lamphead UV (LH2K) with 5’ (1.5m) coil cord.
Item # NOLH2KQ .................... 165.00

Basic Lamphead UV (LH2KM) with modeling lamp circuit.
Item # NOLH2KMQ ............. 229.95

Basic Lamphead UV (LH52) with 20’ (6.1m) cable.
Item # NOLH52 ..................... 182.00

Basic Lamphead UV (LH52K) with 5’ (1.5m) coil cord.
Item # NOLH52K ............ 182.00

Basic Lamphead UV (LH52KM) with modeling lamp circuit.
Item # NOLH52KM ....... 269.00

“Light Sphere” Bare Bulb Lamphead (LH2LS)
Item # NOLH2LS ........................................ 229.50

ASSEMBLIES

A200C Assembly (A200C)
Includes:
1- P200C power supply with contour shoulder strap
1- B4124 “Super” Battery
1- Super charger
1- LH2K-type 2 lamphead
1- 2D reflector
Item # NO 2000C K .......... 1020.00

A200C-M Assembly (A200CM)
Includes:
1- P200C power supply with contour shoulder strap
1- B4126 “Super” Battery
1- Super charger
1- LH2KM-type 2 lamphead
1- 2D-ML reflector
1- 50W quartz modeling lamp.
Item # NO 200CMK .......... 1113.00

A200C-LS Lightsphere (A200CLS)
Designed by Gary Fong, famed lecturer on bare bulb wedding photography.
Includes:
1- 200C-LS power supply with belt clip
1- LH2-LS bare-bulb lamphead
1- B4124 “Super” Battery
1- Super charger
Item # NO 200C LSK ........................................ 899.95

A400B Assembly (A400B)
Includes:
1- P400B power supply with contour shoulder strap
2- B5122 “Super” Batteries
1- Super charger
1- LH52K-type 2 lamphead
1- 2D reflector
Item # NO 4000B K ........ 1206.00

A400B-M Assembly (A400BM)
Includes:
1- P400B power supply with contour shoulder strap
2- B5122 “Super” Batteries
1- Super charger
1- LH52KM-type 2 lamphead
1- 2D-ML reflector
1- 50W quartz modeling lamp.
Item # NO 4000BMK .......... 1298.00

A200C-LS Assembly
A400B Assembly
NORMAN
REFLECTORS AND ACCESSORIES

REFLECTORS

5" General Purpose Reflector (2D)
Accepts all Norman 5" barn-doors, grids, filters and R0111 reflector cover. Used on LH2 and LH52 heads.
Item # NORDLH2K ........ 19.95
Item # NORDLH52 ........ 19.95

5" Reflector (2DPP)
Producing a soft diffused wide angle, for LH2 and LH52 heads.
Item # NORDDLDH2 ........ 36.95
Item # NORDDLDH52 ...... 36.95

5" Reflector (2DML)
With 50W quartz modeling lamp (12v), for LH2KM and LH52KM heads.
Item # NORM5LLH2KM .. 39.95
Item # NORM5LLH52KM .. 39.95

5" Reflector (2DRPML)
Same as 2DRP, with 50w quartz modeling lamp (12v), for LH2KM and LH52KM heads.
Item # NORDR5DMLLH2K ... 64.95
Item # NORDR5DMLLH52 ... 64.95

6" Reflector (2Q)
With 150W quartz modeling lamp (115v). Converts your 200C or 400B into a studio system. Ideal for umbrella use. Requires an R4153 AC extension cable for the modeling lamp. The R4153 cable is not needed for AC operated power supplies. Used with LH2 and LH52 heads.
Item # NORT6LH2K ........ 52.00
Item # NORT6LH52K ..... 52.00

8" Telephoto Reflector (2H)
H as a mirror surface and R4112 optical spacer (included) and provides a long throw for use with telephoto camera lenses in sports, news or wildlife applications. It has been copied, but not duplicated for output. Used with LH2 and LH52 heads.
Item # NORT8LH2K ......... 54.95
Item # NORT8LH52K ....... 54.95
Optical Spacer (R4112)
for the 2H reflector.
Item # NOOS .............. 23.95

REFLECTOR ACCESSORIES

4-Wing Barndoors (BD45)
for 5" reflectors.
Item # NOBD5 ............. 64.95

5" Filter Frame Holder (FFH5)
to hold the 5" filter frame.
Item # NOFFH5 ............ 34.95

5" Filter Frame (FF5)
A 5" filter frame that enables filter gels and filters to be placed in front of the light without cutting off the air flow to the lamp head. Used with the FFH5 filter frame holder.
Item # NOFF5 ............. 19.95

5" Diffusion Pack (DF45)
A pack of four different diffusion sheets.
(1) lightly frosted (1/2-stop density) (1) medium frosted (1-stop density) and (2) striated diffusers that enable you to alter the angle of coverage by the way they are inserted into the filter frame.
Item # NODS5 ............. 17.95

5" Neutral Density Pack (NDS)
Three gels per pack; 1-stop, 2-stop and 3-stop.
Item # NONDS5 ........... 17.95

5" Color Gel Pack (CG5)
A pack of seven gels consisting of:
#02 Bastard Amber (provides a healthy suntan look), #08 Pale Gold (for a slight warming effect), #12 Straw Yellow, #20 Medium Amber (simulates a fire or sunset), #26 Light Red, #08 Primary Blue, #89 Moss Green. Other colors can be created by stacking gels.
Item # NOCG5 .............. 16.50

Grids
Norman has both round and square grids. The round grids come in 7.5, 15, 30 and 40° coverage. They are available in 1/2" and 1" thickness. They're ideal for hair and accent lighting. Enables you to pinpoint the light for a desired effect. The square grid permits diffusion to be placed behind the grid thereby keeping the grid spot intact (fan cooling required).

Square, 15° Grid
Item # NOG5 ............... 67.50

Round, 5° 30°
1/2" Thick Grid (G51230)
Item # NOG5.530 ........... 34.95

Round, 5° 15°
1/2" Thick Grid (G51215)
Item # NOG5.515 ........... 37.95

5" Grid Set (GS512)
Includes three 5" round 1/2" thick grids: 15°, 30° and 40°.
Item # NOGS5.5 ............ 99.95

Round, 5° 30°
1" Thick Grid (G5130)
Item # NOG5130 ............ 32.95

Round, 5° 15°
1" Thick Grid (G5115)
Item # NOG5115 ............ 34.95

Round, 5° 7½°
1" Thick Grid (G5175)
Item # NOG5175 ............ 36.95

5" Grid Set (GS51)
Includes three round 5" 1" thick grids: 7½°, 15° and 30°.
Item # NOGS51 ............. 99.95

Grid Holder (G5H)
5" Grid Holder.
Item # NOG5H .............. 34.50

Equipment Leasing Available
PRO 7b GENERATOR

The battery operated Pro-7b is designed for the photographer who works on location and it makes the Pro-7 family complete. Additionally, there is a very small, lightweight, flashhead specially designed for the Profoto Pro-7b. Each battery gets 250 full power flashes per battery charge and the battery may be charged directly from an automobile lighter (12v) while driving. A high capacity bile lighter (12v) while from a wall outlet, using the battery charger, or charging is also available.

The energy can be symmetrically or asymmetrically distributed through one or two heads and the energy level is adjustable over 7 f-stops. The modeling lamp is automatically turned off after a given time set by the photographer to prevent unwanted discharge of battery power.

PRO 7b HEAD

This small, easily transportable flashhead is designed exclusively for the battery-powered generator. The modeling light consists of a 100w lamp with an E27 socket. The flashhead has a built in holder for an umbrella reflector. A 7˝ grid can be attached to the reflector, which comes with the head, along with a transport cap.

PRO 7b Generator (701074)
Item # PRP7B1200 ............ 3899.00

SPECFICATIONS

Total Power: 1200ws
Recycling at: 0.18-3.0 sec.
Control: f/Stop Range: 7 Stops
Ws Range: 1200-18.75
Flash Duration: 1/1400 sec.
Weight: 20 lbs. (9kg)
Dimensions: 9.5 x 6.75 x 9˝ (24x17x23cm)

PRO 7b HEAD

PRO 7b Generator (701074)
Item # PRP7B1200 ............ 3899.00

PRO 78 ACCESSORIES

PRO-7B Battery w/Cassette (701241)
Item # PRBCP7B ............ 349.00
Battery 12v for PRO-7B (701243)
Item #PRBP7B ............ 99.95
Charger 90-260v AC (5 Hours) for PRO-7B (701244)
Item #PRACP7B ............ 194.50
Protective Bag f/PRO 7B (701249)
Item # PRBP7B ............ 259.95

SPO TLIGHTS

For highly concentrated and directional light. Profoto spotlights are meant to simulate direct sunlight. Accepts all Acute, ABS, AB, PAB, Twin Lampheads, Pro Heads and all ComPact units. Spotlights provide focused light, but of different character and form.

Pro Fresnel Softlight (506701)
It has a large front lens to supply a great lighting effect, and the light is focused by pushing the lamp forward or backward. It is similar to those used in theatrical and movie lighting. For highly focused light at short or long distances.

PRO 7b HEAD

Item # PRSLPF ............ 3119.95
Slip Holder 23x36mm (506721)
Item # PRSH35SL ......... 126.50
Slip Holder 6x6cm (506722)
Item # PRSH66SL ......... 126.50
Heat Absorbing Filter (506723)
for Slide Holders.
Item # PRHAFSL ......... 379.50

PRO 78 ACCESSORIES

Order & Information (212) 444-6641 • Fax: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
**SPECIAL DIFFUSERS**

**Pro Globe**
The Pro Globe gives a surrounding light, similar to a bare bulb effect or, if mounted up, like a street lamp source. It can also be used as background lighting or placed underneath a photography table. Cinematographers call this a "Chinese Lantern". Its soft, bare bulb effect is perfect for quick location lighting. When used in combination with a softbox mounted around it, the Pro Globe creates very even light with soft shadows. The Pro Globe comes either with mountings to attach softboxes, or with lock springs to custom mount on softbox speed ring mounts.

- **Pro Globe Only** (505509)  
  Item # PRRGZ  
  212.50
- **Pro Globe w/Mounting Ring** (505508)  
  Item # PRRGQ  
  434.95
- **Pro Box**
The Pro Box is primarily meant to provide even, shadowless lighting for small objects. Because its lighting is even all the way out to the edge, several boxes can be grouped together to achieve a larger lighting area. The Pro Box includes a 12” (31cm) table stand with rubber collar and clamp.

- **The Pro Box with Table Stand** (505510)  
  Item # PRPBTS  
  519.00
- **Replacement Table Stand** (505561)  
  Item # PRTSB  
  18.95

**PRO FOTO**

**DIFFUSERS/REFLECTORS**

**SO FTLIG HT REFLECTO RS**

The silver-colored Softlight Reflector gives focused light, while at the same time providing soft shadow definition, thanks to its large reflecting area. It is especially suitable for subjects in which the structure should be emphasized. The white Softlight Reflector also known as "The Beauty Dish" gives a soft, yet easily focused light. M eant to provide character lighting in portrait photography, the Softlight is superb for a wide variety of uses from product photography of highly reflective surfaces to an excellent light source for architectural or botanical details. Also, it's a distinctive alternative to ordinary softbox diffusion. Character lighting refers to a source of light that is placed close to the subject.

For both Softlight Reflectors, the center disc that blocks out the direct light can be replaced by a semi-opaque opal glass disc to create a center hot spot which also eliminates a donut-hole effect in specular highlights. Each reflector can be supplemented by a honeycomb grid to create soft, toned-down edge-lighting. The Softlight Grid accessory yields 10° coverage with silver, and 25° with the white for more directed light.

- **Softlight Reflector Silver** (505506)  
  Gives a center-weighted beam. Its large 19.7” (500mm) diameter gives soft shadow definition. Its finish is efficient and highly specular.  
  Item # PRRSLS  
  224.95

- **Replacement Glass Kit** (505542)  
  Incl. Frosted Glass Disc & Parts.  
  Item # PRGSLR  
  99.95

- **Softlight Reflector White** (505507)  
  Designed to give a wide, uniform and softlight as well as shadow definition. The gradual fall-off makes it perfect for close-up beauty photography.  
  Item # PRRSLW  
  224.95

- **Semi-opaque Glass Disc** (505543)  
  for center of Softlight Reflector.  
  Item # PRGSLRQ  
  69.95

**REFLECTORS**

- **Grid Reflector 7”** (505502)  
  Allows use of other brand 7” grids and accessories on Profoto heads.  
  Item # PRRG  
  99.95

- **Disc Reflector** (505501)  
  The Disc Reflector is designed for use with an umbrella. It keeps the light from spilling off the edges of the umbrella. Its compact design allows the lamphead to be easily packed for carrying. It can be supplemented by a barndoor and a snoot. The Disc gives a low lighting effect as direct light without umbrellas.  
  Item # PRRD  
  62.50

- **Narrow Beam Reflector** (505505)  
  The Narrow Beam Reflector (light-spread 32”), gives the greatest output of all the Profoto reflectors. To achieve precise control over the direction of light, the reflector can be extended by the ProTube and equipped with a honeycomb grid.  
  Item # PRRNB  
  204.95

- **Magnum Reflector** (505504)  
  Used for maximum output with a normal beam spread. The Magnum reflector provides strong, smooth light. Although this is not a true focusing reflector, zooming it across the focal point does create interesting lighting effects. To achieve precise control over direction of the light, the Magnum can be supplemented by the ProTube and a honeycomb grid. H as a 50° area of coverage.  
  Item # PRRM  
  194.50

- **Zoom Reflector** (505503)  
  The versatile Zoom Reflector is supplied with the Pro-7 head, the Acute2 head and is available separately. By pushing the reflector forward or backward the spread and effect of the light can be greatly altered. Along with its zoom feature, it accepts a variety of accessories including grid & filterholder, barndoors, snoot, and 5, 10, 20° grids for a wide range of light shaping possibilities. Has 65-110° area of coverage.  
  Item # PRRZ  
  99.50

- **Softlight Reflector** (505505)  
  Designed to give a wide, uniform and softlight as well as shadow definition. The gradual fall-off makes it perfect for close-up beauty photography.  
  Item # PRRSLS  
  224.95
FOR NARROW BEAM & MAGNUM REFLECTORS

10° Honeycomb Grid (505531)
Item # PRGMR .................. 163.50

Pro Tube (505532)
The Pro Tube accessory extends the Magnum and the Narrow beam reflectors for tighter, hotter light pattern. It can be supplemented by a grid.
Item # PRPTMR .................. 332.50

FOR SOFTLIGHT REFLECTOR

25° Grid (505541)
For Softlight Reflector.
Item # PRGSLR .................. 217.50

FOR ALL REFLECTORS

Adapter Plate (505551)
For all Reflectors.
Item # PRAPR .................. 103.50

FOR ZOOM REFLECTOR

4-Way Barndoor with Grid Holder (505521)
The four-sided barndoor mounts directly onto the Zoom reflector. It features springs for mounting filters and/or honeycomb grids. It blocks undesired light from the subject or the camera lens. Mounted on the reflector, it has a minimal effect on the lighting design.
Item # PRBDZR .................. 159.95

Filter Holder (505522)
The Filterholder mounts directly onto the Zoom reflector. A gelatin filter 16˝x16˝ (40x40cm) can be mounted.
Item # PRFHZR .................. 92.95

Snoot (505529)
The snoot, which is mounted into the grid-holder and locked in place by the filterholder, provides concentrated light at a specific point.
Item # PRSZ .................. 114.95

Grid & Filter Holder (505523)
The Grid and Filterholder is the most versatile accessory for the Zoom reflector. Filters can be mounted between the light source and the accessory. There is an air space between the filter and the reflector which prevents the filter from getting burned. Besides a filter-cassette, there is a diffusion filter included. It is a little known fact that grids are more efficient if a diffusion filter is mounted behind them (between the light source and the grid).
Item # PRGFHKZR ............ 148.50

Filter Cassette (505524)
Item # PRFCZR .................. 38.95

Diffusion Filter (505525)
Item # PRFDZR .................. 5.95

5° Honeycomb Grid (505526)
Item # PRG5ZR .................. 99.95

10° Honeycomb Grid (505527)
Item # PRG10ZR ............ 89.95

20° Honeycomb Grid (505528)
Item # PRG20ZR ............ 82.95

FOR DISK REFLECTOR

Silver Umbrella (505605)
The silver umbrella provides focused lighting, along with soft shadow definition. It is especially suitable for bringing out structural details in materials. The silver umbrella is offered in the 42˝ (1.05m) size only.
Item # PRU41S .................. 163.95

Transparent Umbrellas
The transparent umbrella provides diffused lighting around a bright core. The lighting can be varied by changing its distance to the lamp head. Transparent umbrellas are available in 34˝ (0.85m) and 42˝ (1.05m) diam.

Small Transparent Umbrella (505603)
Item # PRU33T .................. 74.50

Large Transparent Umbrella (505604)
Item # PRU41T .................. 86.50

White Umbrellas
Profoto umbrellas are constructed of high quality material, and give exceptional quality of light. The white umbrella gives an even diffused lighting effect with soft shadow definition. The closer to the subject the umbrella is placed, the softer the shadow will be. White umbrellas are available in 34˝ (0.85m) and 42˝ (1.05m) diameters.

Small White Umbrella (505601)
Item # PRU33W .................. 86.50

Large White Umbrella (505602)
Item # PRU41W .................. 94.95
5’ AND 7’ REFLECTORS

5’ and 7’ Reflectors
Profoto’s 5’ and 7’ reflectors are two large umbrella-like reflectors. They reproduce a unique hard light, but since the light source is large the light appears soft with a unique brilliance. Having two focusing positions, the spot position gives a directed parallel light from a large light source. This position gives a hard light with a unique wrapping quality that also could be perceived as a soft light with a distinct crisp appearance. In the wide position, the reflector gives a 100’ angle that makes it possible to light a very large area evenly. The 5’ and 7’ reflectors are very easy to set-up and dismantle quickly. Multiple diffusers can be used for additional control. Supplied with deluxe travel bag.

5’ Reflector (505410)
Item # PRRU5 ............... 946.95

7’ Reflector (505411)
Item # PRRU7 ............... 1127.95

5’ Reflector Diffuser (505412)
Optional diffuser for Profoto 5’ reflector increases evenness of illumination and reduces output by 1 F-stop.
Item # PRD5 ............... .79.95

7’ Reflector Diffuser (505413)
Same as above with a 7’ diam.
Item # PRD7 ............... 97.95

7’ Reflector Diffuser (505411)
Item # PRRD8 ............... 102.50

8’ REFLECTOR

For three decades top photographers have appreciated the quality of light produced by Profoto’s flash heads. The unique focusable zoom reflector system makes it possible for the creative photographer to “paint” with light. Profoto has introduced the latest addition to the ever expanding line of light shaping tools: the Profoto 8’ Reflector. The giant silver-lined parabolic reflector gives a very unique hard light, but since the light source is so large the light appears soft with a distinct brilliance which brings out structural details in materials. With a diameter of 9.1’ (2.8m), the Profoto 8’ Reflector has an illuminated area 50% larger than the 7’ Reflector and 200% larger than the 5’ reflector. The reflector can be used with all Profoto Heads, including HMI and Tungsten, and is collapsible for easy transportation. The Profoto 8’ Reflector is supplied complete with mounting hardware and carrying case.

Profoto 8’ Reflector (505409)
Item # PRRU8 ............... 1758.95

Diffuser for 8’ Reflector (505416)
Item # PRD8 ............... 129.95

President's Choice

16’ (5m) US Power Cable (504311) for Acute/PD575 Ballast.
Item # PRPCA .......... 74.95

16’ (5m) US Power Cable (504311) for Compact.
Item # PRPC ........................................ 74.95

16’ (5m) Euro Power Cable (504315) for Compact.
Item # PRPCCX .............. 74.95

16’ (5m) Euro Power Cable (504315) for Acute.
Item # PRPCAX .............. 74.95

16’ (5m) Japan 100v Power Cable for Acute (504316)
Item # PRPCA .................. 84.50

16’ (5m) Japan 100v Power Cable for Compact (504316)
Item # PRPCC .................. 84.50

16’ (5m) Japan 100v Power Cable for Pro-6 (701292)
Item # PRPCP6 .................. 93.95

16’ (5m) Japan 200v Power Cable for Pro-6 (701293)
Item # PRPCP6X .............. 103.50

16’ (5m) Japan 200v Power Cable for Acute (504317)
Item # PRPCAJ .............. 93.95

SO FTBO XES

Profoto has introduced a new line of professional softboxes. These lightshapers offer the photographer perfectly even illumination from the center to the edges, combined with a narrower profile. Profoto softboxes offer a removable internal diffuser that offers additional versatility. With the internal diffuser attached, the light is even; when removed, the illumination is focused in the center of the box with a gradient out to the ends. Also featured as part of the new design, is a recessed front diffuser that can be removed to increase the contrast and produce a center-weighted spot effect. The units also have a velcro strip to hold accessories, such as barn doors and louvers.

2’ x 2’ Recessed Front Softbox (505701)
Item # PRSB22 .............. 228.95

2’ x 3’ Recessed Front Softbox (505702)
Item # PRSB23 .............. 263.95

3’ Octa Bank Recessed Front Softbox (505705)
Item # PROB3 .............. 423.50

5’ Octa Bank Recessed Front Softbox (505706)
Item # PROB5 .............. 529.95

1’ x 4’ Strip Recessed Front Softbox (505704)
Item # PRSB14 .............. 317.95

CABLES

16’ (5m) Extension Cable for Acute Lampheads.
Item # PRECA .............. 159.95

33” (10m) Lamphead Extension Cable for Pro (303502)
Item # PRECLH3P .............. 224.95

16’ (5m) Synchro Cable (504301)
Item # PRSC16 .............. 43.95

16’ (5m) Synchro Extension Cable (504302)
Item # PRSC16 .............. 43.95

16’ (5m) Synchro Interconnecting Cable (504303)
Used when “daisy-chaining” or wiring together packs because it is opto-isolated, preventing the dangerous build-up of current in the synchro-circuit.
Item # PRSC16 .............. 149.95

Double Synchro Inlet (504304)
For connecting 2 simultaneous cords.
Item # PRDSI .............. 28.95

2’ x 2’ Recessed Front Softbox (505701)
Item # PRSB22 .............. 228.95

1’ x 4’ Strip Recessed Front Softbox (505704)
Item # PRSB14 .............. 317.95

3’ Octa Bank Recessed Front Softbox (505705)
Item # PROB3 .............. 423.50

5’ Octa Bank Recessed Front Softbox (505706)
Item # PROB5 .............. 529.95

Speedring for Softboxes (505707)
Item # PRSR .............. 102.50
PROFESSIONAL PHOTOGRAPHY

STANDS AND ADAPTERS

Compact Stand (3 Sections) (505611) Item # PRLSC ………… 74.95
Maxi Stand (4 Sections) (505612) Item # PRLSM ………… 87.50
Minipro Stand (4 Sections) (505613) Item # PRLSMF ……… 79.95
Stand Adapter 3/8” 4-Edged Item # PRLSA38 ………… 24.95

GLASS DOME COVERS

Clear Glass Cover (504331) for the Acute-AB Head/Acute Twin PBT/Compact/PB Head/PD575/Pro Tungsten. Item # PRGCAAB …… 149.95
Clear Glass UV Cover (504332) for Acute-AB/Acute Twin PBT/Compact/PB Head/PD575/Pro Tungsten. Item # PRGCCUVPB ……… 129.95
Frosted Glass Cover (504333) for Acute-AB/Acute Twin PBT/Compact/PB Head/PD575/Pro Tungsten. Item # PRGCFAPB ……… 109.95
Frosted Glass UV Cover (504334) for Acute-AB/Acute Twin PBT/Compact/PB Head/PD575/Pro Tungsten. Item # PRGCCUVPB ……… 129.95
Frosted UV-300 Glass Cover (701273) for PD1200. Item # PRGCFVPD1200 ……… 119.95
Frosted Glass Cover 5/8” (16mm) (504322) Item # PRLSADH ……… 24.95
Over Head Stand Adapter Item # PRLSAOH ………… 24.95

LOCATION POWER DEVICE

Pro Gas (504314) Pro Gas must be used when powering Acute or Compact with a 230v gasoline generator. Not required with 117v generators. Item # PRG….. 449.95

OVERHEAD STAND ADAPTERS

Stand Adapter 3/8” 4-Edged Item # PRLSA38 ………… 24.95

FLASHTUBES

Flashtube (502218) for Acute2 & Compact 1200. Item # PRFTAD ……… 289.95
Flashtube (501131) for Acute2 Twin Head. Item # PRFTTAD ……… 299.95
Flashtube (501133) for Acute2 Ring Uncolored. Item # PRFT2RF ……… 584.95
Flashtube 2400w/s (501124) for Acute/AB/Acute Twin Heads. Item # PRFTAPAB ……… 382.50
UV Flashtube 2400w/s (501122) for Acute/AB/Acute Twin Heads. Item # PRFTUVAAB ……… 278.95
Flashtube (701211) for PB Pro Head and P7. Item # PRFTPB ……… 382.50

100w Modeling Lamp (504441) for Acute AB and PAB. Item # PRML100AAB ……… 5.95
100w Modeling Lamp (504441) for Compact. Item # PRML100C ……… 5.95
150w Modeling Lamp (504442) for Acute AB. Item # PRML150AABS ……… 64.95
150w Modeling Lamp (504442) for Compact Special. Item # PRML150C ……… 64.95
250w Modeling Lamp (701221) for Acute-Twin PBT, PB Pro Head and P7. Item # PRML250A2 ……… 46.95
500w Modeling Lamp (504447) for Compact and P7. Item # PRML500PB ……… 61.95
800w Modeling Lamp (504448) for Acute AB, Acute PA. Item # PRML800ABX ……… 64.95
1000w/230v Modeling Lamp (504443) for Compact. Item # PRML1000CX ……… 5.95
1500w/230v Modeling Lamp (504444) for Acute AB. Item # PRML1500AABX ……… 39.95
250w/120v.Model Lamp (504447) for Compact. Item # PRML250CP ……… 39.95
250w/120v.Model Lamp (504446) for Compact Special. Item # PRML250ACP ……… 52.50

500w Modeling Lamp (504446) for Compact 1200. Item # PRML500PB ……… 61.95
500w (230v) Model Lamp (504447) for Compact 1200. Item # PRMLCP1200X ……… 64.95
250w/120v Model Lamp (504448) for CP. Item # PRML250CP ……… 39.95

500w (230v) Model Lamp (504447) for Compact 1200. Item # PRMLCP1200X ……… 64.95
250w/120v Model Lamp (504448) for CP. Item # PRML250CP ……… 39.95
The Qflash Model T2 is powered by the Quantum Turbo, Turbo Z, or Turbo 2x2 Battery for GN 160 (ISO 100) auto flash power. Qflash uses parabolic reflectors for softer, cleaner light. The reflectors are removable for bare-bulb lighting. The flash head bounces and swivels. Flash control is either automatic, TTL (with optional adapters), manual, or stroboscopic. Automatic exposure control covers a nine stop range, adjustable every 1/3 stop, for a total of 25 automatic settings! 

QFlash can be powered by the new Qpaq-2x2 Battery for GN 160 (ISO 100) auto flash power. QFlash uses parabolic reflectors for softer, cleaner light. The reflectors are removable for bare-bulb lighting. The flash head bounces and swivels. Flash control is either automatic, TTL (with optional adapters), manual, or stroboscopic. Automatic exposure control covers a nine stop range, adjustable every 1/3 stop, for a total of 25 automatic settings!

QFlash can be powered by the new Qpaq-2x2 Battery for GN 160 (ISO 100) auto flash power. QFlash uses parabolic reflectors for softer, cleaner light. The reflectors are removable for bare-bulb lighting. The flash head bounces and swivels. Flash control is either automatic, TTL (with optional adapters), manual, or stroboscopic. Automatic exposure control covers a nine stop range, adjustable every 1/3 stop, for a total of 25 automatic settings!

The QFlash Model X2 can be powered by the new Qpaq-X. It can also be powered by a Lumedyne or Norman pack, for up to 400 watt-seconds (GN 220, ISO 100) auto flash power. QFlash uses parabolic reflectors for softer, cleaner light.
### QFLASH X2

**Specs:**
- **Power:** 200 or 400 w/s
- **Power Supply:** Quantum Qpax-X, Lumedyne, Norman 200B, 200C, or 400B power pack.
- **Capacity:** 225 full power flashes
- **Recycling:** 1.8 or 3.6 sec.
- **Weight:** 28 oz. (800gm)
- **Dimensions of Flash:** 4.7 inches (12 cm.) diameter
- **Dimensions of Reflector:** 3.2 x 3.5 x 6.5 inches (8 x 9 x 16.5 cm)

**Features**
- **Studio quality reflectors**
- **Accurate auto ranges**
- **TTL Mode**
- **Slave Mode**

**Accessories**
- Remote Sensor, Shoe Mount with Live Sync Contacts (QF21), Item # QUQF21 ...........124.95
- Replacement Flashtube for QFlash model X/X2 (QF32), Item # QUQF32 ...........52.95
- Optional UV Coated Tube for QFlash model X/X2 (QF32UV), Item # QUQF32UV ..........64.95
- Replacement Modeling Lamp for QFlash model X/X2 (QF33), Item # QUQF33 ..................17.95
- Remote QFlash X/X2 Head with 8” (2.4m) cord (QF36X), Item # QUQF36X ..............126.50

**Power Cables**
- **QF40**
  - Adapts QFX/QFlash to work with Norman 200B or 200C.
  - Item # QUQF40 ..................56.95
- **QF41**
  - Adapts QFX/QFlash to work with Lumedyne 200B.
  - Item # QUQF41 ..................56.95
- **QF42**
  - Adapts QFX/QFlash to work with Lumedyne power packs.
  - Item # QUQF42 ..................56.95

**QFLASH T2D AND X2D**
Quantum QFlash T2D and X2D Quantum’s new QFlash T2D and X2D Digital are upgrades providing full dedication to the latest digital and film cameras using Quantum’s new QTTL Adapters! All Qflash T2 and X2 models can be upgraded to T2D Digital and X2D Digital. Contact Quantum to arrange for your upgrade.

**New capabilities:**
- Full TTL Dedication for new digital and film cameras
- Automatic Fill Mode
- Twice as many Program Modes

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Continued on next page
Q FLASH T2D AND X2D
Automatic Sensor Limit
This option on the T2 / X2 limits the distance the Qflash sensor “sees” when in Auto mode. Without Auto Sensor Limit, if the subject has no background (in an open field outside), or the background is far away (a large catering hall), the flash sensor tries to balance the subject and background light. The subject is bright, and the background is dark, and the result is an overexposed subject.

Quick Turn Off
If you are using Qflash as an on-camera flash and want to disable the flash for a few shots you can use the “quick turn off” feature. Press the MODE button twice and the word “OFF” appears in the display. Press any button (except the test flash) to return to normal operation.

QFlash T2D (QFT2D)
Item # QUQT2D ..............553.00

QFlash X2D (QFX2D)
Item # QUQFX2D .............633.00

QPAQ-X POWER SUPPLY
A High Energy, Modular Power Pack for the Qflash X/X2 with 200/400/600/800 watt-seconds of portable flash power. Qpaq-X is Quantum’s modular portable flash system. Connect two Qflash X Series heads for a maximum of 400 w/s per flash. Flash power is controlled from both the Qpaq-X and Qflash. The Qpaq-X is powered by replaceable, rechargeable battery modules. Select either small or large battery modules to fit the needs of your assignment. Connect an optional AC module for studio use.

Qpaq-X 200 w/s Power Supply (PX)
Item # QU UX ........................505.00

FEATURES
- Use add-on 200 w/s modules and get up to 800 w/s of power.
- Increase power in 200 w/s increments to get the power you want, powering one or two Qflash X Series flash heads.
- A Power Mode Switch on the Qpaq-X lets you adjust the W/S to each flash head.
- Use the Qpaq-X Recycle/Capacity push button to either speed up recycle time or extend battery capacity.
- At 200 w/s the Qpaq-X normal recycle speed is 3.2 seconds. Ultra recycle speed is 1.8 sec.
- The “no memory” battery system lets you charge the Qpaq from any capacity level.
- A new charging design incorporating the “Fuel Gauge” displays the level of charge going into the battery, from 25-100%.

QPAQ-X CHARGERS
115 VAC Charger (PRIUS)
Item # QU PR1US ..................31.95

230v AC Euro/Scan Charger (PRIE)
Item # QU PR1E ...................43.50

240v AC UK Charger (PRIUK)
Item # QU PR1E ...................43.50

115v AC Fast Charger f/ 230v AC UK Fast Charger (PRIUK)
Item # QU PR3UK ..................49.95

QPAQ-X ACCESSORIES
High Performance Battery Module (PB1)
Item # QU PB1 ....................209.95

Compact Battery Module (PB2)
Item # QU PB2 ....................177.95

200 Watt-Second Add-On Module (PXC)
Item # QU PXC ....................139.95

Vehicle Charger (PV)
Item # QU PVR ...................73.50

Universal Charger (PR2)
Item # QU PR1E ...................87.95

PAC/PDC Batt (PRIUS)
Item # QU PR3 .................49.95

230v AC Euro/Scan Fast Charger (PRIE)
Item # QU PR3E ...................49.95

240v AC A/NZ Fast Charger (PRIUK)
Item # QU PR3A ...................49.95

Qpaq Shoulder Strap (PS)
Item # QU PS .....................36.50

Lumedyne Adapter Cable (PCL)
Item # QU PCL ....................59.95

AC Module (PAC)
Item # QU PAC ....................174.95

Dual Battery Module (PDC)
Item # QU D ..........164.95

Pole Mount (PPM)
Item # QU PPM ....................36.50

Qpaq Shoulder Strap (PS)
Item # QU PS .....................36.50

QPAQ-X ACCESSORIES
High Performance Battery Module (PB1)
Item # QU PB1 ....................209.95

Compact Battery Module (PB2)
Item # QU PB2 ....................177.95

200 Watt-Second Add-On Module (PXC)
Item # QU PXC ....................139.95

Vehicle Charger (PV)
Item # QU PVR ...................73.50

Universal Charger (PR2)
Item # QU PR1E ...................87.95

PAC/PDC Batt (PRIUS)
Item # QU PR3 .................49.95

230v AC Euro/Scan Fast Charger (PRIE)
Item # QU PR3E ...................49.95

240v AC A/NZ Fast Charger (PRIUK)
Item # QU PR3A ...................49.95

Lumedyne Adapter Cable (PCL)
Item # QU PCL ....................59.95

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High Performance Battery Module (PB1)
Item # QU PB1 ....................209.95

Compact Battery Module (PB2)
Item # QU PB2 ....................177.95

200 Watt-Second Add-On Module (PXC)
Item # QU PXC ....................139.95

Vehicle Charger (PV)
Item # QU PVR ...................73.50

Universal Charger (PR2)
Item # QU PR1E ...................87.95

PAC/PDC Batt (PRIUS)
Item # QU PR3 .................49.95

230v AC Euro/Scan Fast Charger (PRIE)
Item # QU PR3E ...................49.95

240v AC A/NZ Fast Charger (PRIUK)
Item # QU PR3A ...................49.95

Lumedyne Adapter Cable (PCL)
Item # QU PCL ....................59.95

AC Module (PAC)
Item # QU PAC ....................174.95

Dual Battery Module (PDC)
Item # QU D ..........164.95

Pole Mount (PPM)
Item # QU PPM ....................36.50

Qpaq Shoulder Strap (PS)
Item # QU PS .....................36.50

FEATURES
- Weighing just 23 ounces, the Turbo Z is 33% smaller than the Quantum Turbo Battery.
- Smaller and lighter than all the competition.
- Pasts virtually all professional flashes.
- Mounts this lightweight power house on a bracket or wear it on a belt.
- Only three hours are needed to charge to full capacity.

TURBO 2x2
Twice the power, dual outputs, smaller than the standard Turbo. For power hungry digital cameras and flashes, Quantum stuffed twice the power into a smaller package. And, now you have two connections, for a camera and flash, two cameras, or two flashes! Photographers need reliable power now more than ever. Quantum Turbo 2x2 provides programmable low voltage for your digicam, and high voltage for your flash at the same time. Now your flash keeps up with your camera, and camera with flash. Be assured of reliability because Turbo 2x2 uses the latest Nickel Metal Hydride battery technology, visible “gas gauge”, and Quantum’s proprietary, built-in charging circuitry.

Turbo 2x2 Battery Pack (T2X2)
Item # QUT2X2B ..................458.00
TURBO BATTERY

High performance flash power. Turbo delivers non-stop flash faster than ever before. The Turbo is the premier portable power source for shoe and handle mount flash.

Turbo Battery (QTB)
Item #QUTB....................366.00

 FEATURES
- Custom designed Turbo cables connect to many shoe and handle mount flashes.
- Power both types with one pack!
- Power monitor “fuel gauge” tells you exactly how much power remains.
- Red warning light for when power gets low.

TURBO CHARGERS

Turbo comes with its own charger. Chargers listed below are for replacement, traveling, fast charging, etc.

Replacement Charger, 110/120 VAC (QT40)
Item #QUQT40..........................34.95

European/Scandinavian Charger, 220/240 VAC (QT42)
Item #QUQT42..........................39.95

Australian/New Zealand Charger, 240 VAC (QT43)
Item #QUQT43..........................39.95

TURBO ACCESSORIES

Dual Connector (QT48)
For powering 2 flashes.
Item #QUQT48..........................69.95

Extension Cord for Turbo Cables, 10ft. (3m.) (QT49)
Item #QUQT49..........................49.95

Battery Mounting Clamp (QBC)
Item #QUQT49..........................32.95

Japanese Charger, 100 VAC (QT44)
Item #QUQT44..........................39.95

UK Charger, 230 VAC (QT45)
Item #QUQT45..........................39.95

Vehicle Charger (QT46)
Item #QUQT46..........................87.95

Fast Charger, USA/Canada (QT47)
Item #QUQT47..........................117.50

Turbo Z Battery Pack (QTZ)
Item #QUTZB..........................330.00

 FEATURES
- Weighing just 23 ounces, the Turbo Z is 33% smaller than the Quantum Turbo Battery.
- Mount this lightweight power house on a bracket or wear it on a belt.
- Smaller and lighter than all the competition.
- Powers virtually all professional flashes.
- Only three hours are needed to charge to full capacity.

TURBO Z ACCESSORIES

Dual Connector (QT48)
For powering two flashes.
Item #QUQT48..........................69.95

Energy Saver (ES1)
For Metz 45CL1, 45CL3, 45CL4 & 45CT3, 45CT4; Hasselblad 4504; Vivitar 285HV.
Item #QUE1..........................5.95

Energy Saver (ES2)
For Canon 430EZ, 540EZ, 550EX; Nikon SB24, SB25.
Item #QUE2..........................5.95

Battery Mounting Clamp (QBC)
Item #QUQT49..........................32.95

Energy Saver (ES1)
For Metz 45CL1, 45CL3, 45CL4 & 45CT3, 45CT4; Hasselblad 4504; Vivitar 285HV.
Item #QUE1..........................5.95

Energy Saver (ES2)
For Canon 430EZ, 540EZ, 550EX; Nikon SB24, SB25.
Item #QUE2..........................5.95

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
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**Visatec Litepac**

**The Litepac is a new cordless powerpack with the quality, high power and features every location photographer needs. With the Litepac, now you can add 'studio' quality lighting to all of your location photographs.**

**Features**
- Battery-operated power pack with 2 lamp base outlets
- Range of variation over 4 f-stops in 1/10 intervals
- Fully illuminated control panel and LCD display
- Halogen modelling light, each lamp 50 W if two lamp bases are connected, respectively 100 W if only one lamp base is connected
- Automatic switch-off of the modelling light after a variable time
- Internal discharge when power setting is reduced. Dust-proof front panel with silicone keyboard
- Photocell can be switched off
- Slow charging to increase the number of flashes of each charge
- Automatic switch-off of the power pack after a selected delay time
- High repetitive accuracy
- Compatible with Visatec small lamp LP1 and Ringflash RF
- Simple exchange of rechargeable battery by plug-in procedure

**Litepac Power Pack**
- Item # VIBLPPP ..................1229.95

**Specifications**
- **Flash Energy:** 660 J
- **F-stop at Distance of 6.5 Feet (2m), 100 ISO, Small Lamp LP1:** f/32 4/10
- **Flash Duration:**
  - 0.1 (t 0.5):
    - 1 lamp: 1/460 s (1/1360 s)
    - 2 lamps: 1/720 s (1/2200 s)
- **Charging Time (for 100% of Recycled Energy):**
  - 0.75 - 3 s for quick charge
  - 1 - 6.5 s for slow charge
  - Switchable to slow charge to prolong battery life
- **Ready Display:**
  - Visual and audible (can be switched off) signals when 100% of selected energy is reached.
- **Lamp Base Outlets:**
  - 2 Power Output
  - Distribution: Symmetrical
  - Controls:
    - Fully illuminated silicone keyboard, resistant to dust and scratches, LCD display
  - Control Range:
    - 4 f-stops in 1/10 f-stop intervals (1:16)
- **Modelling Light:**
  - Halogen bulb max. 2 x 50 W or 1 x 100 W
- **Modelling Light Control:** Variable selection of switch-on time between 20 s and 80 s to prolong battery life
- **Flash Release:**
  - Manual release button, photocell (can be switched off) or sync cable
- **Number of Flashes per Fully Charged Battery:**
  - Quick charge: approx. 200 at full output
  - Slow charge: approx. 280 at full output
- **No. of Sync Sockets:**
  - 1
- **Stabilized Flash Voltage:**
  - +/- 1%
- **Standards:**
  - EC standard 73/23, UL 122
- **Dimensions:**
  - 9.3 l x 5.7 w x 10.8˝ h
    - (235 x 144 x 275mm)
  - Weight:
    - 13.2 lbs. (6kg)

**Small Lamp LP1**

**Features**
- Lamp with built-in reflector and modelling lamp 12 V / 50 W to the battery-operated power pack LITEPAC
- Plug-in flash tube with spring fastener
- Small dimensions and little weight for mobile work
- Large light angle
- Own accessories with small dimensions
- Switch & fuse for model lamp
- Built-in tilt head with adjuster and umbrella holder
- Fan for long series of flashes.
- Thermal protection
- UV-coated protecting glass

**Specifications**
- **Flash Energy:** 1600 J max.
- **F-stop at 3.25 Feet:**
  - Distance (1m), 100 ISO:
    - 600: 32 4/10 w/lamp angle 130°
- **Modelling Light (Fuse Value):**
  - 12 V / 50W Halogen (5AF)
- **Length of Cable:** 114˝ (3.5m)
- **Cooling:**
  - Fan 12V, only switches on when necessary
- **Dimensions:**
  - Overall 8.1x5.3˝, diameter 3.1˝
    - (205x135mm, diameter 80mm)
- **Weight with Cable:**
  - 2.8 lbs. (1.25kg)
- **Stand Adapter:**
  - For standard 16mm bolts
  - Small Lamp LP1 (522000) with flashtube, modelling lamp and protecting UV glass.
  - Item # VILP1 ..................549.95

**Litepac Travel Kit**

Includes:
- Battery operated power pack, small lamp LP1, charger, sync cable (16’) and travel bag.

**Litepac Travel Kit**
- Item # VIILPPP .................1694.95

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**Visatec Accessories**

- **Ringflash RF 5500K** (524000)
  - Item # V1RFLP1 ..............969.95
- **Replacement Battery** (563000)
  - Item # VIBLP1 ...............149.95
- **Replacement Multi-Voltage, Charging Adapter** (563010)
  - Item # VICA ................144.50
- **Bag for Litepac Kit** (565030)
  - Item # VIBLPK ..............317.95
- **Bag for Litepac** (565100)
  - Item # V1BBP ...............75.95

**Lamp Accessories**

- **Fresnel Spot Attachment** (531320)
  - Item # V1FSLP1 ..............266.95
- **Attachment with 3 Honeycomb Grids & 2 Aperture Plates** (532030)
  - Item # VISALP1 ..............227.95
- **4-Win Barndoor** (532220)
  - Item # V1B4LP1 ..............152.50
- **Soloflex Adapter** (534580)
  - Item # V1SALP1 ..............123.50
- **Lamp Extension Cable 11’** (541100)
  - Item # VIEC11LP1 ...........118.95
- **Halogen Modelling Lamp**
  - 12V/50W (542530)
  - Item # V1LLP1 ...............12.22
- **Flashtube 1600J without UV-coating** (543040)
  - Item # V1FTLP1 ..............152.50
- **Protecting Glass 5500 K** (544025)
  - Item # V1PGLP1 .............14.72

**Lamp Accessorries**

- **Bag for Litepac** (512000)
  - Item # V1BBP ...............75.95
Section 5

Strobe Lighting - AC Strobes, Slaves, Cords

SP Studio Systems ............ 208-211
Morris .................................. 212
Pocket Wizard ..................... 213-214
Quantum .............................. 215-216
Wein ................................. 217-219
Paramount ......................... 220-221
LANCER LIGHT SERIES AC/DC STROBES

A versatile new line of AC/DC strobes that are suitable for use in portrait or product photography, either in the studio or on location. Also ideal for conventional and digital photography. Powered by AC or an optional portable DC battery pack. This makes the entire series the perfect lights on location. All Lancer light AC/DC lights are compatible with Quantum Turbo and Lumedyne High Voltage Cycler Battery Packs.

SPC-100 AC-DC (SPC100ACDC)
- Flash Output: 70w/s
- Front and rear Ready Light
- Power Source: AC 100-120V, 60 Hz or DC Battery Pack
- Recycle time:
  - AC: 3-5 sec.
  - DC-Fast: 2.5 sec.
  - DC-Ultra Fast: 2 sec.
- Number of Shots (DC only): 450 avg. per charge
- Flash Duration: 1/400 sec.
- Slave Sensor: Yes
- Color Temperature: 5200°K
- Dimensions: 5x4 1/4˝ (13x11cm)
- Weight: 14 oz. (370g)
- Accessories included:
  - PC Synchro-cord, AC power cord and DC power cord
- Item # SPACDC100 ............. 119.95

SPC-147 AC-DC (SPC147ACDC)
- Flash Output: 100w/s
- Front and rear Ready Light
- Adjustable power: Full, half, or quarter by switch
- Power Source: AC 100-120V, 50/60 Hz or optional DC Battery Pack
- Recycle time:
  - AC-Full: 4-6 sec.
  - DC-Fast: 3 sec.
  - DC-Ultra Fast: 2 sec.
- Number of Shots (DC only): 425 avg. per charge
- Flash Duration: 1/400 sec.
- Slave Sensor: Yes
- Color Temperature: 5200°K
- Dimensions: 5x4 1/4˝ (13x11cm)
- Weight: 1 lb. (0.7kg)
- Accessories included:
  - PC Synchro-cord, AC power cord and DC power cord
- Item # SPACDC147 ............. 139.95

SPC-920 AC-DC (SPC920ACDC)
- Flash Output: 100w/s
- Modeling Lamp: 60W
- Top Ready Light
- Adjustable power: Full, 1/2, 1/4
- Power Source: AC 100-120V, 50/60 Hz or DC Battery
- Recycle time:
  - AC-Full: 4-6 sec.
  - DC-Fast: 3 sec.
  - DC-Ultra Fast: 2 sec.
- Number of Shots (DC only): 450 avg. per charge
- Slave Sensor: Yes
- Color Temperature: 5200°K
- Dimensions: 4 1/8x6 3/4˝ (10x17cm)
- Weight: 1.5 lbs. (0.7kg)
- Accessories included:
  - PC Synchro-cord, AC power cord and DC power cord
- Item # SPACDC920 ............. 159.95

Background Image Projector Attachment (SPIP)
Fits on SP920, 147 and model 100 strobes. Focusing fresnel lens. Uses Rosco Pattern inserts, not included.
- Item # SPIP ......................... 39.95

Background Image Projector Attachment (SPIP)
- Fits on SP920, 147 and model 100 strobes. Focusing fresnel lens. Uses Rosco Pattern inserts, not included.
- Item # SPIP ......................... 39.95

LANCER LIGHT SERIES AC/DC KIT

Lancer Light Portrait Kit (SPLLPK)
Great for on location portraiture, and any other shooting situation that requires 3 lights. Consists of:
- (2) 920 AC/DC lights
- (1) 100 AC/DC light
- (2) BKR920 brackets
- (1) SP Bracket
- (1) SP Snoot
- (1) 33˝ White Umbrellas
- (2) 8˝ Aluminum stands
- (1) 3 Backlight stand
- (1) Barndoor set
- (1) Sp-Bag.
- Item # SPLLPK ..................... 679.95

www.bhphotovideo.com
SP STUDIO SYSTEMS
AC STROBES/ SOFTBOXES

AC STROBES

SP-S100 Strobe (SPS100)
The versatile SP-S100 is the foundation of the line and remains an outstanding value for a compact and powerful flash that's easy to use. Simply screw this little powerhouse into a standard lamp socket. Trigger it with the supplied PC cord attached to your camera, or remotely activate the SP-S100 with its sensitive built-in slave trigger. Even cumulative flash exposures are possible with the manual flash button. Accessories and unique controls tailor the system to your photography without emptying your pockets.

Item # SPS100 .............. 64.90

SP-147VP AC Strobe with Variable Power (SP147VP)
When the situation calls for more power, the SP-147VP delivers twice the power of the SP-100. Variable power output with settings of full, half and quarter power output permits fine tuning of lighting ratios and depth of field. Utilizing the same versatile accessories as the SP-100 and SP-920M DLVP, the SP-147VP offers the option of providing efficient lighting modification.

Item # SP147 ................. 99.95

Bare Bulb Strobe (SPBULB2)
Super wide angle 180° coverage. Guide number 40 w/100ASA. Built in ultra sensitive slave.

Item # SPBB2 .................. 34.95

SP-S920 Strobe with Modeling Light (SPS920)
The SP-S920 is the backbone of the SP Studio System with its built-in high intensity 60W modeling light that provides the visual preview needed for precise results. Creative light ratio and depth of field control are now easier than ever, with the addition of variable power control (Full, 1/2, and 1/4 power settings). Shadow control and hot spots no longer stand in the way of your photographic creativity.

Item # SPS920 ............... 114.95

SP-72 AC Slave Strobe (SP72)
The SP-72 is a workhorse that boosts or fills in with any electronic flash by means of its built-in slave. Fits a crowded camera bag on the road and takes on any number of chores in the studio. The SP-72 is also a perfect light source for copy stands.

Item # SP72 .................... 32.50

SP-72PCT Master AC Slave Strobe (SP72PCT)
Same features as Model 72, has PC socket that allows low voltage triggering directly from a camera sync terminal. PC cord is included as well as test button.

Item # SP72PCT ............... 49.95

SP-150 AC Strobe (SP150)
The four-tube SP-150 delivers as much flash output as lights with nearly 30% higher ratings. A switchable 60W modeling light guides visualization. Variable power flash control adjusts the flash output from full, 1/2, 1/4, 1/8, to 1/16th levels. Recycling time is under five seconds.

Item # SP150 ................. 179.95

SOFTBOXES

10˝x 10˝ (25x25cm) for SP100/920/147.
Item # SPB2424100 ........... 79.95

10˝x 10˝ (25x25cm) for SP150/250.
Item # SPB2424150 ........... 79.95

24˝x 36˝ (61x91cm) for SP150/250.
Item # SPB2436250 ........... 79.95

24˝x 24˝ (61x61cm) for SP100/920/147.
Item # SPB2424100 ........... 69.95

24˝x 24˝ (61x61cm) for SP150/250.
Item # SPB2424150 ........... 79.95

36˝x 36˝ (91x91cm) for SP150 and SP250.
Item # SPB2436250 ........... 104.95

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209
SP STUDIO SYSTEMS
AC KITS

Mini Portrait Kit (SPMPKIT)
Consists of:
(1) SP-72 Strobe
(1) SP-72PCT Strobe
(1) SP-BARN72 Barndoors
(2) SP-CLAMP AC socket & clamp set
(1) SP-FILT72 Colored filter set
Item # SPMPK .................... 86.95

Starter Kit (SPSTARTKS)
Consists of:
(1) SP-S920 Strobe
(1) SP-S100 Strobe
(1) SP-BRK920 Swivel bracket
(1) SP-HOLD AC socket & cord
(1) SP-CLAMP AC socket & clamp
(1) RSTAND 72˝ (183cm) stand
(1) 33˝ Umbrella
Item # SPSK .................... 249.95

Pro Starter Kit (SPPROKS)
Consists of:
(1) SP-150 Strobe
(1) SP-150AC 96˝ lightstand
(1) SP-HDSS 96˝ lightstand
(1) SP-BRACK Swivel bracket
(1) SP-1503 3’ x 3’ softbox
Item # SPPSK .................... 289.95

Home Studio Kit (SPKITS)
Consists of:
(2) SP-S100 Strobes
(1) SP-72 Strobe
(1) SP-50FT Softbox attachment
(1) SP-BARN100 Barndoors
(2) SP-CLAMP Swivel brackets
(1) SP-CLAMP AC socket and clamp set
(1) 33˝ White Umbrella
(2) 96˝ (244cm) lightstands
(1) Corrugated foam lined case with handle.
Item # SPH SK .................... 384.95

Pro Starter Kit (SPKTBS)
Same as above, with
(1) 72˝ (183cm) lightstands
Item # SPH SRK .................... 377.50

Home Studio Kit (SPKITRS)
(1) SP-100 Strobe
(1) SP-SNOOT
(1) SP-UMB40W 40˝ white umbrella
(2) SP-BRACK Swivel brackets
(2) 96˝ lightstands
(1) SP-BARN100 Barndoors
(2) 33˝ White umbrellas
(1) Corrugated foam lined case with handle.
Item # SPHPK .................... 429.50

Portrait Kit (SPPORTKRS)
Same as above, with
(1) SP-BAG
Item # SPPRSPK .................... 456.95

Commercial Kit (SPCOMKS)
Consists of:
(2) SP-150 Strobes
(1) SP-150AC 96˝ lightstand
(1) SP-BARN150 Barndoors
(1) SP-S100 Strobe
(1) SP-SNOOT
(1) SP-UMB40W 40˝ white umbrella
(2) SP-BRACK Swivel brackets
(2) 96˝ lightstands
(1) Corrugated foam lined case with handle.
Item # SPCSPK .................... 639.95

Who owns the rights to the pictures—me or the client?
You do. Legally, the photographer owns his own negatives.

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50 Portrait Lighting Techniques.
## ACCESSORIES

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<th>Item</th>
<th>Price</th>
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<tr>
<td>4-Leaf Barndoor (SPBARN100) for SP-100 series</td>
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<td>Barndoor (SPBARN72) for SP-72</td>
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<td>PC-Sync Cord (SP100PC) for SP-100/920VP/147VP</td>
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<tr>
<td>PC-Sync Cord (SP150PC) for SP-150</td>
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<tr>
<td>Power Cord (SP150AC) for SP-250 and old models of 920M DLP</td>
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## SLAVES

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<tr>
<td>Mini Slave (SPMINI)</td>
<td>22.95</td>
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<tr>
<td>Midi Slave Flash (SPMIDI)</td>
<td>24.95</td>
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</table>

Bare Bulb Slave Unit (SPMBB)
H as an “angle cut” case design which allows it to be positioned at any angle. Number of flashes: 300 (w/fresh batteries). Recycling time: 4 seconds. Dimensions 2.5x23/8x13/8” (6.3x6.7x4.1cm)
Item # SPMBBS ................. 22.95

Mini Slave (SPMINI)
H as a “diamond cut” case design which allows it to be positioned at any angle. Number of flashes: 260 (w/fresh batteries) Recycling time: 8 seconds GN: 50° / ISO 100
GN: 30° / ISO 100 (with diffuser in position) Dimensions 2.5x23/8x13/8” (6.3x6.7x4.1cm)
Item # SPMSS ................. 24.95

Midi Slave Flash (SPMIDI)
Extra power for fill light, side light or background light. GN # 45 with ISO 100 film. 50° angle of coverage. Recycles in 4 seconds with fresh batteries. Features built in slave trigger. Hot shoe for on camera use. Swing away bracket for low angle adjustments. Built in 1/4x20 mount for use on light stands, tripods and brackets.
Item # SPM ................. 24.95
# Strobe Lighting Slaves

## AC Slaves

### AC Slave II (11140)
The Morris AC Slave II expands your capabilities without sync cables. It is an excellent complement to the Master AC Slave. Green and red LEDs are mounted under the dome to indicate AC power and recycle status. A test button is provided. This being most popular flash unit, the AC Slave II is triggered by a reliable built-in slave. It fits any standard 110V AC lamp base socket. The guide number is 66 with ISO 100 film. It recycles in 4 seconds.

**Features**
- 21 W/s of power
- GN 66 (ISO 100, ft.) 50° flash coverage
- Open flash button
- Green power on lamp, red ready lamp.

Item # M0AC2 ................. 34.95

### Wide 100 AC Slave (11155)
As its name implies, the Wide 100 AC Slave provides 100° coverage and is an excellent unit for direct lighting when using wide angle lenses or for broad and soft coverage. When you want to concentrate power from a single direction, use multiple Wide 100 AC’s to boost the flash. Like the other Morris AC Slaves, it is triggered by your main flash unit through a built-in slave sensor. The lamp base fits any standard 110V light socket. The Wide 100 has a guide number of 36 with ISO 100 film and recycles in 5 seconds.

**Features**
- 32 W/s of power
- GN 36 (ISO 100, ft.) 100° flash coverage
- Open flash button
- Green power on lamp, red ready lamp.

Item # M0W100AC ............... 44.95

## DC Slaves

### Mini Slave Flash II with PC Cord (11770)

**Usage Options:** Groups/Accent/Backgrounds.

**Features:**
- Compact & powerful
- Triggered by your camera or another flash
- 1/4-20 socket (tripod mount)
- Wrist strap
- 1.25” x 2.4” x 2.5”
- Can be used with the New! Suction Cup!

**Specifications**
- Power Source: 2 AA size batteries
- Guide Number: 36 (ISO 100 in feet)
- Subject Distance: 1.5 - 16.5 feet
- Angle of Coverage: 65°50’ x 80°65’ (w/adapter)
- Recycling Time: 6 seconds

Item # M0M2 ..................... 31.95

### Midi Slave Flash Plus (11174)

**Usage Options:** On the Camera/Groups/Accent/Backgrounds.

**Features:**
- Compact & powerful
- Triggered by your camera or another flash
- PC-PC sync cord
- Slaveless cap at strobe use
- 2.25” x 2.25” x .875” (not including hot shoe)

**Specifications**
- Power Source: 1 AA size battery
- Guide Number: Hi: 10 (ISO 100m)
- Angle of Coverage: Hi: 10 (ISO 100m)
- Recycling Time: 8 seconds

Item # M0MSP .................... 39.95

### Mini Slave Flash Plus with PC Cord (11173)

**Usage Options:** Groups/Accent/Backgrounds.

**Features:**
- Compact, easy to carry & conceal
- Triggered by your camera’s flash
- Eliminate unwanted shadows
- Domed Cylinder 2.6 x 2.3”

**Specifications**
- Power Source: 2 AA size batteries
- Guide Number: 24 (ISO 100 in ft.)
- Subject Distance: 1.5 - 10 feet
- Angle of Coverage: 120°
- Recycling Time: 4 seconds

Item # M0MSPQ ................ 49.00

### Midi Slave (White) (11270)
**Usage Options:** Groups/Accent/Backgrounds.

**Features:**
- Compact & powerful
- Triggered by your camera or another flash
- 1/4-20 socket (tripod mount)
- Wrist strap
- 1.2 x 2.4 x 25”
- Can be used with the New! Suction Cup!

**Specifications**
- Power Source: 2 AA size batteries
- Guide Number: 56 (ISO 100 in feet)
- Angle of Coverage: 65°50’ x 80°65’ (w/adapter)
- Recycling Time: 5 seconds

Item # M0MSW ................... 36.95

### Midi Slave (Black) (11275)
Same as above only in Black.

Item # M0MSB ................... 36.95

### Maxislave (11375)
**Usage Options:** On the Camera/Groups/Accent/Backgrounds.

**Features:**
- Compact w/hotshoe mount & PC cord
- Hi-Low power
- Triggered by your camera’s flash
- Detachable wide angle adapter
- Slave/Sync selector
- Ready light
- Test Button
- 3” x 3” x 1.25” (not including hot shoe)
- Can be used with the New Suction Cup!

**Specifications**
- Power Source: 4 AA size batteries
- Guide Number: 56 (ISO 100 in feet)
- Hi: 80/24 (40/12 w/adapter)
- Lo: 56/17 (28/8.5 w/adapter)

**Effective Distance**
- ISO 100 FILM:
  - H: 1.6 - 33 ft. (1.6-17 ft. w/adapter)
  - L: 1.6 - 23 ft. (1.6-12 ft. w/adapter)
- Angle of Coverage:
  - 70° vertical (90°w/adapter)
  - 60° horizontal (80° w/adapter)
- Number of Flashes: 400
- Recycling Time: 4 seconds

Item # M0MSBQ ................ 49.00

### Maxislave (11376)
Same as above in white.

Item # M0MSWPQ ............... 49.00

---

**Equipment Leasing Available**

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**Image 1:** [Strobe Lighting Slaves](image1)

**Image 2:** [AC Slave II](image2)

**Image 3:** [Wide 100 AC Slave](image3)

**Image 4:** [Mini Slave Flash II](image4)
POCKET WIZARD PLUS/ MULTIMAX

The Pocket Wizard Plus is the result of 10 years of experience building sophisticated remote triggering tools for photographers. The Plus uses the most advanced digital radio system in the photographic industry, to deliver impressive range and reliability for the professional photographer. Sixteen bit digitally coded radio signals means the receiver cannot be triggered or “locked up” by other radio noise. Microprocessor control guarantees consistent sync speeds under even the worst conditions.

The Plus is built around a new streamlined case with a hot shoe mount on the transmitter and a shoe mount on the receiver. Each unit has a 1/4-20 threaded mount for use with a bracket/clamp, and the hanging lanyard included with the kit makes mounting a remote receiver on a stand a snap. The captive battery door means you can never lose it while changing batteries and juggling ten other tasks simultaneously as photographers need to do. The two AA batteries can be changed quickly, and the new 200-250 hour battery life will carry you through many jobs worry-free. Four digitally coded channels provide reliable triggering for up to four photographers in the busiest reception halls.

Pocket Wizard Plus Transmitter and Receiver (801101)
Item # WIPWPK ................................................................. 335.00
Pocket Wizard Plus Transmitter (801102)
Item # WIPWPT .............................................................. 165.00
Pocket Wizard Plus Receiver (801103)
Item # WIPWPR .............................................................. 184.00

The new PocketWizard MultiMAX Transceiver is the most innovative and advanced Digital Radio Slave with integrated “Trigger Time Control” software, True Trigger Confirmation and “Selective Quad Triggering”. The MultiMAX features next generation “Wireless Transceiver Technology” which eliminates the need for separate transmitter/receiver triggering configuration. Each MultiMAX provides the capability to send and receive digital signaling by a flip of a switch, similar to personal communicators. Among many advantages, a photographer can select between a transmitter or a receiver as shooting assignments change. Through its use of advanced transceiver technology, the MultiMAX offers the only true triggering confirmation feedback up to 1600 feet away, without the need for signal repeaters or daisy-chained radios. In the “Selective Quad Triggering Mode”, the MultiMAX automatically confirms (on the selected transmitter) every zone simultaneously, with immediate visual and audible feedback. Using the optional Flash Confirmation Cable, the transmitter receives a visual and audible signal, confirming that a triggered flash actually fires. Finally, there’s a real confirmation system which reassures the photographer that everything is working from the camera position. Utilizing the full potential of LPA Design’s patented microprocessor and software technology, the MultiMAX comes loaded with “Triggering Time Control” software. This software package offers several tools for the working professional all in one small package. With the “Triggering Time Control” software, it’s easy and very convenient to create rear-curtain sync effects with any camera, add depth of field using multipop tools for photographers. The Plus uses the most advanced digital radio system in the photographic industry, to deliver impressive range and reliability for the professional photographer. Sixteen bit digitally coded radio signals means the receiver cannot be triggered or “locked up” by other radio noise. Microprocessor control guarantees consistent sync speeds under even the worst conditions.

-Plus-
As with all PocketWizard Digital Radio Receivers, the MultiMAX is fully compatible with Sekonic’s new L-608 and L-358 exposure meters configured with the plug-in digital radio transmitter module. Now you can trigger electronic flash units and/or cameras with your Sekonic L-608 or L-358 meter and PocketWizard Digital Radio Receivers.

Display
Liquid Crystal (LCD) panel with backlight illumination button
Alphanumeric screens with icons: battery status, channel selected, mode selected, audible status and radio frequency lock indicators.

Keyboard
Illuminated soft-touch rubberized keypad. Includes test, zone, up/down, menu and backlight keys. Key lock feature prevents inadvertent setting changes.

Flash Confirmation Cable
The optional “Flash Confirmation Cable” indicates that a triggered remote flash actually fired. By utilizing a shielded high intensity light sensor, which only remains active during the brief radio transmitting time, it confirms only if the attached flash fired or not. Flash confirmation status is sent to the attached receiver and in return sent back to the transmitter.

Specifications
Range: 1600 feet or more
Channels: 32 Digitally coded ID#s
16 Original Classic
16 Quad-Triggering
Sync Speed:
Up to 1/250 (focal plane)
Up to 1/500 (leaf shutter)
Up to 1/100 (Fast Mode)
Power: 2-AA batteries
AC Adapter: Optional #804105
Weight: 5.4 oz (w/batteries)
Dimensions:
Flexible Antenna 2.4”

Pocket Wizard MultiMAX Transceiver (802450)
Item # WIPWMMT ........................................ 295.00

Communication Technology
Features
■ Wireless Transceiver Technology
■ True Trigger Confirmation
■ Selective Quad-Triggering
■ Digital Radio Technology

Trigger Time Controller Features
■ Rear Curtain Sync
■ Precision Delays
■ MultiPop (Multiple Flash Exp.)
■ Intervalometer
■ Speed Cycler
■ Lag Time Equalizer
■ Ready Mode

Pocket Wizard MultiMAX
Item # WIPWMMT ......................... 295.00

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PHOTO - VIDEO - PRO AUDIO
### Pocket Wizard Cables

#### Camera Sync Cables
- **PC to Miniphone, 1' Straight** (804301)  
  Item # WICPM1 .................. 17.95
- **PC to Miniphone, 5' Coiled** (804302)  
  Item # WICPCM5 ................. 17.95
- **Long Tip PC to Miniphone, 5' Coiled** (804303)  
  Item # WICPLTM5 ............... 29.95

#### Electronic Flash Cables
- **Miniphone to Miniphone, 10' Straight** (804401)  
  Item # WICMMF10 ............... 19.95
- **Triple Household Female, 16' Straight** (804402)  
  Item # WICHHF1 ................. 24.95
- **Household to Miniphone, 16' Straight** (804403)  
  Item # WICHHM16 ............... 17.95
- **Household to Miniphone, 3' Straight** (804404)  
  Item # WICHHM3 ................. 17.95
- **Household to Miniphone, 10' Straight** (804405)  
  Item # WICHHM10 ............... 17.95
- **1/4" Phono to Miniphone, 16' Straight** (804406)  
  Item # WIC25M16 ............... 17.95
- **1/4" Phono to Miniphone, 3' Straight** (804407)  
  Item # WIC25M3 ................. 17.95
- **Miniphone Right Angle to Miniphone, 16' Straight** (804408)  
  Item # WICMM16 ................. 17.95
- **Miniphone Right Angle to Miniphone, 6' Straight** (804409)  
  Item # WICMM6 ................. 17.95

#### Motor Drive Cables
- **Canon N3 Motor Drive, 10' Straight** (804501)  
  Item # WIMC1CE3 ............... 112.95
- **Canon T3 Motor Drive, 10' Straight** (804502)  
  Item # WIMCCE1N3 ............. 63.50
- **Nikon 10 Pin Motor Drive, 10' Straight** (804503)  
  Item # WIM1CNN90M3 ........... 177.50
- **Nikon Motor Cord, 10' Straight** (804504)  
  Item # WIMCNM3 ................. 68.50

#### Pre-Trigger Cables
- **Canon N3 Motor Drive Pre-Trigger** (804511)  
  Item # WIPTCCE3 ............... 142.85
- **Canon T3 Motor Drive Pre-Trigger** (804512)  
  Item # WIPTCCAFQ ............. 104.50
- **Nikon Motor Drive Pre-Trigger** (804513)  
  Item # WIPTCNF5 ............... 197.95
- **Nikon 2 Pin Motor Drive Pre-Trigger** (804514)  
  Item # WIPTCNF3 ............... 96.95

#### Adapter and Trigger Buttons
- **Trigger Button to Miniphone, 3' Straight** (804601)  
  Item # WITBM3 .................. 29.95
- **PC Female to Mini Adapter** (804602)  
  Item # WIPCFMA ................. 6.50
- **AC Adapter for Original Pocket-Wizard** (804106)  
  Item # WIAACAPW .............. 46.95
System includes wireless flash sync and wireless shutter release, using up-to-date digital circuitry. Provides a coded radio signal that works indoors, outdoors, around corners and through walls. Line of sight is not required between Sender and Remote.

Improvements include:
- An extended range to 350’ (110m). With the antenna down, range is up to 200’ (60m).
- There is a hot shoe mount for the Sender. This allows the unit to attach to a camera shoe, and sync cord is not required. Or use provided Quantum sync cord to connect to camera sync. Also can be mounted to brackets, dead shoes, etc. with velcro (supplied).
- Has a much longer battery unit for Remote unit. With 4 "AA" alkaline batteries you receive up to 400 hours (up from 80 for previously used (2) 9V batteries). Up to 800 hours with 4 "AA" Lithium batteries. The Remote can also use AC power with accessory models.
- Faster sync speed. 1/500 sec. (focal plane) & 1/1000 sec. (leaf shutter) for cameras with extremely fast shutter sync. Extremely fast synchronization means Radio Slave 4i is virtually indistinguishable from "wired sync".
- No sync cord is needed. Any number of remote flashes can be used with Radio Slave 4i.
- An extended range to 350’ (110m). With the antenna down, range is up to 200’ (60m).
- Line of sight is not required between Sender and Remote.
- Superior interference free reception. User selected coded channels permit many Radio Slaves to operate in the same area.

Radio Slave 4i maintains these features:
- Trigger any number of remote flashes without a sync cord. Or you can trip a motor drive camera with accessory cords, or a remote power pack at great distances. Unlike other types of slaves, the Radio Slave 4i cannot be overpowered by the light of a flash.
- Status lights on both Sender and Remote confirm proper operation and/or low batteries.
- Radio Slave 4i is compatible with the Radio Slave 4 and Radio Slave 2. Be sure to match the labeled frequency (either A, B, C, D) with your previous units.

**FREEWIRE DIGITAL TRANSCIEVER**

**Features**
- Next generation wireless flash sync and camera trigger.
- FreeWire transceivers can be set as a Sender or Remote unit, or both.
- Wireless TTL control for Qflash.
- 8 non-interfering system settings.
- 4 Zones (channels). Set any Zone or combination on or off.
- Confirmation signal echoed back to the Sender and displayed.
- Relay signals with FreeWire for unlimited range.

FreeWire is a truly a new generation of wireless transceiver photo control. Each FreeWire unit is capable of transmitting and receiving trigger signals. A studio owning FreeWire devices can set them as needed. For example, 4 units can become 2 sets of Senders and Remotes, or one Sender and 3 Remotes, as assignments change. After a FreeWire Remote unit receives a signal it sends back a confirmation to the Sender. Set up and check out are greatly simplified! When used with Quantum’s TTL adapters (available for all popular cameras) FreeWire provides wireless TTL control of remote Qflash TV’s and X’s.

To avoid interfering with other photographers, you can set FreeWires to any of 8 System settings. FreeWires operating on different Systems will not interfere. With each System setting you can also control 4 Zones or channels. Select any Zone or any combination of Zones to activate flash and cameras in groups or individually, right from the FreeWire Sender. A great time saver in changing situations!

The FreeWire transceiver receives and resends trigger signals. This feature lets you easily synchronize remote camera / remote flash set ups, or relay trigger signals to distant FreeWires.

FreeWire is conveniently compact and mounts easily to brackets, or to hot shoes using the optional Unimod attachment. A swiveling antenna stores away from damage.

FreeWire is the remote photo control you’ve been waiting for.

**Radio Slave 4i Set (505SR)**
Available in A, B, C and D frequencies. Includes: 505Sr Sender and 505Sr Remote, belt clip, sync cord, mounting kit, instruction manual, (less batteries). Specify frequency.

Item # QURS4IS( ) ...... 284.95

**Radio Slave 4i Remote (505SR)**

Item # QURS4IR( ) ...... 190.00

**Radio Slave 4i Sender (505Sr)**
Available in A, B, C and D frequencies. Includes: sync cord, belt clip, dead shoe with screw (for bracket mounting), velcro, and mounting plate. Specify frequency.

Item # QURS4IS( )Q .... 139.95

Specify frequency A, B, C or D in parenthesis.
## ACCESSORIES

### QUANTUM STROBE LIGHTING SLAVES

### ACCESSORIES

**ACCESSORIES**

![Dead Shoe Mounting Kit](image) for 505 Si (Replacement).
- Item # QMKD505S...8.95

**MD CORDS**

- MD Cord (512) for 505SiRi (515)
  - Item # QUAC505S...26.50
- AC Adapter (220V) for 505SiRi (516)
  - Item # QUAC505R...23.95
- Belt Clip for 40ST (438)
  - Item # QB4R5...9.95
- Belt Clip (538)
  - Item # QB5S...9.50

**SYNC CORDS**

- 1’ (0.3m) Sync Cord (434) for 405T.
  - Item # QU1RS2...26.50
- 4’ (1.2m) Coiled Sync Cord (435) for 405T.
  - Item # QU4RS2...26.50
- Sync Cord (470)
  - Item # QUSC4RS2...29.95

**MD CORDS**

- MD Cord (451) for Nikon.
  - Item # QUMDC451...47.95
- MD Cord (452) for Hasselblad ELM/ELX.
  - Item # QUMDC452...49.50
- MD Cord (453) for Canon/Olympus/Bronica.
  - Item # QUMDC453...44.95
- MD Cord (454) for Mamiya RZ/645 Super.
  - Item # QUMDC454...76.50
- MD Cord (455) for M inolta (except 7000/9000).
  - Item # QUMDC455...79.95

**SYNC CORDS**

- 5’ (1.5m) Coiled Sync Cord (535) for 505S.
  - Item # QUSC5RS4T...25.95
- 5’ Coiled Sync Cord with Center Pin (537) for 505S.
  - Item # QUSCCP5RS4T...24.95
- 12’ (30cm) Straight Sync Cord (538) for 505S/Si.
  - Item # QUSC12RS4...26.50

**ACCESSORIES FOR FREEWIRE**

- Universal Connector Module with Hot Shoe (FW11)
  - Item # QUFW11...49.50
- 18” Sync-In Cord (FW20)
  - Item # QUFW20...29.95
- 18” Hot Shoe Sync Cord (FW21)
  - Item # QUFW21...39.95
- 18” Ext. Cable to Qflash/Unimod (FW31)
  - Item # QUFW31...29.95
- Two Step MD Cord (FW41) for Contax 645.
  - Item # QUFW41...33.95
- Two Step MD Cord (FW42) for Maxxum 7/9.
  - Item # QUFW42...89.50
- Wireless TTL Adapter (FW52) for Nikon.
  - Item # QUFW52...76.95
- Wireless TTL Adapter (FW53N) for Canon.
  - Item # QUFW53N...86.95
- External Power Connection (KDC2) from Bantam or QB1c to FreeWire.
  - Item # QUXC2...29.95
- External Power Connection (MDC2) from QB1c, or QB1 to FreeWire.
  - Item # QUMDC2...26.50
- Y Connector for FreeWire TX (QF52)
  - Item # QUQF52...44.95

- www.bhphotovideo.com
BATTERY-FREE PHOTO SLAVES

Wein started writing the book on photocells over 25 years ago, and today offers the widest range of professional flash slaves available. Whether you want to trigger a shoe flash from across the room, or a gaggle of 4800 w/s packs from an arena catwalk, Wein has a slave that will do the job. All are solid, tough and reliable, and there’s a model available for any type of flash connection. And leave the batteries in the bag; Wein slaves don’t use any.

ULTRA SLAVES (SSL/ XL)

- The most sensitive photo slave available; range up to 3000´ (914m)!
- Works indoors or out; ambient light filter prevents interference from bright sunlight or false-triggering from flickering fluorescents.
- Available with either “H”-prong or monoplug sync connector for direct connection to virtually any professional flash or power pack.
- All Ultra slaves feature standard PC terminal as alternative sync connector.
- Lower-sensitivity XL Model (range up to 600´ 183m) is also available.

SSL Ultra Slave
3000´ (914m) (930010)
“H”-prong.
Item # WESSL ...........................89.95
SSL-E Ultra Slave
3000´ (914m) (930015)
Monoplug connector.
Item # WESSLE .........................99.95

XL Ultra Slave
600´ (183m) (930020)
“H” prong.
Item # WEXL ................................74.95
XL-E Ultra Slave
600´ (183m) (930025)
Monoplug connector.
Item # WEXLE ..........................84.95

HIGH-PERFORMANCE “PEANUT” (PN-XL)

- Enhanced version of the original “Peanut” slave
- Range up to 300´ (91m)
- Ambient light-filtered for outdoor use.
- Standard PC sync connector

High Performance “Peanut” (PN-XL) (940020)
Item # WEPNXL ....................34.95

HOT SHOE SLAVES (HS)

- Attach directly to foot of any shoe-mount flash – no other connection necessary.
- Range up to 150´ (46m) (HS model) or 600´ (183m) (HS-XL).
- HS-XL features built-in ambient light filter for outdoor use.
- Constructed of aircraft aluminum and solid epoxy; virtually indestructible.
- Integral 1/4˝-20 threaded socket for tripod, monopod or light stand mounting.
- PC terminal for use with non-shoe flash units.

HS Hot Shoe Slave
150´ (46m) (940030)
Item # WEHS ..........................34.95
HS-XL Hot Shoe Ultra Slave
600´ (183m) (940040)
Item # WEHSXL .......................79.95

THE “PEANUT” (PN)

- Tiny size, weighs less than 1/2 ounce!
- Up to 100´ (30m) range (indoors).
- Solid cast epoxy won’t crack, protects micro-circuitry inside.
- Standard PC sync connector plugs directly into Vivitar 283/285. Connects to any other flash via PC cord.
- Available individually or in economical 3-pack.

The “Peanut” (PN) (940001)
Item # WEPN ..........................19.95
Peanut Slave (PN3) (3-Pk.) (940003)
Item # WEPN3 ..........................54.95

MICRO SLAVE (L8)

- The original battery-free photo slave.
- Range up to 150´ (46m).
- Super-compact; smaller than a 35mm film cartridge.
- “H”-prong connector

Micro Slave (L8) (940050)
Item # WEL8 ............................29.95

MICRO ULTRA SLAVES (XL8)

- High-performance version of the original Micro Slave.
- Range up to 400´ (122m).
- Ambient light-filtered for reliable outdoor use.
- Available with either “H”-prong or monoplug connector; both have standard PC terminal as alternate sync connection.

XL8 Micro Ultra Slave (940060)
“H” Prong.
Item # WEXL8 ..........................44.95
XL8-E Micro Ultra Slave (940070)
Monoplug connector.
Item # WEXL8E ..........................59.95
If you shoot weddings, events, industrial or other location work, Pro-Sync is for you. Pro-Sync provides cordless, omni-directional remote flash control with virtual immunity to interference. Unlike radio frequency (RF) remote flash control systems, Pro-Sync uses state-of-the-art coded infrared technology to fire remote flash units. Common sources of radio interference, like cellular phones, pagers, and cordless microphones (increasingly common at weddings), can disrupt radio flash signals, but are no threat to Pro-Sync. Because the Pro-Sync signal is encoded, the system cannot be triggered by any flash or light source.

**Lighting Tip**

Using large reflectors in bright outdoor sunlight can be a lifesaver. You can either shield the bright sunlight or reflect it into the shadow areas to keep the subject contrast ratio within the sensitivity range of the film.

---

**PRO-SYNC 1**

An economical, basic infrared remote control system with great performance.

- Features a single, private-protected transmit/receive channel.
- Allows for use of on-camera flash with use of optical Sync-Link accessory.

**PS-500-1 Pro-Sync 1 Channel System** (WB10100) “H” prong.
Item # WEPS5001 ..........209.95

**PS-500-1E Pro-Sync 1 Channel System** (WB10150) M onoplug connector.
Item # WEPS50001E ..........234.95

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**Sync-Link**

Lets you use a Pro-Sync transmitter without giving up TTL flash. The Sync-Link fires the camera hot shoe for connecting a TTL flash unit or off camera cord. It attaches with Velcro to the TTL flash, senses when it fires, then completes the circuit that fires the Pro-Sync transmitter. Sync-Link keeps the transmitter out of the loop, allowing for normal connection of the dedicated flash to the camera. May also be used to add on-camera/remote flash switching capability, similar to that of the Pro-Sync LX, to the Pro-Sync 1 system.

Sync-Link (WB90600)
Item # WESLMP ..........46.95

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**DIGITAL SMART SLAVES**

Wein’s Digital Smart Slaves are solid-state, batteryless slaves that can perfectly synchronize with digital preflash cameras. Just plug them in and you have fabulous, optically slaved remote lighting enhancement for the weak, built-in digital camera flash. These miniature batteryless encapsulated digital slaves can be attached to your existing flash units by sync cord, hot shoe, pc, monoplug or H prong and will perfectly synchronize the flash with your digital camera by optical wireless remote control. Make any digital camera into a wireless remote lighting enhancement transmitter for truly professional results.

**Peanut Slave Digital** (WB90001D) (Peanut Slave): PC only, 100’ range.
Item # WEPN .........34.95

**High Performance Peanut Digital** (WB90020D) PC only (full sunlight protection) 300’ range.
Item # WEPNXLD ..........69.95

**Hot Shoe Slave Digital** (WB90030D) PC and Hot Shoe, 150” range.
Item # WEHSD ..........69.95

**Hot Shoe Ultra Slave Digital** (WB90040D) PC and Hot Shoe (full sunlight protection) 600’ range.
Item # WEH5XLD ..........109.95

**Micro Ultra Slave** (WB90060) PC and H prong power pak input (full sunlight protection) 400’ range.
Item # WEXL8 ..........44.95

**Micro Ultra Slave Digital** (WB90070D) PC & M onoplug power pak input (full sunlight protection) 400’ range.
Item # WEXL8ED ..........89.95

**SSL Ultra Slave Digital** (WB90010D) PC and H prong (full sunlight protection) 3000’ range.
Item # WEESL ..........109.95

**SSL Ultra Slave Digital** (WB90015D) PC and M onoplug (full sunlight protection) 3000’ range.
Item # WESSL ..........109.95

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**THE TRANSMITTER**

The Pro-Sync transmitter can be mounted on, and fired by, any standard camera hot shoe (or connected to a PC terminal for off shoe use).

Just slide the compact transmitter onto your camera and forget it: no cords, no antenna, nothing to clip to your belt. A pair of “AA” batteries in the transmitter provide power for up to 5,000 shots, with recycle times averaging less than a second; that’s faster than almost any flash, so your Pro-Sync is up and ready when you are.

Each time you shoot, the transmitter fires, and an “explosion” of coded infrared lights fills the room, bouncing off walls and around corners. You can’t see the signal (neither can your film), but the Pro-Sync receiver sure can.

**THE RECEIVER**

Plugged into your remote flash, the Pro-Sync receiver is in a “standby” mode, waiting for the transmitter signal. Nothing else can trigger the receiver, not even a full-power flash fired inches away. Pro-Sync receivers are incredibly sensitive and can easily pick up the signal from behind backdrops, soft boxes, even around a roofful of wedding guests. They work indoors or out, with a maximum range of 600 feet (183m) (indoors). The Pro-Sync receiver draws its power from the flash to which it is connected, so there are no batteries to change. Receivers are available with either integral “H” prong or monoplug sync connectors, so they connect directly, cordlessly, to most professional flash units or power packs.

For additional versatility, each receiver also has a standard PC terminal.

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For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
SSR systems let you fire your slaved strobes without triggering flash. No need to hook up a PC cord to the main flash or use a camera-mounted strobe; the SSR transmitter replaces them both. Mount the compact transmitter on your hot shoe, or connect it to the camera PC terminal; each time you shoot, the SSR transmitter fills the studio with an invisible pulse of light. A super-sensitive SSL Ultra Slave picks up the signal from any direction and fires the main flash, which in turn triggers all other slaved strobes in the setup. Simple, reliable, professional.

**Meter-Mate 2**

Triggers your flash for meter readings... cordlessly! Meter-Mate 2 is an ultra-compact slave trigger that eliminates the need for a PC hookup to your flash meter when taking exposure readings. Just Velcro to your flashmeter and plug into the PC terminal, then connect a Wein SSL Ultra Slave (at least one required) to the main flash. Each time you press the flashmeter exposure button, Meter-Mate 2 emits an invisible pulse of infrared light that fires your entire slaved flash setup, cordlessly, from up to 100´ (30m) away. Transmitter comes with a replaceable battery that powers up to 5,000 firings. An ideal addition to SSR studio remote systems.

**TeleFlash Monitor** (W970100)
Positively lets you know that every remote flash fired, every time. Stick a cordless TeleFlash onto each flash in your setup (or clip it to the flash cord for better visibility). TeleFlash detects the electro-magnetic surge of a good flash firing, blinks a bright red LED for 5-10 seconds, then automatically resets for the next shot. A quick glance at each TeleFlash in your studio gives you instant, reliable flash confirmation. A single 9V battery (not included) provides power for thousands of activations.

**Safe-Sync**
Regulates flash sync voltage to 6 volts – protects your camera’s circuitry! Over time, excessive flash synchronization voltage can lead to damage and costly repair; Safe-Sync offers a simple and effective way to protect your camera. No matter how high the original voltage, Safe-Sync reduces it to a safe 6 volts. Available in a hot shoe version with a threaded PC terminal, or in a “H”-prong model for use with studio power packs.

**Flashmeters**
- Economical, reliable, excellent for serious enthusiasts.
- Trouble-free analog operation.
- Standard model provides readings for f2-f22, accurate to 1/3 stop.
- Deluxe model provides readings from f2-f90, accurate to 1/6 stop.

**Adapter**
- “H”-Prong to Monoplug Adapter (990315)
- “H”-Prong to PC Adapter, 9˝ Cord (990305)
- H-Prong to Monoplug Adapter (990305)
### 3-FT. COILED CORDS

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<thead>
<tr>
<th>Cord</th>
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<th>Item #</th>
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<td>Household to PC</td>
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<td>PAQRPC3</td>
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<td>Vivitar to PC</td>
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<td>Household to PC - Long Tip</td>
<td>A2-6C</td>
<td>PAHHPC5</td>
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<td>Household to Rollei Lock</td>
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<td>Household to Nikon Push Lock</td>
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<td>PC Male to PC Male</td>
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<td>Vivitar to Nikon Screw Lock</td>
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<td>Honeywell Lock to PC</td>
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### 6-IN. TO 1-FT. STRAIGHT CORDS

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<td>PAVH6F</td>
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<td>Household Female to PC Female 6'</td>
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<td>PAHFFPC6</td>
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<td>Household Female to Household Male 6'</td>
<td>HH-HF</td>
<td>PAHHFHF6</td>
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<td>Einlchrom to Household Female 6'</td>
<td>EC-HF</td>
<td>PAEHH6F</td>
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<td>Household to PC - Long Tip 1'</td>
<td>A2-1S</td>
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### 18-IN. STRAIGHT CORDS

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<td>Monolite to PC 10'</td>
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<td>PAMPC3</td>
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<td>60CT4 to PC 18” Straight</td>
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<td>60CT4 to 5’ Coil</td>
<td>CL6C</td>
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<td>PAMPCL5</td>
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### GOLD TIP CORDS

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<td>PAPHPCL1G</td>
<td>PMG21S</td>
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<td>Household to PC Long 15’ Straight</td>
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<td>Vivitar to Lumedyne 5’ Coil</td>
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<td>PMCS5</td>
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### PC CONDITIONERS

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<td>PATPC</td>
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<td>Deluxe PC Tip Conditioner</td>
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### ACCESSORIES

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<td>PAUVF</td>
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<td>2830HS</td>
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<td>Plastic Accessory Shoe</td>
<td>ASH</td>
<td>PAAC</td>
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### Section 6
Continuous Lighting - Tungsten

<table>
<thead>
<tr>
<th>Brand</th>
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<td>Introduction</td>
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<td>Altman</td>
<td>226-263</td>
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<td>Arri</td>
<td>264-285</td>
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<td>286-287</td>
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<td>Cool-Lux</td>
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<td>Dedolight</td>
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<td>Desisti</td>
<td>305-329</td>
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<td>Smith-Victor</td>
<td>419-433</td>
</tr>
<tr>
<td>SP Studio Systems</td>
<td>434</td>
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</table>
Choosing Hot Lights

“Hot lights” are TUNGSTEN or (HMI) Metal Halide Iodide light fixtures that remain on for long periods when used. Continuous lighting must be used when shooting movies, video or using scanning digital backs. There are many types of fixtures and bulbs available for you to choose from. Once you understand their characteristics and trade-offs, you will find it easier to choose the products you need for your specific project and budget.

Since hot lights stay “on” when shooting you can see the effect you’re going to get. Hot lights are also easy to mix and color balance with ambient light.

**Tungsten Lighting** is available in a very wide range of configurations and price points. Basic systems use standard inexpensive lamps that are readily available from many sources. To balance the color temperature of your lights, you can purchase Tungsten balanced film or use the appropriate filter in front of the lamp or camera lens. When using tungsten fixtures for lighting, you must be careful when positioning them as they can become dangerously hot. Make sure they are a safe distance from your subjects, props and backgrounds. When purchasing light modifiers such as umbrellas, soft boxes and diffusers for your hot lights, make sure they were designed to safely withstand the high temperatures generated by the lamps.

HMI lamps are metal halide lamps that require a ballast for operation; they produce light far more efficiently than tungsten, however the initial investment in equipment is greater. After ignition they burn extremely bright, and at a color temperature equivalent to daylight. HMI lighting is used extensively in the TV and movie industry for both outdoor and indoor use because of its high efficiency and ability to literally turn an outdoor nighttime set into “broad daylight”.

Since HMI is inherently daylight balanced, usually no filtering is necessary. HMI lamps range from many thousands of watts for lighting large open area to less than 100 watts for on-camera use.

**Fixture Types**

There are many different types of lighting fixtures for you to choose from to control the quality of the light that is generated by the lamp inside. In this SourceBook, you will find the different types used today. We have defined a few of them for you below, so you’ll get a good idea of what each one does.

**Fresnel**
Fresnel lights are identifiable by the glass lens with the concentric circles on the front of the fixture. Fresnels are true focusing lights due to the fact that the lamp and reflector move in unison. Fresnel lights direct an even beam with good shadow definition. They are some of the most popular lights used in film and television production around the globe.

**Open Face**
Open Face fixtures do not use a lens. They cast a fairly wide beam of relatively soft illumination. Many come with a safety glass or a wire mesh for protection. Open face fixtures are an excellent choice if you are going to diffuse them through a silk, softbox, umbrella, or bounce them off a reflective panel. These fixtures tend to be a little lighter in weight and less expensive than Fresnels.

**PAR**
Par fixtures are usually lightweight and use a Parabolic Aluminized Reflector (PAR) lamp. The light beam characteristics depend upon the type of lamp used, they are available with angle coverage ranging from 10 to 40 degrees. PAR fixtures are frequently used in stage and theatre productions.

**Softlight**
A softlight is an indirect lighting source in which the light bounces off an internal reflector that diffuses the light to produce soft light with soft shadow edges.

**Broadlight**
A wide-angle floodlight, used...
to direct a large amount of light at a relatively large area.

**Ellipsoidal**
These lights are also called spotlights. They throw a controlled narrow beam with a sharp edge with strong shadow definition.

**Cyc light**
Cyc lights are designed to provide an even wash of light on cycloramas (a curved curtain or wall used as the background of a stage or set to suggest unlimited space). The cyc light can also be used as a multi-purpose flood or fill light for stage and studio lighting applications.

**Controlling Hot Lights**
When you purchase any lighting system it is important to check the variety of compatible light modifiers that can be used. The greater the range of modifiers the more control you will have over your lighting and how it effects your recorded images.

**Hard light** is created by small highly focused or direct lighting set at a substantial distance from the subject. This type of lighting produces strong sharp shadows. Direct sunlight, a focused Fresnel or spotlights are examples of hard lighting.

**Soft lighting** is produced by relatively large area diffuse light. This type of lighting results in shadow-free images because the light strikes the subject from almost every angle. An overcast sky, a large north-facing window close to the subject, or using a large umbrella, reflector or soft box close to your subject produce similar soft almost shadow free results. The broader the source the more diffuse the lighting effect.

A diffuse source transmits light from many different angles while specular light implies direct parallel rays.

A **softbox** is a reflector-lined cavity covered with a translucent white diffusing fabric that is attached to the light fixture. Some products allow you to place or remove the interior baffle and or the front diffuser, to get a less soft - more specular lighting effect. Gold colored reflector material is also available, to warm up the light, resulting in a warm glowing image.

Louvres are also available for soft boxes to direct the light to the subject.

**Honeycomb grids** can be attached to lamp reflectors to narrow the angle of illumination to produce a more specular effect.

**Snoots** are attached directly to the lamp reflectors head producing a very small light source. These are usually used as hair lights to create glowing effect to a subject’s hair that result in very dramatic portraits.

**Barn Doors** are usually adjustable black flaps that are attached to the lamp head, to help keep the light from spilling into areas it shouldn’t go.

**Reflectors** come in many shapes, sizes, colors (including black), and materials. They are available in rigid and flexible formats and can even be made from improvised materials. Reflectors are extremely useful in almost any lighting set up. They are great at reducing shadows, filling in or creating dark areas and even help to eliminate the need for additional lights in many situations.

**Gobos** are anything that “goes between” the light and the subject to diffuse the light, create a shadow or to produce any other effect.

**Backgrounds** are critical to setting the mood of your picture. Backgrounds can be as varied as your imagination allows. The basic background material is seamless paper available in a number of widths, lengths and colors. Fabric backgrounds are available in an almost infinite variety of materials, colors, sizes, patterns and hand painted scenes. Combined with props and with a little imagination, your subjects can be placed almost anywhere in time and space.

Professional Photographers make use of all these lighting accessories and more, to creatively “paint their scene” with carefully placed and configured lighting fixtures. A good idea to accelerate your lighting skill is to pick up a few books on lighting technique. B&H stocks a number of books covering many lighting specialties with numerous, clearly illustrated setups to help get you started or learn some new tips and tricks.

When using hot lights remember safety comes first!

Bulbs should never be touched by bare skin. Grease from skin can cause the glass to crack. This may lead to shortened lamp life and/or explosion. Bulbs should be handled only when cool to the touch, and then only with paper, plastic, or cloth to avoid direct contact with skin.

Almost all light fixtures provide some kind of protective screen or glass that covers the front part of the fixture. It is rare for lamps to explode. However, in the instance that one does, there will be red-hot shards of glass flying through the air after what sounds like a gunshot. The safety features are there for your protection. It is well advised that you use them.

Whenever a fixture is mounted from above, a safety cable is an inexpensive way to insure the security of your fixture. If the light were to come loose from its mount, the safety cable will support the weight of the fixture, preventing injury until the problem can be fixed.

When lighting is used in public places, seek advice from a qualified gaffer or other lighting professional to make sure all local electrical and safety codes are complied with.
The Micro Par is an attractive lightweight luminaire designed to produce narrow to wide beam spreads up to 15´ (4.6m) away. The luminaire utilizes the designer PAR-16 and PAR-20 family of PAR lamps which are ideal for lighting merchandise, art, and nightclubs. The narrow to wide beam spreads are a result of the lamp selected and installed.

**Micro Par 50 Watt**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALMP</td>
<td>78.50</td>
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**Features**

- Attractive extruded aluminum housing.
- Use of transformer not required.
- Wide selection of usable lamps.
- Adaptable to most track systems.
- Aluminum color frame included.
- U.L. and c.U.L. listed for 50 watts.

**Specifications**

- **Head:** Ribbed aluminum extrusion and die-cast aluminum construction.
- **Cooling:** Convection cooled.
- **Cable:** 6´ (1.8m) total length with molded male edison plug.
- **Weight:** Approx 14 oz. (0.40kg)
- **Dimensions:** 4¾ x 3½ x 6¼” (11x9x16cm)

**Accessories**

- 4-Leaf Barndoor (MBD) Item # ALBD4MP 33.50
- 3¾ Color Frame (MCF) Item # ALCFM46 3.50
- Cast Aluminum Baby Pipe Clamp (510M) Item # ALCMP 7.95

The PAR 46 is a low cost, versatile luminaire designed for diverse applications. Intensities and beam spreads are a function of the lamp selected for use in the fixture. One unit can serve multiple purposes simply by changing the lamp. The smaller size of the PAR 46 offers maximum flexibility. With an oval shaped beam and a 200 watt lamp, the PAR 46 is ideal for use in concerts, nightclubs, television and film remotes. Also for architectural applications where maximum flexibility is desired in a small compact package.

**PAR 46 200W**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Item #</th>
<th>Price</th>
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<td>2000</td>
<td>GB50P20NSP</td>
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<tr>
<td>50PAR20NFL</td>
<td>50</td>
<td>2000</td>
<td>GB50P20NFL</td>
<td>11.95</td>
</tr>
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</table>

**Specifications**

- **Socket:** Medium end prong, toolless relamping.
- **Cable:** 36´ Teflon leads encased in black fiberglass sleeving.
- **Focusing:** Lamp can be rotated 360°.
- **Weight:** Approx. 7 lbs. (3.2kg)
- **Dimensions:** 11¾ x 10¼ x 7¾” (30x26x20cm)

**Accessories**

- Manual Color Wheel (195A45) Item # ALCWMP46 52.50
- Motorized Color Wheel (404A45) Item # ALCWMP46Q 104.95
- Safety Cable (SC) Item # ALSCP46 4.95
- Safety Cable (Black) (SCBLK) Item # ALCSCP46 6.50
- Snoot (S645SN) Item # ALSP46 14.95

For photometrics, see Page 228.
The PAR 38 fixture is a low cost, versatile luminaire designed for diverse applications. Intensities and beam spreads are a function of the lamp selected for use in the fixture. One luminaire can serve multiple purposes simply by changing the lamp type. The small size of the PAR 38 and a wide range of lamps to choose from make it an ideal luminaire for many lighting applications. Typical installations are found in nightclubs, concerts, theatres and architectural situations where maximum flexibility is desired from a small compact package.

**PAR 38 300 Watts**

**Spotlight/Floodlight** (PAR38)

<table>
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<tr>
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<th>Beam</th>
<th>Watts</th>
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<tr>
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<td>4000</td>
<td>60°</td>
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<td>250WK38SP</td>
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<td>4000</td>
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**ACCESSORIES**

- 4-Leaf Barndoors (6BD4) Item # ALBD4P38 ...... 45.95
- Malleable Iron Pipe Clamp (510) Item # ALCP38 .... 13.95
- Malleable Iron Pipe Clamp (Black) (510BLK) Item # ALCBP38 ...... 14.95
- 7¼” Color Frame (6CF) Item # ALCFP38 ....... 2.95
- 7¼” Color Frame (Black) Item # ALCFBP38 .... 4.95
- Motorized Color Wheel (4046) Item # ALCMWMP38Q ... 104.95
- Safety Cable (SC) Item # ALSCP38 ..... 4.95
- Safety Cable (Black) (SCBLK) Item # ALSCBP38 ... 6.50
- Snoot (6SN) Item # ALSMP38 ........ 16.95

**PAR 56 500 Watts**

**Spotlight/Floodlight** (PAR56)

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<th>Watts</th>
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<th>Color Temp</th>
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<tr>
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<tr>
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<td>4000</td>
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**ACCESSORIES**

- 4-Leaf Barndoors (6BD4) Item # ALBD4P56 ...... 45.95
- Malleable Iron Pipe Clamp (510) Item # ALCP56 .... 13.95
- Malleable Iron Pipe Clamp (Black) (510BLK) Item # ALCBP56 ...... 14.95
- 7¼” Color Frame (6CF) Item # ALCFP56 ....... 2.95
- 7¼” Color Frame (Black) Item # ALCFBP56 .... 4.95
- Motorized Color Wheel (4046) Item # ALCMWMP56Q ... 104.95
- Safety Cable (SC) Item # ALSCP56 ..... 4.95
- Safety Cable (Black) (SCBLK) Item # ALSCBP56 ... 6.50
- Snoot (6SN) Item # ALSMP56 ........ 16.95
### PHOTOMETRICS WITH 50W LAMP

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<th>F-Stop*</th>
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<tr>
<td>FLOOD</td>
<td></td>
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</tr>
<tr>
<td>5' (1.5m)</td>
<td>2.9' (0.9m)</td>
<td>50</td>
<td>538</td>
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<tr>
<td>7.5' (2.3m)</td>
<td>4.3' (1.3m)</td>
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<td>247</td>
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<td>10' (3.0m)</td>
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<td>12.5' (3.8m)</td>
<td>7.2' (2.2m)</td>
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<td>15' (4.6m)</td>
<td>8.6' (2.6m)</td>
<td>6</td>
<td>65</td>
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</table>

| SPOT         |                    |             |     |         |
| 5' (1.5m)    | 1.0' (0.3m)        | 184         | 1980| 8.8     |
| 7.5' (2.3m)  | 1.5' (0.5m)        | 82          | 882 | 5.8     |
| 10' (3.0m)   | 2.1' (0.6m)        | 46          | 495 | 4.5     |
| 12.5' (3.8m) | 2.6' (0.8m)        | 30          | 323 | 2.8     |

*With ISO 100 film @ 1/8 sec.

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.

### PHOTOMETRICS WITH 200W LAMP

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<th>F-Stop*</th>
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<tbody>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5' (1.5m)</td>
<td>1.8' (0.5m) x 3.6' (1.1m)</td>
<td>448</td>
<td>4820</td>
<td>16</td>
</tr>
<tr>
<td>10' (3.0m)</td>
<td>3.6' (1.1m) x 7.3' (2.2m)</td>
<td>112</td>
<td>1205</td>
<td>8</td>
</tr>
<tr>
<td>15' (4.6m)</td>
<td>5.3' (1.6m) x 10.9' (3.3m)</td>
<td>50</td>
<td>538</td>
<td>4.5</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>7.0' (2.1m) x 14.6' (4.5m)</td>
<td>28</td>
<td>301</td>
<td>4</td>
</tr>
<tr>
<td>25' (7.6m)</td>
<td>8.8' (2.7m) x 18.2' (5.5m)</td>
<td>18</td>
<td>194</td>
<td>2.8</td>
</tr>
</tbody>
</table>

| SPOT         |                        |      |     |         |
| 5' (1.5m)    | 1.5' (0.5m) x 2.0' (0.6m) | 1300 | 13988| 22      |
| 10' (3.0m)   | 3.0' (0.9m) x 4.0' (1.2m) | 325  | 3497| 11.5    |
| 15' (4.6m)   | 4.5' (1.4m) x 6.0' (1.8m) | 144  | 1549| 8       |
| 20' (6.1m)   | 6.0' (1.8m) x 8.0' (2.4m) | 81   | 872 | 5.65    |
| 25' (7.6m)   | 7.5' (2.3m) x 10.0' (3.0m) | 52   | 560 | 5.6     |

*With ISO 100 film @ 1/8 sec.

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.

### PHOTOMETRICS WITH 250W LAMP

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter HxW (in)</th>
<th>F.C.</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLOOD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10' (3.0m)</td>
<td>11.5' (3.5m) x 7.7' (2.3m)</td>
<td>61</td>
<td>656</td>
<td>5.6</td>
</tr>
<tr>
<td>15' (4.6m)</td>
<td>17.3' (5.3m) x 10.2' (3.1m)</td>
<td>27</td>
<td>291</td>
<td>4</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>23.1' (7.0m) x 13.7' (4.1m)</td>
<td>15</td>
<td>161</td>
<td>2.8</td>
</tr>
<tr>
<td>25' (7.6m)</td>
<td>28.9' (8.8m) x 17.0' (5.1m)</td>
<td>10</td>
<td>108</td>
<td>2</td>
</tr>
</tbody>
</table>

| SPOT         |                        |      |     |         |
| 10' (3.0m)   | 6.3' (1.9m) x 4.3' (1.3m) | 142  | 1528| 8.5     |
| 15' (4.6m)   | 9.5' (2.9m) x 5.6' (1.7m) | 63   | 678 | 5.6     |
| 20' (6.1m)   | 12.6' (3.8m) x 7.1' (2.1m) | 36   | 387 | 4.5     |
| 25' (7.6m)   | 15.8' (4.8m) x 9.3' (2.8m) | 23   | 247 | 4       |

*With ISO 100 film @ 1/8 sec.

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.

### PHOTOMETRICS WITH 500W LAMP

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter HxW (in)</th>
<th>F.C.</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLOOD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10' (3.0m)</td>
<td>3.5' (1.1m) x 7.7' (2.3m)</td>
<td>430</td>
<td>4627</td>
<td>16</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>7.1' (2.2m) x 15.4' (4.7m)</td>
<td>108</td>
<td>1162</td>
<td>8</td>
</tr>
<tr>
<td>30' (9.1m)</td>
<td>10.6' (3.2m) x 23.0' (7.0m)</td>
<td>48</td>
<td>516</td>
<td>4.5</td>
</tr>
<tr>
<td>40' (12.2m)</td>
<td>14.1' (4.3m) x 30.7' (9.4m)</td>
<td>27</td>
<td>291</td>
<td>4</td>
</tr>
<tr>
<td>50' (15.2m)</td>
<td>17.6' (5.4m) x 38.4' (11.7m)</td>
<td>17</td>
<td>183</td>
<td>2.8</td>
</tr>
</tbody>
</table>

| SPOT         |                        |      |     |         |
| 10' (3.0m)   | 2.6' (0.8m) x 5.7' (1.7m) | 960  | 10330| 22      |
| 20' (6.1m)   | 5.3' (1.6m) x 11.5' (3.5m) | 240  | 2582| 11      |
| 30' (9.1m)   | 7.9' (2.4m) x 17.2' (5.2m) | 107  | 1151| 8       |
| 40' (12.2m)  | 10.5' (3.2m) x 22.9' (7.0m) | 60   | 646 | 5.6     |
| 50' (15.2m)  | 13.2' (4.0m) x 28.7' (8.7m) | 38   | 409 | 4.5     |

*With ISO 100 film @ 1/8 sec.

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.
The Outdoor-PAR luminaire is designed for portable or permanent installations in wet locations for use with PAR64 sealed beam lamps. The housing is constructed of cast aluminum for maximum durability. The lens holder and external hardware are made of stainless steel. The unit can be externally rotated to allow for focusing of the lamp. The yoke allows for surface mounting or can be hung with an optional pipe clamp. All removable components have gaskets to insure a watertight seal. All surfaces are finished with a highly durable, low-gloss baked enamel paint. The wiring is composed of 24” high-temperature leads in an overall high-temperature, waterproof, sunlight resistant jacket through a gasketed liquid tight seal. The lens is made of clear borosilicate glass to withstand high temperatures and tempered for maximum strength. The optional snoot/color frame holder accommodates standard gel and dichroic color media.

**Features**

- Cast aluminum construction.
- Designed for portable or permanent, wet or damp installations.
- Combination snoot/color frame holder available.
- 360° lamp rotation.
- 24” Hi-Temp sunlight resistant waterproof cable.
- 2 position yoke adjustment.
- Hi-Temp safety glass included.
- U.L. and c.U.L. listed for 1000 watts, and suitable for wet locations.

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Beam Lumens</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1000PAR641</td>
<td>1000</td>
<td>600</td>
<td>3200°K</td>
<td>11,000</td>
<td>GBFBN</td>
<td>43.50</td>
</tr>
</tbody>
</table>

**PhoMetrics**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>H 1.8’ (0.5m) W 4.3’ (1.3m)</td>
<td>4000</td>
<td>43,040</td>
<td>45</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>H 3.5’ (1.1m) W 8.5’ (2.6m)</td>
<td>1000</td>
<td>10,760</td>
<td>22</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>H 5.3’ (1.6m) W 12.8’ (3.9m)</td>
<td>445</td>
<td>4788</td>
<td>16</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The die-cast Star ★ Par is a rugged, lightweight alternative to conventional Par 64 luminaires. The highly polished specular reflector has been designed to operate most efficiently with the new generation of 575 watt tungsten halogen lamps. The fully rotational lens holder easily accepts a variety of lenses, and the lenses are interchangeable without the use of tools. The removable two slot accessory holder has a self-closing, self-locking retaining latch for safety. The aesthetic appearance and ergonomically designed function controls add to the appeal of this versatile luminaire.

**FEATURES**
- Rugged die-cast aluminum construction.
- Low friction, hi-temp plastic lens holder is fully rotational via three insulated finger tabs.
- Four interchangeable lenses.
- Replaceable two-slot accessory holder.
- Protective, insulated rear mounted ring handle serves as focusing aid.
- Reflector made of high grade aluminum polished to a mirror finish.
- Lower wattage lamps drastically reduce power consumption while increasing dimmer capacity.
- Three 36" Teflon lead wires.
- Color frame and safety cable with clip included.
- Uses standard 10" accessories.
- U.L. & c.U.L. listed for 575W.

**SPECIFICATIONS**
- **Rating:**
  - 120/240V AC/DC operation, 575 watts maximum.
- **Socket:**
  - Altman G9.5 medium two-pin, axially mounted.
  - Toolless relamping.
- **Cable:**
  - 36" Teflon leads encased in Black fiberglass sleeving.
- **Lenses:**
  - Tempered borosilicate. Four different lenses available.
- **Focusing:**
  - Protective, insulated ring handle mounted on rear for aiming.
- **Weight:**
  - Approx. 9 lbs. (4.1kg)
- **Dimensions:**
  - 11¼ x 11¼ x 13¾” (29x29x35cm)

**ACCESSORIES**
- 4-Leaf Barndoors (BBD4)
  - Item # ALBD4SP .......... 52.50
- Iron Pipe Clamp (Black)
  - Item # ALCBSP .......... 14.95
- 10° Color Frame
  - Item # ALCFSP .......... 4.95
- Malleable Iron Pipe Clamp
  - Item # ALCSP .......... 13.95
- Manual Color Wheel
  - Item # ALCWMS ......... 69.95
- Motorized Color Wheel
  - Item # ALCWMSPQ ...... 123.95
- Safety Cable (Black)
  - Item # ALSBCSP ...... 6.50
- Safety Cable (SC)
  - Item # ALSCSP ........ 4.95
- Snoot
  - Item # ALSSP .......... 19.95
- Medium Flood Spread (180112)
  - Item # ALFSP .......... 5.95
- Narrow Spot (180111)
  - Item # ALLNSP .......... 5.95
- Very Narrow Spot (180110)
  - Item # ALLVNSP .......... 5.95
- Wide Flood Spread (180113)
  - Item # ALWSP .......... 5.95
- Safety Cable (Black)
  - Item # ALBCSP ...... 6.50
- Set of 4 Lenses (970150)
  - Item # ALLSSP .......... 23.50

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLC</td>
<td>115</td>
<td>575</td>
<td>400</td>
<td>3200°K</td>
<td>GBGLC</td>
<td>29.95</td>
</tr>
</tbody>
</table>

**PHOTO METRICS**

**NARROW SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>F.C.</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>H 3’ (0.9m) W 3’ (0.9m)</td>
<td>4143</td>
<td>44,579</td>
<td>45</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>H 6’ (1.8m) W 6’ (1.8m)</td>
<td>1036</td>
<td>11,147</td>
<td>22.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>H 8’ (2.4m) W 8’ (2.4m)</td>
<td>460</td>
<td>4950</td>
<td>16</td>
</tr>
</tbody>
</table>

**MEDIUM FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>F.C.</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>H 3’ (0.9m) W 5’ (1.5m)</td>
<td>1522</td>
<td>16,377</td>
<td>22.8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>H 7’ (2.1m) W 10’ (3.0m)</td>
<td>381</td>
<td>4100</td>
<td>11.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>H 10’ (3.0m) W 16’ (4.9m)</td>
<td>169</td>
<td>1818</td>
<td>8.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
A rugged, compact location set light for use as small key, backlight or kicker. Produces a powerful 53° beam using a 300-Watt FKW (CP81) lamp. Features a clam shell door, short cord for grid mounting or 25’ cable with heavy duty in-line switch, 80mm standard focus lens, safety screen, flat steel stirrup with combo adapter, cord wrap and hinged filter frame. Accepts all standard 5˝ (12.7cm) accessories. Optional 4-way barn-doors, 2-in-1 snoot and scrim set and other accessories are available.

**Lighting Tip**

In portraiture all the shadows in a shot must point in the same direction.

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FKW</td>
<td>120</td>
<td>300</td>
<td>150</td>
<td>3200°K</td>
<td>GBFKW</td>
<td>24.95</td>
</tr>
</tbody>
</table>

**Photometrics with FKW Lamp**

**Flood**

- 5’ (1.5m): 5.1’ (1.6m) 168 1808 36
- 7.5’ (2.3m): 7.6’ (2.3m) 75 807 22
- 10’ (3.0m): 10.2’ (3.1m) 42 145 16

**Spot**

- 5’ (1.5m): 1.1’ (0.3m) 600 6456 64
- 7.5’ (2.3m): 1.7’ (0.5m) 267 2873 45
- 10’ (3.0m): 2.3’ (0.7m) 150 1614 36

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
PROLINE 650L FRESNEL

**FEATURES**
- Rugged lightweight die-cast and extruded aluminum housing
- Spring action top accessories latch
- Easy operating focusing controls
- Non-corroding materials and hardware
- Hinged filter frame included
- Easy lamp access

**SPECIFICATIONS**

**Head:**
- Extruded and die-cast aluminum construction.

**Materials:**
- Employs all non-corroding materials and hardware.

**Rating:**
- 120/240V AC/DC operation
- 5.4 amps, 650W maximum.

**Cable:**
- 36” (0.9m) hanging model.
- 25” (7.6m) stand model.

**Lens:**
- 4.4” (112mm) short focus borosilicate fresnel lens.

**Focusing:**
- Easy glide worm gear with high temperature rear knob.

**Weight:**
- (Less Cable) Approx. 8 lbs. (3.6kg)

**Dimensions:**
- 7” x 8” x 7” (LWH) (19.6x22.2x18.4cm)

**ACCESSORIES**

- 4-Leaf Barndoors (F4BD4)
  - Item # ALBD4650L ............ 46.95
- Malleable Iron Pipe Clamp (Black) (510FV)
  - Item # ALCP650L ............. 14.95
- Hinged Filter Frame (Repl.) (F4FF)
  - Item # ALFF650L ............. 16.95
- 5/8” Multi Mount Spigot (FSAS)
  - Item # ALS650L ............... 16.95
- Safety Cable (SC)
  - Item # ALS650C ............... 4.95
- Safety Cable (Black) (SCBLK)
  - Item # ALS650BL ............. 6.50
- 2-In-1 Snoot Set (F4SN)
  - Item # ALS650SL ............ 69.95
- 6” Full Double Scrim (F4FD)
  - Item # ALS650SLD ........... 11.95
- 6” Full Single Scrim (F4FS)
  - Item # ALS650SLS ........... 11.95
- 6” Half Double Scrim (F4HD)
  - Item # ALSH650SLD .......... 14.50
- 6” Half Single Scrim (F4HS)
  - Item # ALSH650SLS .......... 13.50
- Set of 4 Scrims (F4SCSET)
  - Item # ALS650SLQ .......... 53.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRK</td>
<td>120</td>
<td>650</td>
<td>150</td>
<td>3200°K</td>
<td>GBFRK</td>
<td>29.95</td>
</tr>
<tr>
<td>FKW</td>
<td>120</td>
<td>300</td>
<td>150</td>
<td>3200°K</td>
<td>GBFKW</td>
<td>24.95</td>
</tr>
<tr>
<td>FRG</td>
<td>120</td>
<td>500</td>
<td>150</td>
<td>3200°K</td>
<td>GBFRG</td>
<td>34.95</td>
</tr>
</tbody>
</table>

**PHOTOMETRICS WITH FRK LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>11.3” (3.4m)</td>
<td>90</td>
<td>968</td>
<td>5.64</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>17.0” (5.2m)</td>
<td>40</td>
<td>430</td>
<td>4.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>22.6” (6.9m)</td>
<td>22.5</td>
<td>242</td>
<td>2.85</td>
</tr>
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</table>

**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>2.0” (0.6m)</td>
<td>550</td>
<td>5918</td>
<td>16.2</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>3.0” (0.9m)</td>
<td>244</td>
<td>2625</td>
<td>11</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>4.0” (1.2m)</td>
<td>137.5</td>
<td>1480</td>
<td>8</td>
</tr>
</tbody>
</table>

*With ISO 100 film @ 1/8 sec.

Serves as a 650-, 500- or 300-Watt small key, backlight or kicker, providing unparalleled lighting across its versatile power range. Features a clam shell door, short cord for grid mounting or 25’ cable with heavy duty inline switch, 112mm standard focus lens, flat steel stirrup with combo adapter, cord wrap and hinged filter frame. Accepts all standard 6¾” (16.82cm) accessories. Optional 4-way barn-doors, 2-in-1 snoot and scrim set and other accessories are available.
Designed to handle small key, backlight or kicker applications, yet compact enough to be used on wall plates, hangers and trom-bones. Features a front door with spring loaded accessory ear, a short lead for grid use or a 25’ cable with heavy duty in-line switch, 130mm short focus lens, safety screen, tubular steel yoke with combo adapter, cord wrap and hinged filter frame. Accepts all standard 7¾” (19.68cm) accessories. Optional 4-way or 8-way barndoors, 2-in-1 snoot and scrim set. Available in stand mounted and hanging versions.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGT</td>
<td>120</td>
<td>1000</td>
<td>250</td>
<td>3200°K</td>
<td>GBEGT</td>
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<td>GBEGN</td>
<td>39.95</td>
</tr>
<tr>
<td>EGR</td>
<td>120</td>
<td>750</td>
<td>200</td>
<td>3200°K</td>
<td>GBEGR</td>
<td>49.95</td>
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</table>

**PHOTO METRICS WITH EGT LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>11.5’ (3.5m)</td>
<td>350</td>
<td>2173</td>
<td>8.5</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>17.3’ (5.3m)</td>
<td>90</td>
<td>968</td>
<td>5.62</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>23.1’ (7.0m)</td>
<td>50</td>
<td>538</td>
<td>4.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**ACCESSORIES**

- Pipe Clamp
- Scrims
- Safety Cable
- Barndoor
- Filter Frame
- Snoot Spigot

**FEATURES**

- Rugged lightweight die-cast and extruded aluminum housing
- Spring action top accessories latch
- Easy operating focusing control
- Non-corroding materials and hardware
- Hinged filter frame included
- Patented twist release socket
- Lightweight, tubular yoke

**SPECIFICATIONS**

**Head:**
Extruded and die-cast aluminum construction.

**Materials:**
Employs all non-corroding materials and hardware.

**Rating:**
120/240V AC/DC operation 8.3/4.2 amps, 1000W maximum.

**Cable:**
36” (0.9m) hanging model. 25’ (7.6m) stand model.

**Lens:**
5.1” (130mm) short focus borosilicate fresnel lens. Wire safety mesh installed.

**Weight:**
(Less Cable)
Approx. 11 lbs. (5.0kg)

**Dimensions:**
9 x 11½ x 11” (LWH) (23 x 29 x 28cm)

**FEATURES**

- Rugged lightweight die-cast and extruded aluminum housing
- Spring action top accessories latch
- Easy operating focusing control
- Non-corroding materials and hardware
- Hinged filter frame included
- Patented twist release socket
- Lightweight, tubular yoke

**SPECIFICATIONS**

- Head:
  Extruded and die-cast aluminum construction.

- Materials:
  Employs all non-corroding materials and hardware.

- Rating:
  120/240V AC/DC operation 8.3/4.2 amps, 1000W maximum.

- Cable:
  36” (0.9m) hanging model. 25’ (7.6m) stand model.

- Lens:
  5.1” (130mm) short focus borosilicate fresnel lens. Wire safety mesh installed.

- Weight:
  (Less Cable)
  Approx. 11 lbs. (5.0kg)

- Dimensions:
  9 x 11½ x 11” (LWH) (23 x 29 x 28cm)

**ACCESSORIES**

- 4-Leaf Barndoors (F5BD4)
  Item # ALBD41000L .......... 69.95
- 8-Leaf Barndoors (F5BD8)
  Item # ALBD81000L .......... 96.50
- Hinged Filter Frame (Repl.)
  Item # ALFF1000L .......... 23.95
- Malleable Iron Pipe Clamp (Black)
  Item # ALS1000L .......... 14.95
- Safety Cable (SC)
  Item # ALSC1000L ........... 4.95
- Safety Cable (Black)
  Item # ALSCB1000L ........... 6.50
- 3-In-1 Snoot Set (F5SN)
  Item # ALSS1000L .......... 96.50
- 7½” Full Double Scrim
  Item # ALF5D1000L .......... 23.95
- 7½” Full Single Scrim
  Item # ALF5F1000L .......... 17.50
- 7½” Half Double Scrim
  Item # ALF5H1000L .......... 15.95
- 7½” Half Single Scrim
  Item # ALF5S1000L .......... 17.50
- Set of 4 Scrims
  Item # ALSS1000LQ .......... 64.95

**PROLINE 1000L**

- ProLine 1000L Fresnel (Hanging) (1000LHM)
  Item # AL1000LH .......... 374.50
- ProLine 1000L Fresnel (Stand Mount) (1000LSM)
  Item # AL1000LS .......... 374.50

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>EGT</td>
<td>120</td>
<td>1000</td>
<td>250</td>
<td>3200°K</td>
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**PHOTO METRICS WITH EGT LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
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<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>11.5’ (3.5m)</td>
<td>350</td>
<td>2173</td>
<td>8.5</td>
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<tr>
<td>15’ (4.6m)</td>
<td>17.3’ (5.3m)</td>
<td>90</td>
<td>968</td>
<td>5.62</td>
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<tr>
<td>20’ (6.1m)</td>
<td>23.1’ (7.0m)</td>
<td>50</td>
<td>538</td>
<td>4.5</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Indispensable on-location, in the studio or for rental inventory, for use as a keylight, backlight or kicker. Operates with 1000, 1500 or 2000 watt lamps. Features a front door with spring action top accessory latch, easy operating focusing controls, non-corroding materials and hardware, hinged filter frame included, patented twist release socket, lightweight, tubular yoke, wire safety screen, rib design for superior strength & ventilation.

**SPECIFICATIONS**

- **Rating:** 120/240V AC/DC operation, 16.7 amps, 2000W maximum.
- **Cable:** 36˝ (0.9m) hanging model, 25˝ (7.6m) stand model.
- **Lens:** 6.8˝ (175mm) borosilicate glass. Wire safety mesh installed.
- **Weight:** (Less Cable) Approx. 28 lbs (12.7kg.)
- **Dimensions:** 11¼ x 15 x 10¾˝ (LWH) (29x38x27cm)

- **Additional Features:**
  - Rugged lightweight die-cast and extruded aluminum housing
  - Spring action top accessories latch
  - Easy operating focusing controls
  - Non-corroding materials and hardware
  - Hinged filter frame included
  - Patented twist release socket
  - Lightweight, tubular yoke
  - Wire Safety Screen
  - Rib design for superior strength & ventilation

**LAMP SPECIFICATIONS**

- **Bulb**
  - CYX 120 2000 400 3200°K GBCYX 57.50
  - CYV 120 1000 250 3200°K GBCYV 57.50
  - CXZ 120 1500 300 3200°K GBCXZ 97.50

**PHOTOMETRICS WITH CYX BULB**

- **FLOOD**
  - **Distance** | **Beam Diameter** | **Footcandles** | **Lux** | **F-Stop**
  - 15’ (4.6m) | 17’ (5.2m) | 246 | 2467 | 22.4
  - 20’ (6.1m) | 23’ (7.0m) | 138 | 1485 | 16.8
  - 25’ (7.6m) | 29’ (7.6m) | 89 | 958 | 15.2

- **SPOT**
  - **Distance** | **Beam Diameter** | **Footcandles** | **Lux** | **F-Stop**
  - 15’ (4.6m) | 3’ (0.9m) | 891 | 9587 | 45.8
  - 20’ (6.1m) | 4’ (1.2m) | 501 | 5391 | 36.8
  - 25’ (7.6m) | 5’ (1.5m) | 321 | 3454 | 36

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**ACCESSORIES**

- **Pipe Clamp**
- **Scrims**
- **Safety Cable** (Black)
- **Barndoor**
- **Filter Frame**
- **Snoot**
- **Operating Pole**
- **Spigot**

**PROLINE 2000L FEATURES**

- Rugged lightweight die-cast and extruded aluminum housing
- Spring action top accessories latch
- Easy operating focusing controls
- Non-corroding materials and hardware
- Hinged filter frame included
- Patented twist release socket
- Lightweight, tubular yoke
- Wire Safety Screen
- Rib design for superior strength & ventilation

**LAMPS**

- **Item #** ALBD42000L
  - 4-Leaf Barndoor (F7BD4)
  - 77.95
- **Item #** ALBD82000L
  - 8-Leaf Barndoor (F7BD8)
  - 112.50
- **Item #** ALCB2000L
  - Heavy Duty Pipe Clamp (Black) (510HDFV)
  - 25.95
- **Item #** ALFF2000L
  - Hinged Filter (Repl.) (F7FF)
  - 28.50
- **Item #** ALOP2000L
  - 4´ (1.2m) Non-Telescoping Operating Pole (FOP48)
  - 82.95
- **Item #** ALS2000L
  - 5/8˝ Multi Mount Spigot (FSAL)
  - 18.95
- **Item #** ALSC2000L
  - Safety Cable (SC)
  - 4.95
- **Item #** ALSCB2000L
  - Safety Cable (Black) (SCBLK)
  - 6.50
- **Item #** ALSS2000L
  - 3-In-1 Snoot Set (F7SN)
  - 114.95
- **Item #** ALSFD2000L
  - 9˝ Full Double Scrim (F7FD)
  - 17.50
- **Item #** ALSFSD2000L
  - 9˝ Full Single Scrim (F7FS)
  - 15.95
- **Item #** ALSHD2000L
  - 9˝ Half Double Scrim (F7HD)
  - 15.95
- **Item #** ALSHS2000L
  - 9˝ Half Single Scrim (F7HS)
  - 15.95
- **Item #** ALSS2000LQ
  - Set of 4 Scrims (FTS2SET)
  - 64.95

**PROLINE 2000L FRESNEL**

**ProLine 2000L Fresnel (Hanging) (2000LHM)**
- Item # AL2000LH 479.50

**ProLine 2000L Fresnel (Stand Mount) (2000LSM)**
- Item # AL2000LS 479.50

- Item # AL2000LP 589.95

**LIGHTING TIP**

The longer you use a lamp the more chance there is of a decline in color temperature.
Power and versatility make this instrument a workhorse as a keylight, backlight or kicker. Features a front door with spring action top accessory ear, heavy-duty on board switch, a short lead for grid use or a 25’ (7.6m) cable for stand mounting, 9.8” (250mm) short focus lens, safety screen, tubular steel yoke with 1½” pin or heavy-duty pipe clamp, cord wrap and hinged filter frame. Accepts all standard 13” (33cm) accessories. Optional 4-way or 8-way barndoors, 3-in-1 snot and scrim set.

**SPECIFICATIONS**

**Features**
- Rugged lightweight die-cast and extruded aluminum housing
- Spring action top accessories latch
- Easy operating focusing control
- Non-corroding materials and hardware
- Ventilation stack
- Hinged filter frame included
- Patented twist release socket
- Lightweight, tubular yoke
- Wire Safety Screen
- Rib design for superior strength and ventilation

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp (°K)</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>DPY</td>
<td>120</td>
<td>5000</td>
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**Photometrics with DPY Lamp**

**Flood**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (in)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
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<tbody>
<tr>
<td>15 (4.6m)</td>
<td>17 (5.2m)</td>
<td>396</td>
<td>4261</td>
<td>36.2</td>
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<tr>
<td>20 (6.1m)</td>
<td>23 (7.0m)</td>
<td>226</td>
<td>2432</td>
<td>22.8</td>
</tr>
<tr>
<td>25 (7.6m)</td>
<td>28 (8.5m)</td>
<td>142</td>
<td>1528</td>
<td>22</td>
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**Screen and Spot**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (in)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 (4.6m)</td>
<td>3 (0.9m)</td>
<td>1961</td>
<td>21100</td>
<td>64.8</td>
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<td>20 (6.1m)</td>
<td>4 (1.2m)</td>
<td>1103</td>
<td>11868</td>
<td>64</td>
</tr>
<tr>
<td>25 (7.6m)</td>
<td>5 (1.5m)</td>
<td>706</td>
<td>7596</td>
<td>45</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**Accessories**

- Pipe Clamp
- Scrims
- Safety Cable
- Barndoor
- Filter Frame
- Spigot
- Operating Pole
- 4-Leaf Barndoor (F10BD4)
  Item # ALBD45000L ..........94.50
- 8-Leaf Barndoor (F10BD8)
  Item # ALBD85000L ..........128.95
- Heavy Duty Pipe Clamp (Black) (S10HPV)
  Item # ALC5000L ..........25.95
- Hinged Filter Frame (Repl.) (F10FF)
  Item # ALFF5000L ..........49.55
- 4’ (1.2m) Non-Telescoping Operating Pole (FOP48)
  Item # ALOP5000L ..........82.95
- 5/8” Multi Mount Spigot (FSAL)
  Item # ALS5000L ..........18.95
- Safety Cable (SC)
  Item # ALSC5000L ..........34.95
- Safety Cable (Black) (SCBLK)
  Item # ALSCB5000L ..........6.50
- 3-In-1 Snoot Set (F10SN)
  Item # ALSS5000L ..........123.95
- 13” Full Double Scrim (F10DF)
  Item # ALSF5000L ..........24.95
- 13” Full Single Scrim (F10FS)
  Item # ALSF5000L ..........23.95
- 13” Half Double Scrim (F10HD)
  Item # ALSH5000L ..........24.95
- 13” Half Single Scrim (F10HS)
  Item # ALSH5000L ..........23.95
- Set of 4 Scrims (F10SCSET)
  Item # ALSS5000LQ ..........93.95

**Bulb Voltage Watts Life Hours Color Temp Item # Price**

| DPY | 120 | 5000 | 500 | 3200°K | GBDPY | 274.95 |

**ORDER & INFORMATION**

(212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
PROLINE 1000S FRESNEL

Sets a new standard for film, video broadcast and cable studio use, yet small enough for location work. Serves as a keylight, backlight or kicker. Features a front door with spring action accessory ear, a short lead for grid use or a 25’ cable with heavy duty in-line switch, 175mm short focus lens, safety screen, tubular steel yoke with combo adapter or pipe clamp, cord wrap, and hinged filter frame. Accepts all standard 9˝ (22.9cm) accessories.

Optional 4-leaf or 8-leaf barndoors, 3-in-1 snoot and scrim set.

PROLINE 1000S

<table>
<thead>
<tr>
<th>Name</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>ProLine 1000S Fresnel (Hanging)</td>
<td>AL1000SH</td>
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<tr>
<td>ProLine 1000S Fresnel (Stand Mount)</td>
<td>AL1000SS</td>
<td>494.95</td>
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<tr>
<td>ProLine 1000S Fresnel (Pole Operated)</td>
<td>AL1000SP</td>
<td>692.95</td>
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FEATURES

- Rugged lightweight die-cast and extruded aluminum housing
- Spring action top accessories latch
- Easy operating focusing control
- Non-corroding materials and hardware
- Rib design for superior strength and ventilation
- Hinged filter frame included
- Patented twist release socket
- Lightweight, tubular yoke
- Wire Safety Screen

SPECIFICATIONS

- Cable: 36˝ (0.9m) hanging model. 25˝ (7.6m) stand model.
- Lens: 6.8˝ (175mm) short focus, shock resistant, borosilicate glass fresnel lens. Wire safety mesh installed.
- Focusing: Easy glide worm gear with front and rear knobs.
- Weight: (Less Cable): Approx. 22 lbs (10kg)
- Dimensions: 12½ x 15 x 17½˝ (LWH) (32x38x44cm)

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>EGT</td>
<td>120</td>
<td>1000</td>
<td>200</td>
<td>3200°K</td>
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<td>750</td>
<td>200</td>
<td>3200°K</td>
<td>GBEGR</td>
<td>49.95</td>
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PHOTO METRICS WITH EGT LAMP

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<thead>
<tr>
<th>Flood</th>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>10' (3.0m)</td>
<td>10' (3.1m)</td>
<td>186</td>
<td>2001</td>
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<tr>
<td>15' (4.6m)</td>
<td>16' (4.9m)</td>
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<td>893</td>
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<td>20' (6.1m)</td>
<td>21' (6.4m)</td>
<td>47</td>
<td>506</td>
<td>5.6</td>
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<table>
<thead>
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<th>Spot</th>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
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<td>1822</td>
<td>19,605</td>
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<td>15' (4.6m)</td>
<td>3' (0.9m)</td>
<td>830</td>
<td>8716</td>
<td>16.8</td>
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</tr>
<tr>
<td>20' (6.1m)</td>
<td>4' (1.2m)</td>
<td>456</td>
<td>4907</td>
<td>16</td>
<td></td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

LIGHTING TIP

Hot lights are called hot for a reason. You should really not use them around children or pets. They really don't work well for food photography either, strobes would be a much better choice.
Perfect as a studio spotlight in film, video, broadcast and cable studio applications or on location where a smooth, even field and greater spread is desired. Serve as a keylight or backlight. Features a front door with spring loaded top accessory latch, easy operating focusing control, non-corroding materials and hardware, rib design for superior strength & ventilation, hinged filter frame included, patented twist-release socket, lightweight, tubular yoke, and wire safety screen.

**SPECIFICATIONS**

**Rating:**
120/240V AC/DC operation
16.7 amps, 2000W maximum.

**Cable:**
36" (0.9m) hanging model.
25" (7.6m) stand model.

**Lens:**
9.8" (250mm) short focus, shock resistant, borosilicate glass fresnel lens. Wire safety mesh installed.

**Weight:**
Approx. 36 lbs (16.4kg)

**Dimensions:**
151⁄2 x 191⁄2 x 22˝ (LWH) (39x50x56cm)

■ Rugged lightweight die-cast and extruded aluminum housing
■ Spring action top accessories latch
■ Easy operating focusing control
■ Non-corroding materials and hardware
■ Rib design for superior strength & ventilation
■ Hinged filter frame included
■ Patented twist-release socket
■ Lightweight, tubular yoke
■ Wire Safety Screen

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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**PHOTO METRICS WITH CYX LAMP**

**FLOOD**

<table>
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<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
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<tbody>
<tr>
<td>15’ (4.6m)</td>
<td>21.0’ (6.4m)</td>
<td>221</td>
<td>2378</td>
<td>22.2</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>27.5’ (8.4m)</td>
<td>124</td>
<td>1334</td>
<td>16.8</td>
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<tr>
<td>25’ (7.6m)</td>
<td>34.0’ (10.4m)</td>
<td>80</td>
<td>861</td>
<td>16</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 1/8 sec.

**SPOT**

<table>
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<th>Distance</th>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
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<td>3.5’ (1.1m)</td>
<td>1213</td>
<td>13,052</td>
<td>64</td>
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<td>20’ (6.1m)</td>
<td>5.0’ (1.5m)</td>
<td>686</td>
<td>7381</td>
<td>45.5</td>
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<tr>
<td>25’ (7.6m)</td>
<td>6.0’ (1.8m)</td>
<td>437</td>
<td>4702</td>
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**ACCESSORIES**

- 4-Leaf Barndoor (F10BD4)
  Item # ALBD42000S........94.50
- 8-Leaf Barndoor (F10BD8)
  Item # ALBD82000S........128.95
- Safety Cable (Black) (SCBLK)
  Item # ALSCB2000S.........6.50
- Heavy Duty Pipe Clamp (Black) (S10HDFV)
  Item # ALFC2000S.........25.95
- Hinged Filter Frame (Repl.) (F10FF)
  Item # ALFF2000S.........34.95
- 4’ (1.2m) Non-Telescoping Operating Pole (FOP48)
  Item # ALOP2000S.........83.50
- 5/8” Multi Mount Spigot (FSAL)
  Item # ALS2000S........18.95
- 3-In-1 Snot Set (F10SN)
  Item # ALSS2000S.........123.95
- 13’ Full Double Scrim (F10FD)
  Item # ALSFS2000S.........24.95
- 13’ Full Single Scrim (F10FS)
  Item # ALSFS2000S.........24.95
- 13’ Half Double Scrim (F10HD)
  Item # ALSHD2000S.........24.95
- 13’ Half Single Scrim (F10HS)
  Item # ALSHS2000S.........23.95
- Set of 4 Scrims (F10SCSET)
  Item # ALSS2000SQ........93.95
- 13’ Half Single Scrim (F10HS)
  Item # ALSHS2000S.........23.95
- 13’ Full Single Scrim (F10FS)
  Item # ALSFS2000S.........23.95
- 13’ Full Double Scrim (F10FD)
  Item # ALSFS2000S.........24.95
- 13’ Full Single Scrim (F10FS)
  Item # ALSFS2000S.........24.95
- 13’ Half Double Scrim (F10HD)
  Item # ALSHD2000S.........24.95
- 13’ Half Single Scrim (F10HS)
  Item # ALSHS2000S.........23.95
- Set of 4 Scrims (F10SCSET)
  Item # ALSS2000SQ........93.95
The 5000S is a compact, high output fresnel designed for use in the TV/Film studio where an intense even field with sharp cutting capability is desired. Produces a powerful and extremely wide 61° spread with a smooth, even field. Serves as key-light or backlight for film, video, broadcast and cable studio applications or for heavy location work. Features a front door with spring action top accessory latch, barndoor rollers for easy rotation, easy operating focusing controls, corrosion-resistant materials & hardware, hinged filter frame included, patented twist release socket, lightweight, tubular yoke.

**SPECIFICATIONS**

- **Rating:** 120/240V AC/DC operation 41.7/20.8 amps, 5000W max.
- **Cable:** 36˝ (0.9m) with hanging and pole-operated models 25´ (7.6m) with stand model.
- **Lens:** 11.8˝ 300mm) short focus borosilicate fresnel lens. Wire safety mesh installed.
- **Weight:** (Less Cable) Approx. 55 lbs. (25.0kg)
- **Dimensions:** 19 x 23 x 31½˝ (LWH) (48x58x80cm)

**ACCESSORIES**

- 4-Leaf Barndoor (F12BD4)
  - Item # ALBD45000S ....... 103.50
- 8-Leaf Barndoor (F12BD8)
  - Item # ALBD85000S ....... 133.50
- Heavy Duty Pipe Clamp (Black) (510HDFV)
  - Item # ALC5000S ......... 25.95
- Hinged Filter Frame (Repl.) (F12FF)
  - Item # ALFF5000S .......... 37.95
- 4´ (1.2m) Non-Telescoping Operating Pole (FOP48)
  - Item # ALOP5000S ............ 82.95
- 5/8˝ Multi Mount Spigot (FSAL)
  - Item # ALS5000S ........... 18.95
- Safety Cable (SC)
  - Item # ALSC5000S ...... ... 4.95
- Safety Cable (Black) (SCBLK)
  - Item # ALSCB5000S ........ 6.50
- 3-In-1 Snoot Set (F12SN)
  - Item # ALSS5000S ....... 149.95
- 15˝ Full Double Scrim (F12FD)
  - Item # ALSFD5000S ...... 28.50
- 15˝ Full Single Scrim (F12FS)
  - Item # ALSFS5000S ........ 27.95
- 15˝ Half Double Scrim (F12HD)
  - Item # ALSHD5000S ........ 27.95
- 15˝ Half Single Scrim (F12HS)
  - Item # ALSHS5000S ........ 27.95
- Set of 4 Scrims (F12SCSET)
  - Item # ALSS5000SQ ....... 80.00

**LAMP SPECIFICATIONS**

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<th>Bulb</th>
<th>Voltage</th>
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<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
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**PHOTOMETRICS WITH DPY LAMP**

**FLOOD**

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<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>23.5´ (7.2m)</td>
<td>204</td>
<td>2195</td>
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<td>25´ (7.6m)</td>
<td>29´ (8.8m)</td>
<td>139</td>
<td>1496</td>
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</tr>
<tr>
<td>30´ (9.1m)</td>
<td>35´ (10.7m)</td>
<td>90</td>
<td>968</td>
<td>5.65</td>
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**SPOT**

<table>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
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<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>4´ (1.2m)</td>
<td>1274</td>
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<td>25´ (7.6m)</td>
<td>5´ (1.5m)</td>
<td>814</td>
<td>8759</td>
<td>11.5</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>6´ (1.8m)</td>
<td>565</td>
<td>608</td>
<td>17</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
A lightweight very short throw, all purpose lighting device, the 100 produces a soft edge beam which varies in diameter from 4.2’ (1.3m) to 10.4’ (3.2m) at a throw distance of 10’ (3.0m). The 100 is designed for incandescent lamps as well as tungsten halogen lamps. The unit is used in theatre for specials or in television and photographic studios for tabletop applications. Other uses include nightclubs, museums and show windows where soft edged controlled lighting is required. With the installation of the 99 Picture Frame Adapter, this device becomes a perfect, low brightness framing projector for residential, gallery and museum use. This rotatable, chrome plated adapter inserts directly in place of the 3” Fresnel lens and is adjustable for a soft or hard edged focus. Four completely adjustable and removable framing shutters are included.

100W 3˝ FRESNEL

100W 3˝ Fresnel (100)
Item # ALI ..................... 73.50

FEATURES
- 3˝ Heat resisting Fresnel lens
- Die-cast aluminum construction
- Double contact bayonet socket
- Specular spherical Alzak aluminum reflector
- Rotatable picture frame adapter available
- Three 36˝ Teflon lead wires
- Plated steel color frame incl.
- 3/4˝ Cast aluminum mounting base included
- U.L. and c.U.L. listed for 100 watts.

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tr>
<td>ESR</td>
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PHOTOMETRICS WITH ESR LAMP

FLOOD

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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>5.2˝ (1.6m)</td>
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<td>7.5’ (2.3m)</td>
<td>7.8˝ (2.4m)</td>
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<td>10’ (3.4m)</td>
<td>10.4˝ (3.2m)</td>
<td>15</td>
<td>161</td>
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HARD EDGE SPOT

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<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>2.1˝ (0.6m)</td>
<td>33</td>
<td>355</td>
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</tr>
<tr>
<td>7.5’ (2.3m)</td>
<td>3.2˝ (1.0m)</td>
<td>15</td>
<td>161</td>
<td>8</td>
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<tr>
<td>10’ (3.4m)</td>
<td>4.3˝ (1.3m)</td>
<td>8</td>
<td>86</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
MICRO FLOOD 75W

The Micro Flood is a lightweight soft-edged spotlight designed to produce narrow to wide beam spreads up to 15´ (4.6m) away. The luminaire utilizes the popular MR-16 family of dichroic reflector lamps which are ideal for lighting floral arrangements, window displays, and nightclubs. The narrow to wide beam spreads are a result of the type of MR-16 lamp that is selected and installed. The Micro Flood is available in an array of anodized colors with optional dichroic color filter assemblies.

**LAMPS SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
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<th>Price</th>
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<td>75</td>
<td>4000</td>
<td>3200°K</td>
<td>GBEYF</td>
<td>1.95</td>
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<td>EYJ</td>
<td>12</td>
<td>75</td>
<td>4000</td>
<td>3200°K</td>
<td>GBEYJ</td>
<td>1.95</td>
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<tr>
<td>EYC</td>
<td>12</td>
<td>75</td>
<td>4000</td>
<td>3200°K</td>
<td>GBEYC</td>
<td>6.95</td>
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**PHOTO METRICS WITH EYC LAMP**

- **FLOOD**
  - Distance: 5´ (1.5m)  
  - Beam Diameter: 4´ (1.2m)  
  - Footcandles: 84  
  - Lux: 904  
  - F-Stop: 16.5
  - Distance: 10´ (3.4m)  
  - Beam Diameter: 8.5´ (2.6m)  
  - Footcandles: 21  
  - Lux: 226  
  - F-Stop: 8.5
  - Distance: 15´ (4.6m)  
  - Beam Diameter: 12´ (3.7m)  
  - Footcandles: 9  
  - Lux: 97  
  - F-Stop: 2.2

- **SPOT**
  - Distance: 5´ (1.5m)  
  - Beam Diameter: 2´ (0.6m)  
  - Footcandles: 492  
  - Lux: 5294  
  - F-Stop: 16
  - Distance: 10´ (3.4m)  
  - Beam Diameter: 3.2´ (1.0m)  
  - Footcandles: 123  
  - Lux: 1323  
  - F-Stop: 8
  - Distance: 15´ (4.6m)  
  - Beam Diameter: 4.4´ (1.3m)  
  - Footcandles: 54  
  - Lux: 581  
  - F-Stop: 5.6

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**ACCESSORIES**

- **33⁄8˝ Color Frame (Repl.)**
  - Item # ALCFMF ...................3.50
- **Cast Aluminum Baby Pipe Clamp (510M)**
  - Item # ALCMF ....................7.95
- **4-Leaf Barndoor (MBD)**
  - Item # ALBD4MF ..............33.50

**FEATURES**

- Attractive extruded aluminum housing
- Die-cast aluminum components
- Dimmable magnetic transformer
- Push-on type two-pin ceramic socket
- Tool free lamp centering
- Adaptable to most track systems
- Aluminum color frame included
- U.L. listed for 75 watts with standard cable and molded plug.

**SPECIFICATIONS**

- **Head:** Ribbed aluminum extrusion and die-cast aluminum construction.
- **Materials:** Construction employs all corrosion-resistant materials and hardware.
- **Hardware:** SAE Hardware. All handles heat resistant phenolic.
- **Rating:** 120 volts AC operation, .625 amps, 75 watts maximum. (220-240 VAC, 50/60 Hz unit available.)
- **Socket:** Miniature 2-pin, G5.3. Toolless relamping.
- **Cable:** 6´ total length with molded male Edison plug. (Unless track adapter specified.)
- **Transformer:** 11.5 Volt secondary, dimmable magnetic with internal thermal fuse. WARNING! Fixture may be dimmed using ONLY dimmers rated and approved for INDUCTIVE LOADS.
- **Cooling:** Convection cooled.
- **Yoke:** 1” x 1/8” aluminum yoke with 1/2” dia. hole.
- **Focusing, Lamp:** Fully adjustable in 3 axes without tools, each axis independent of the other.
- **Finish:** Baked black enamel, electrostatic application. Custom white or anodized colors available.
- **Accessories:** Accepts 3½ dia. accessories.
- **Weight:** Approx. 4 lbs. (1.8kg)
- **Dimensions:** 4 x 3½ x 8½ (LWH) (11x9x22cm)

**LIGHTING TIP**

The size, finish and shape of a reflector determine the quality of light from tungsten or strobe lights.
A lightweight, short throw, all purpose lighting device the 6” fresnel produces a soft edged beam which varies in diameter from 4.2’ (1.3m) to 21’ (6.4m) at a throw distance of 15’ (4.6m) for the 65Q and 165Q. The 65Q and 165Q are designed for operation with long life, high intensity tungsten halogen lamps. The Luminaire is used in theatre for acting area lighting where beam shaping is not required or in television studios for key and backlighting. Other uses include nightclubs, museums and show windows where soft edge controlled lighting is required.

**6˝ Heat resisting Fresnel lens**  
**Sheet steel welded construction**  
**Medium prefocus socket**  
**Specular spherical Alzak aluminum reflector**  
**Spot to flood focus adjustment**  
**Three 36˝ Teflon lead wires**  
**Plated steel color frame included**  
**Up to 25’ of Hi-Temp rubber cable optional**  
**U.L. & c.U.L. listed for 750W**

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>8TN</td>
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<td>750</td>
<td>500</td>
<td>305° K</td>
<td>GB8TN</td>
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### PHOTOMETRICS

#### FLOOD

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<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
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<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>14’ (4.3m)</td>
<td>88</td>
<td>947</td>
<td>22</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>21’ (6.4m)</td>
<td>39</td>
<td>420</td>
<td>16</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>28’ (8.5m)</td>
<td>22</td>
<td>237</td>
<td>11</td>
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#### SPOT

<table>
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<tr>
<th>Distance</th>
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<th>Lux</th>
<th>F-Stop</th>
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<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>2.8’ (0.8m)</td>
<td>925</td>
<td>9953</td>
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<td>15’ (4.6m)</td>
<td>4.2’ (1.3m)</td>
<td>411</td>
<td>4422</td>
<td>45</td>
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<tr>
<td>20’ (6.1m)</td>
<td>5.6’ (1.7m)</td>
<td>231</td>
<td>2485</td>
<td>36.2</td>
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1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
A basic set lighting device for stage, studio and television; the 1KAF produces a soft edged beam which varies in diameter from 5.7’ (1.7m) to 39’ (11.9m) at a throw distance of 25’ (7.6m). The 1KAF is designed for operation with long life, high intensity, tungsten halogen lamps, with either medium bi-post or pre-focus bases. The luminaire is used in theatre for acting area lighting where beam shaping is not required, or in the studio as a key-light or back-light when a smooth even beam is required. Constructed of cast aluminum and designed to withstand trouping. The 1KAF is also used in nightclubs, museums and showrooms where high intensity, soft edged controlled lighting is required.

### FEATURES
- 6˝ Heat resisting Fresnel lens
- Rugged lightweight die-cast aluminum
- Specular spherical Alzak aluminum reflector
- Spot to flood focus adjustment with unique quick set adjustment lever
- Three 36˝ Teflon lead wires
- Plated steel color frame incl.
- Up to 25’ of Hi-Temp rubber cable optional
- Safety screen provided
- U.L. & c.U.L. listed for 1000W

### SPECIFICATIONS
- **Cable:**
  - 36˝(91cm) Teflon leads encased in Black fiberglass sleeving. Hi-Temp rubber cable, option, up to 25’ (7.6m)
- **Weight:** Approx. 13 lbs. (5.9kg)
- **Lens:** High quality Suprax borosilicate lens with stippling on flat surface.
- **Dimensions:** 12½ x 10 x 16½” (LWH) (32.0x25.4x42.5cm)

### ACCESSORIES
- 7½˝ Color Frame (Repl.) (GCF)
  - Item # ALCCF1KAF............2.95
- 7½˝ Color Frame (Black) (GCFB)
  - Item # ALCCFB1KAF............4.95
- Malleable Iron Pipe Clamp (510)
  - Item # ALCI1KAF............13.95
- Malleable Iron Pipe Clamp (Black) (510BLK)
  - Item # ALCI1KAFBLK........14.95
- Safety Cable (SC)
  - Item # ALSC1KAF................4.95
- Safety Cable (Black) (SCBLK)
  - Item # ALSC1KAFBLK........6.50
- 4-Leaf Barndoor (6BD4)
  - Item # ALBD41KAF........45.95
- Snoot (6SN)
  - Item # ALSN1KAF............16.95
- Manual Color Wheel (195A6)
  - Item # ALCM1KAF........59.95
- Motorized Color Wheel (4046)
  - Item # ALCM1KAFQ........104.95

### LAMP SPECIFICATIONS BI-POST

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<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
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### LAMP SPECIFICATIONS PRE-FOCUS

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### PHOTOMETRICS

#### PRE-FOCUS FLOOD

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<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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<td>15’ (4.6m)</td>
<td>23’ (7.0m)</td>
<td>53</td>
<td>570</td>
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<td>20’ (6.1m)</td>
<td>30’ (9.1m)</td>
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#### PRE-FOCUS SPOT

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<td>10’ (3.0m)</td>
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<td>19,260</td>
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<tr>
<td>15’ (4.6m)</td>
<td>3.4’ (1.0m)</td>
<td>796</td>
<td>8565</td>
<td>16.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>4.5’ (1.4m)</td>
<td>448</td>
<td>4820</td>
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### BI-POST FLOOD

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<td>44</td>
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<tr>
<td>20’ (6.1m)</td>
<td>32’ (9.7m)</td>
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<td>269</td>
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### BI-POST SPOT

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<th>Footcandles</th>
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<tbody>
<tr>
<td>10’ (3.0m)</td>
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<td>1790</td>
<td>19,260</td>
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<tr>
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<td>3.4’ (1.0m)</td>
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<td>8565</td>
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<tr>
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<td>4.5’ (1.4m)</td>
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<td>4820</td>
<td>16</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
A lightweight, long throw, all purpose lighting device the 8˝ fresnel produces a soft edged beam which varies in diameter from 6.3˝ (1.9m) to 25´ (7.6m) at a throw distance of 30´ (9.1m). The 75Q and 175Q are designed for operation with long life, high intensity, tungsten halogen lamps. The luminaire is used in the theatre for acting area lighting where beam shaping is not required, or in television studios as a key-light or back-light when a smooth even beam is required. Other uses include nightclubs, museums and show-rooms where high intensity, soft edged controlled lighting is required.

**FEATURES**
- 8˝ heat resisting Fresnel lens
- Sheet welded construction
- Mogul prefocus socket
- Specular spherical Alzak aluminum reflector
- Spot to flood focus adjustment
- Three 36˝ Teflon lead wires
- Plated steel color frame included
- U.L. & c.U.L. listed for 1000W

**SPECIFICATIONS**

| Cable: | 36˝ (91cm) Teflon leads encased in Black fiberglass sleeving. |
| Lens: | Pyrex Fresnel lens with stippling on flat surface. |
| Weight: | Approx. 17.5 lbs. (7.9kg) |
| Dimensions: | 75Q - 11 x 13½ x 18˝ (LWH) (27.9x34.5x45.7cm)  
175Q - 13½ x 13½ x 19˝ (LWH) (34.5x34.5x48.3cm) |

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
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<tr>
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<td>1000</td>
<td>500</td>
<td>305°K</td>
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**PHOTO METRICS**

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<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tr>
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<tr>
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<td>6.3´ (1.9m)</td>
<td>189</td>
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<td>36</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
TRAVEL-LITE KITS

Action Pac (AKACTIONPAC)
Kit includes:
3- 1000L-SM 5˝ fresnels with 25´ (7.6m) cord w/in-line switch, male edison, combination spigot and hinged filter frame
3- F5-BD4 4-leaf barndoors
3- F5-SCSET sets of four 73⁄8˝ scrims: full single density, half single density, full double density & half double density
3- 1000W 120V EGT lamps
1- F-SB durable “safe pack” scrim bag
1- 54-5021 25´ (7.6m) extension cord w/ single receptacle
3- K5-02 9´ (2.7m) telescoping aluminum light stands
1- 80-0001 rugged three cell “easy roll” molded carry case.
Item # ALAPK .................. 1929.95

Comm Pac Lite (AKCOMMIPAC)
Kit includes:
2- 650L-SM 4½˝ fresnels with 25´ (7.6m) cord with in-line switch, male edison, combination spigot and hinged filter frame
2- F4-BD4 4-leaf barndoors
2- F4-SCSET sets of four 6¾˝ scrims: full single density, half single density, full double density & half double density
2- 650W 120V FRK lamps
2- 300L-SM 3˝ fresnels with 25´ (7.6m) cord with in-line switch, male edison, combination spigot and hinged filter frame
2- F3-BD4 4-leaf barndoors
2- F3-SCSET sets of four 5˝ scrims: full single density, half density, full double density, and half double density
2- 300W 120V FKW lamps
1- 54-5022 25´ (7.6m) extension cord with three receptacles
1- F-SB durable “safe pack” scrim bag
1- 54-5022 25´ (7.6m) extension cord with three receptacles
3- K5-02 telescoping aluminum light stands
1- 80-0001 rugged three cell “easy roll” molded carry case.
Item # ALCPK ................. 1794.95

Foto Pac (AKFOTOPAC)
Kit includes:
2- 650L-SM 4½˝ fresnels with 25´ (7.6m) cord with in-line switch, male edison, combination spigot and hinged filter frame
2- F4-BD4 4-leaf barndoors
2- F4-SCSET sets of four 6¾˝ scrims: full single density, half single density, full double density & half double density
2- 650W 120V FRK lamps
1- SOFT-LITE-JR 1000 Watt flood/fill light with filter frame and male edison connector
1- SL-JR-EC egg crate for SOFT-LITE-JR.
1- 1000W 120V FCM lamp for SOFT-LITE-JR.
1- 54-5006 25’ SOFT-LITE-JR power cord with switch
1- F-SB durable “safe pack” scrim bag
1- 54-5022 25´ (7.6m) extension cord with three receptacles
1- F-SAS 5/8˝x 11⁄8˝ combination spigot for SOFT-LITE-JR.
1- F-SB durable “safe pack” scrim bag
1- 54-5022 25´ (7.6m) extension cord with three receptacles
1- F-SAS 5/8˝x 11⁄8˝ combination spigot for SOFT-LITE-JR.
1- 1000W 120V FCM lamp for SOFT-LITE-JR.
1- 54-5006 25’ SOFT-LITE-JR power cord with switch
1- F-SAS 5/8˝x 11⁄8˝ combination spigot for SOFT-LITE-JR.
1- 80-0001 rugged three cell “easy roll” molded carry case.
Item # ALFPK .................. 1384.50

Swing Pac (AKSWINGPAC)
Kit includes:
1- 650L-SM 4½˝ fresnel with 25´ (7.6m) cord w/in-line switch, male edison, combination spigot & hinged filter frame
1- F4-BD4 4-leaf barndoors
1- F4-SCSET set of four 6¾˝ scrims: full single density, half single density, full double density & half double density
1- 650W 120V FRK lamps
1- 300L-SM 3˝ fresnel with 25´ (7.6m) cord w/in-line switch, male edison, combination spigot & hinged filter frame
1- F3-BD4 4-leaf barndoors
1- F3-SCSET set of four 5˝ scrims: full single density, half density, full double density & half double density
1- 300W 120V FKW lamp
1- SOFT-LITE-JR 1000 Watt flood/fill light with filter frame & male edison conn.
1- SL-JR-EC egg crate for SOFT-LITE-JR.
1- 1000W 120V FCM lamp for SOFT-LITE-JR.
1- 54-5006 25’ SOFT-LITE-JR power cord with switch
1- F-SAS 5/8˝x 11⁄8˝ combination spigot for SOFT-LITE-JR.
1- 1000W 120V FCM lamp for SOFT-LITE-JR.
1- 54-5006 25’ SOFT-LITE-JR power cord with switch
1- F-SAS 5/8˝x 11⁄8˝ combination spigot for SOFT-LITE-JR.
1- 80-0001 rugged three cell “easy roll” molded carry case.
Item # ALSPK ................. 1319.95

Equipment Leasing Available
A lightweight multi-purpose ellipsoidal reflector floodlight, the 153 scoop produces a very diffuse soft edged beam of 12.6’’ (3.8m) in diameter at a distance of 5’’ (1.5m). The 153 is designed to operate standard incandescent lamps. The luminaire is used in theatre and television as a flood light where space limitation is a factor. Other uses include puppet theatres, museums and show windows. The scoop is an ideal fixture for set hallway and window backings where color blending and smooth even washes of light are required.

**10˝ 400W SCOOP**

**SPECIFICATIONS**
- **Rating:** 120/240V, AC/DC operation, 400 watts maximum.
- **Weight:** Approx 5½ lbs. (2.5kg).
- **Dimensions:** 10⅜ x 8 x 14¼’’ (27x20x36cm).

**ACCESSORIES**
- Iron Pipe Clamp (Black) (510BLK) Item # ALCB510..................14.95
- Safety Cable (Black) (SCBLK) Item # ALSCB510..................6.50
- 10⅜ Color Frame (Repl.) (153CF) Item # ALCFCS10..............5.95
- Malleable Iron Pipe Clamp (510) Item # ALCFS10.............13.95
- For Photometrics, See Page 246

**100W SCOOP**

**SPECIFICATIONS**
- **Rating:** 120/240V AC/DC operation, 1000 watts maximum.
- **Socket:** Mogul screw base, toolless relamping for 154. Medium Altman M PF medium prefocus, toolless relamping for 160.
- **Weight:** 154 - Approx 9 lbs. (4.1kg) 160 - Approx 8½ lbs. (3.9kg)
- **Dimensions:** 154 - 16 x 13¾ x 14¼’’ (41x34x36cm) 160 - 16 x 19½ x 17’’ (41x50x43cm)

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Beam Lumens</th>
<th>Item #</th>
<th>Price</th>
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14˝ 1000 W SCOOP

Lightweight multi-purpose ellipsoidal reflector floodlights, both scoops produce a very diffuse soft edged beam. Both luminaires are designed to operate high color temperature Tungsten Halogen lamps, as well as standard incandescent lamps. These fixtures are used in theatre and television as both a flood light and a cyclorama fixture. Other uses include photographic and television remote fill light. The scoop is an ideal fixture for color blending and for creating smooth even washes of light.

**SPECIFICATIONS**
- **Rating:** 120/240V AC/DC operation, 1000 watts maximum.
- **Socket:** Mogul screw base, toolless relamping for 154. Medium Altman M PF medium prefocus, toolless relamping for 160.
- **Weight:** 154 - Approx 9 lbs. (4.1kg)
- **Dimensions:** 154 - 16 x 13¾ x 14¼’’ (41x34x36cm)
A lightweight multi-purpose ellipsoidal reflector floodlight, the 161 scoop produces a very diffuse soft edged beam of 20´ (6.1m) in diameter at a distance of 7.5´ (2.3m). The 161 is designed to operate high color temperature tungsten halogen lamps. The luminaire is used in theatre and television both as a flood light and a cyclorama fixture. Other uses include photographic and television remote fill light. The scoop is an ideal fixture for color blending and for creating smooth even washes of light.

**FEATURES**
- Heavy spun aluminum construction.
- Etched matte aluminum reflector.
- Three 36˝ teflon lead wires.
- Circular color frame available.
- Wire mesh safety screen provided.
- Two recessed single contact sockets.
- U.L. listed for 1000 watts.

For Photometrics, See Below.

**SPECIFICATIONS**
- **Rating:**
  - 120/240V AC/DC operation, 1000 watts maximum.
- **Socket:**
  - Recessed single contact, two provided, toolless relamping.
- **Cable:**
  - 36˝ Teflon leads encased in black fiberglass sleeving.
- **Weight:**
  - Approx. 8.5 lbs. (3.9kg)
- **Dimensions:**
  - 14 x 16½ x 15½” (36x42x38cm)

**ACCESSORIES**
- Iron Pipe Clamp (Black) (510BLK)
  - Item #ALCBS16..................14.95
- 16˝ Color Frame (161CF)
  - Item #ALCF16..................17.95
- Malleable Iron Pipe Clamp (510)
  - Item #ALCS16..................13.95
- Safety Cable (Black) (SCBLK)
  - Item #ALSCBS16.................6.50
- Safety Cable (SC)
  - Item #ALSCS16..................4.95

**PHOTOMETRICS**

**Photometrics**

<table>
<thead>
<tr>
<th>Distance (m)</th>
<th>Beam Diameter (m)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
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<td>18.9 (5.8m)</td>
<td>54</td>
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**PHOTOMETRICS FOR 10˝ 400W SCOOP WITH 400GFL LAMP**

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<th>Distance (m)</th>
<th>Beam Diameter (m)</th>
<th>Footcandles</th>
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<th>F-Stop</th>
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<tr>
<td>5´ (1.5m)</td>
<td>10´ (3.0m)</td>
<td>502</td>
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<td>10´ (3.0m)</td>
<td>20´ (6.1m)</td>
<td>125</td>
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<td>22.5</td>
</tr>
<tr>
<td>15´ (4.6m)</td>
<td>30´ (9.1m)</td>
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**PHOTOMETRICS FOR 16˝ 1000W SCOOP WITH FCM LAMP**

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<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
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<tr>
<td>5´ (1.5m)</td>
<td>10´ (3.0m)</td>
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<td>12,051</td>
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<td>10´ (3.0m)</td>
<td>20´ (6.1m)</td>
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<td>15´ (4.6m)</td>
<td>30´ (9.1m)</td>
<td>125</td>
<td>1313</td>
<td>16.5</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Ground Cyc is a multi-lamp, compartmented luminaire designed to provide an even wash of light on cycloramas from a ground row position. The luminaire is available in one lamp through twelve lamp configurations with single to twelve circuit wiring. Lamps are on nine inch centers.

**FEATURES**
- Porcelain recessed single contacts on 9" centers.
- Spring loaded color frame retainers.
- Compartmented for color separation.
- Floor trunnions or hanging arms with clamps as specified.
- Asymmetrical distribution for even cyc washes.
- Safety screen(s) included.
- U.L. and c.U.L. listed for 1000 watts.

**SPECIFICATIONS**
- **Rating:** 120/240V, AC/DC operation, 1000 watts maximum.
- **Socket:** Recessed single contact, two provided.
- **Cable:** 36˝ Teflon and or silicone-fiberglass leads, encased in black fiberglass sleeving.
- **Safety Screens:** Stainless steel, one provided with each section.
- **Weight:** Approx. 13½ lbs. (6.1kg)
- **Dimensions:** 9 x 11¼ x 16¼” (23x30x25cm)

**ACCESSORIES**
- **8¼x13˝ Color Frame (Repl.) (GCCF)**
  - **Item # ALCFGC**
  - **Price:** 9.95
- **Floor Trunnion (Pair) (FT)**
  - **Item # ALFTGC**
  - **Price:** 29.95
- **Hanging Arm & Clamp (Pair) (508)**
  - **Item # ALHACGC**
  - **Price:** 39.95
- **Caster Floor Trunnion (Pair) (CFT)**
  - **Item # ALFTCGC**
  - **Price:** 47.50

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Beam Lumens</th>
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**PHOTO METRICS**

**HORIZONTAL**

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<td>5’ (1.5m)</td>
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<td>10’ (3.0m)</td>
<td>14’ (4.3m)</td>
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**VERTICAL**

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<tr>
<td>2.5’ (0.8m)</td>
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<td>22</td>
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<tr>
<td>5’ (1.5m)</td>
<td>9’ (2.7m)</td>
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<td>3486</td>
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</tr>
<tr>
<td>10’ (3.0m)</td>
<td>18’ (5.5m)</td>
<td>81</td>
<td>872</td>
<td>5.65</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
A lightweight, wide spread, luminaire designed to provide an even wash of light on cycloramas; the four light sky cyc, when mounted 8’ from the cyc, 12’ on center will typically provide better than 1.3 to 1 uniformity between luminaires with a minimum of 176 footcandles at the bottom of a 20’ cyc. Available in many configurations, the SKY-CYC is ideally suited for use in theaters and television studios as a compact, lightweight means of lighting large cycloramas from above.

**Lighting Tip**
What is the difference between clear and color corrected flashtubes? Clear flashtubes are slightly higher in color temperature (bluer) than 5500K and color corrected flashtubes have a slightly golden tint to correct for this blue. Clear flashtubes can be used for all black and white photographs as well as color negative photos. Color corrected tubes are most useful for a warming the subject when transparency film is used, since any excess blue will not be eliminated by the photo lab during printing.

**Sky Cyc 1500W**

**Features**
- Broad even distribution.
- High efficiency reflector.
- Multiple mounting configurations.
- Safety screen(s) included.
- U.L. & c.U.L. listed for 1500W.

**Specifications**
- Rating: 120V AC/DC operation, 1500 watts maximum per section.
- Socket: Recessed single contact, two provided per section. Toolless relamping.
- Safety Screen: Stainless Steel, one provided with each section.
- Cable: 36” Teflon leads encased in black fiberglass sleeving, one set of leads provided per section.
- Weight: 1-section 12 lbs. (5.4kg) 4-section 52 lbs. (23.6kg)
- Dimensions: 1-section 195⁄8” (50cm) 4-section 361⁄4” (92cm)

**Accessories**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Beam Lumens</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDB</td>
<td>1500</td>
<td>400</td>
<td>3200°K</td>
<td>41,200</td>
<td>GBFDB</td>
<td>26.50</td>
</tr>
</tbody>
</table>

**Lamp Specifications**

**Features**

- Toolless relamping.
- Safety screen(s) included.
- U.L. & c.U.L. listed for 1500W.

**Accessories**

- 15½ x 15½” Color Frame (SCCF) Item # ALCFSC ..........16.50
- Malleable Iron Pipe Clamp (510) Item # ALCSC ..........13.95
- Malleable Iron Pipe Clamp - Heavy-Duty (510HD) Item # ALCSCHD ..........23.95
- Safety Cable (Black) (SCBLK) ALSCBSC ..........6.50
- Safety Cable (SC) Item # ALSCSC ..........4.95
The focusing Cyc is a lightweight, compact luminaire designed to provide an even wash of light on cycloramas and backdrops, but this lighting instrument can also be used as a multi-purpose flood/fill light for stage and studio applications. Each compartment has a state of the art, highly polished and peened reflector that pivots about the lamp for precision focusing, and a heat resistant knob with indexed position markings is located on the rear of the housing for adjusting and locking the reflector into position. It has adjustable lampholders which allow the luminaire to accept T-3 to T-8 lamps of three different lengths. The housing has a pair of rugged tool-free spring latches which allow multiple units to be safely locked together in a number of ways: a straight row, curved horizontally, curved vertically, or any combination of the three. The convenient, fold-down carry handle also doubles as a loop for a safety cable, and the heat resistant non-skid feet are height adjustable. This eliminates the need for floor trunnions for most ground cyc applications. An optional accessory for the Focusing Cyc is a unique clip that safely secures stripped glass color frames. With a wide range of non-proprietary lamps of varying wattage, length, and width to choose from, the extremely versatile Focusing Cyc can easily replace a multitude of standard luminaires.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Beam Lumens</th>
<th>Item #</th>
<th>Price</th>
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<tr>
<td>FDB</td>
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<td>400</td>
<td>3200°K</td>
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**PHOTO METRICS**

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<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The R40 Borderlight is a multi-lamp, compartmented striplight luminaire designed for use as a general wash of light. It is available wired for either three or four circuit operation for color separation or blending. The R40 borderlight is manufactured in portable lengths of 6’, three or four circuit; 7.5’ three or four circuit; and 8’ four circuit. The R40 is also available in custom lengths and custom circuitry with sockets on 6” centers. The luminaire can be used as a toning or fill light or for cyclorama lighting from both top and bottom.

**PAR 38/R40**

**FEATURES**
- 20 gauge steel housing.
- Medium screw base sockets on 6 inch centers.
- Spring loaded color frame holder.
- Combination glass roundel or sheet color filter frame available.
- Hanging hardware included.
- Compartmented for color separation.
- Three 36” lead wires per circuit on portable units.
- 3 and 4 circuit portable units have feed through wiring.
- U.L. & c.U.L. listed for 300W.

**SPECIFICATIONS**

- **Rating:** 120V AC operation, 20 amps per circuit, 2400 watts maximum per circuit, 300 watt max lamps.
- **Socket:** Medium screw base, toolless relamping.
- **Cable:** (When provided) 36” Teflon and or silicone fiberglass leads encased in black fiberglass sleeving.
- **Trunnions:** Rigid 16 gauge steel, two mounting positions.
- **Weight:** Approx. 7.5 lbs. (3.4kg)
- **Dimensions:** 9¼ x 7½ x 3” (23x19x8cm)

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floor Trunnion</td>
<td>ALFTCR40</td>
<td>47.50</td>
</tr>
<tr>
<td>Castered Floor Trunnion</td>
<td>ALFR40</td>
<td>29.95</td>
</tr>
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</table>

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Candlepower</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>250WKR38FL</td>
<td>250</td>
<td>4000</td>
<td>2850°K</td>
<td>6,000</td>
<td>GB250KR38FL</td>
<td>24.95</td>
</tr>
<tr>
<td>250WKR38SP</td>
<td>250</td>
<td>4000</td>
<td>2850°K</td>
<td>14,200</td>
<td>GB250KR38SP</td>
<td>24.95</td>
</tr>
</tbody>
</table>

**PHOTO METRICS**

**FLOOD WITH 250WKR38FL LAMP**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>12’ (3.7m)</td>
<td>65</td>
<td>699</td>
<td>16.5</td>
</tr>
<tr>
<td>12.5’ (3.8m)</td>
<td>14’ (4.3m)</td>
<td>42</td>
<td>452</td>
<td>16</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>17’ (5.2m)</td>
<td>29</td>
<td>312</td>
<td>11.5</td>
</tr>
</tbody>
</table>

**SPOT WITH 250WKR38SP LAMP**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>5’ (1.5m)</td>
<td>280</td>
<td>3013</td>
<td>45</td>
</tr>
<tr>
<td>12.5’ (3.8m)</td>
<td>6’ (1.8m)</td>
<td>179</td>
<td>1926</td>
<td>36</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>7’ (2.1m)</td>
<td>124</td>
<td>1334</td>
<td>22.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**LIGHTING TIP**
Avoid lighting a flat plane with equal brightness across its surface. Even the sun doesn't provide equal lighting of all surfaces.

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For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
The Altman Micro Strip is a multi-lamp strip-light using a wide range of MR-11 tungsten halogen lamps. This luminaire is manufactured of sheet aluminum in three standard lengths. These lengths are related to the number of color washes desired. The popular MR-11 family of dichroic reflector lamps are available in 20 and 35 watts, and in several beam spreads. Since 10 lamps operate in series for each color circuit, lamp failure can be located by neon indicator lamps built into the housing. Spring loaded lamp holders with push-on 2 pin socket provide secure positioning of the lamps. This narrow, lightweight fixture allows it to be used in tight spaces where a general wash of light is desired, and ideal for small clubs, runway lights and store displays.

### SPECIFICATIONS
- **Rating:** 120V AC/DC operation, 2.9amps per circuit, 350 watts per circuit maximum.
- **Socket:** Miniature 2-pin, GZ4, Toolless relamping.
- **Cable:** 36” Hi-Temp rubber cable standard leads, up to 25’ (7.6m) optional.
- **Trunnions:** Rigid 16 gauge steel, double trunnions for supporting 2 fixtures optional.
- **Safety Screen:** Stainless steel.
- **Weight:** MICS1: 6 lbs. (2.7kg) MICS2: 11 lbs. (5.0kg) MICS3: 17 lbs. (7.7kg)
- **Dimensions:** 5’ x 5 ½ x 3’ (152x14x8cm)

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTE</td>
<td>12</td>
<td>35</td>
<td>3500</td>
<td>2900° K</td>
<td>GBFTE</td>
<td>2.95</td>
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<tr>
<td>FTF</td>
<td>12</td>
<td>35</td>
<td>3500</td>
<td>2900° K</td>
<td>GBFTF</td>
<td>5.95</td>
</tr>
<tr>
<td>FTH</td>
<td>12</td>
<td>35</td>
<td>3500</td>
<td>2900° K</td>
<td>GBFTH</td>
<td>2.95</td>
</tr>
</tbody>
</table>

### PHOTOGRAMS

**NARROW SPOT WITH FTE LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>3’ (0.9m)</td>
<td>90</td>
<td>968</td>
<td>22</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>5’ (1.5m)</td>
<td>40</td>
<td>430</td>
<td>16</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>7’ (2.1m)</td>
<td>23</td>
<td>247</td>
<td>11</td>
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</tbody>
</table>

**WIDE FLOOD WITH FTH LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>8’ (2.4m)</td>
<td>13</td>
<td>140</td>
<td>8.2</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>12’ (3.7m)</td>
<td>6</td>
<td>65</td>
<td>5.6</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>17’ (5.2m)</td>
<td>3</td>
<td>32</td>
<td>4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

### FEATURES
- Neon indicator lamps to identify lamp failure.
- Spring loaded lamp holder and push-on 2 pin socket.
- Very narrow profile. Safety screen provided.
- Rugged lightweight.
- Color frame included. Available in 1, 2 or 3 color circuits.
- Yoke available for one and two circuit units.
- U.L. and c.U.L. listed for 350 watts per circuit.

### ACCESSORIES

- **Iron Pipe Clamp (Black) (510BLK)** Item # ALCBMS .............. 14.95
- **Malleable Iron Pipe Clamp (510)** Item # ALCMS ................. 13.95
- **Double-Floor Trunnion (MICSDF)** Item # ALFTDM S ..............47.50
- **Floor Trunnion (MICSFT)** Item # ALFTMS .................. 25.95
- **Safety Cable (Black) (SCBLK)** Item # ALSCBMS ............ 6.50
- **Safety Cable (SC)** Item # ALSCMS ....................... 4.95

### MICS-1 Yoke for Strip 1 (MICS1Y)
Item # ALYMS1 ............... 19.95

### MICS-2 Yoke for Strip 2 (MICS2Y)
Item # ALYMS2 ................ 33.50

### MICS-3 Yoke for Strip 3 (MICS3Y)
Item # ALYMS3 ................ 47.50

### Micro Strip

| Micro Strip 1-Circuit (MICS1) | Item # ALMS1 ............... 253.50 |
| Micro Strip 2-Circuit (MICS2) | Item # ALMS2 ................ 499.95 |
| Micro Strip 3-Circuit (MICS3) | Item # ALMS3 ................ 749.95 |
The Zip Strip is a UL listed multi-lamp striplight using a wide range of 12V MR-16 tungsten halogen lamps. This luminaire is manufactured of die-cast, extruded and sheet aluminum in four standard lengths. These lengths are related to the number of color washes desired. Narrow spot, medium and wide flood lamps are efficiently incorporated into the Zip Strip without trapping appreciable light from these lamps. Since 10 lamps operate in series for each color circuit, lamp failure is noted by neon indicator lamps. Spring loaded lamp holders with push-on sockets provide secure positioning of the lamps to hold them while touring. This narrow luminaire allows it to be used on closely spaced battens or in tight spaces where a general wash of light from the top, side or bottom is desired.

**FEATURES**
- Rugged lightweight die-cast, extruded and sheet.
- Compartmented for color separation.
- Neon indicator lamps to identify lamp failure.
- Spring loaded lamp holder and push-on 2 pin socket.
- Large lamp ports to minimize light trapping.
- Narrow profile.
- Multiple circuit units have three 36” feed through lead wires per circuit.
- Color frames included.
- Safety screen provided.
- U.L. and c.u.L. listed for 750 watts per circuit.

**ACCESSORIES**
- 4½ x 4½” Color Frame (ZSCF) Item # ALCFZS ............... 4.50
- Floor Trunnion (ZSFT) Item # ALFTZS .................. 29.95
- Castered Floor Trunnion (pair) (ZSCFT) Item # ALFTCZS ........ 47.50
- Double-Castered Floor Trunnion (pair) (ZSCDFT) Item # ALFTDCZS ............. 56.95
- Double Floor Trunnion (pair) (ZSDFT) Item # ALFTDZS ............... 47.50
- Hanging Arm and Clamp (508) Item # ALHACZS ............ 39.95
- Safety Cable (Black) (SCBLK) Item # ALSCBZS ........... 6.50
- Safety Cable (SC) Item # ALSCZS ....................... 4.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYF</td>
<td>12</td>
<td>75</td>
<td>4000</td>
<td>3050°K</td>
<td>GBEYF</td>
<td>1.95</td>
</tr>
<tr>
<td>EYJ</td>
<td>12</td>
<td>75</td>
<td>4000</td>
<td>3050°K</td>
<td>GBEYJ</td>
<td>1.95</td>
</tr>
<tr>
<td>EYC</td>
<td>12</td>
<td>75</td>
<td>4000</td>
<td>3050°K</td>
<td>GBEYC</td>
<td>6.95</td>
</tr>
</tbody>
</table>

**PHOTO METRICS**

**NARROW SPOT WITH EYF LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>5.4” (1.6m)</td>
<td>110</td>
<td>1184</td>
<td>22.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>10.7” (3.2m)</td>
<td>27.5</td>
<td>296</td>
<td>11.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>16” (4.9m)</td>
<td>12.2</td>
<td>131</td>
<td>8</td>
</tr>
</tbody>
</table>

**MEDIUM SPOT WITH EYJ LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>7.3” (2.2m)</td>
<td>45</td>
<td>484</td>
<td>16</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>14.5” (4.4m)</td>
<td>11.3</td>
<td>122</td>
<td>8</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>22” (6.7m)</td>
<td>5</td>
<td>54</td>
<td>4.8</td>
</tr>
</tbody>
</table>

**WIDE FLOOD WITH EYC LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>9.5” (2.9m)</td>
<td>20</td>
<td>215</td>
<td>8.8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>19” (5.8m)</td>
<td>5</td>
<td>54</td>
<td>4.8</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>28” (8.5m)</td>
<td>2.2</td>
<td>24</td>
<td>4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
The Punch Light is a high intensity key or fill light. Both units are designed to operate with tungsten halogen sealed beam PAR 36 lamps placed in movable banks for beam width and intensity control. Lamps available provide both tungsten and daylight balance in various beam configurations. The luminaire is designed for use in film and television remote applications as a key light or daylight fill for any application where high intensity from a small compact source is desired.

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAY</td>
<td>120</td>
<td>650</td>
<td>30</td>
<td>Daylight</td>
<td>GBFAY</td>
<td>49.95</td>
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<tr>
<td>FCX</td>
<td>120</td>
<td>650</td>
<td>100</td>
<td>3200°K</td>
<td>GBFCX</td>
<td>49.95</td>
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<tr>
<td>FCW</td>
<td>120</td>
<td>650</td>
<td>100</td>
<td>3200°K</td>
<td>GBFCW</td>
<td>49.95</td>
</tr>
</tbody>
</table>

**Photometrics with FCX Lamp—Medium Beam Pattern**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Width Adjustment</th>
<th>F.C.</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>Maximum: H 5.5’ (1.7m) W 17.9’ (5.4m)</td>
<td>600</td>
<td>6456</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>Minimum: H 4.7’ (1.4m) W 6.6’ (2.0m)</td>
<td>1500</td>
<td>16,140</td>
<td>22.5</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>Maximum: H 6.3’ (1.9m) W 26.9’ (8.2m)</td>
<td>265</td>
<td>2851</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Minimum: H 4.7’ (1.4m) W 6.6’ (2.0m)</td>
<td>670</td>
<td>7209</td>
<td>16</td>
</tr>
</tbody>
</table>

**Photometrics with FCW Lamp—Wide Beam Pattern**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Width Adjustment</th>
<th>F.C.</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>Maximum: H 9.5’ (2.9m) W 19.1’ (5.8m)</td>
<td>320</td>
<td>3443</td>
<td>8.8</td>
</tr>
<tr>
<td></td>
<td>Minimum: H 4.7’ (1.4m) W 6.6’ (2.0m)</td>
<td>620</td>
<td>6671</td>
<td>16</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>Maximum: H 14.3’ (4.4m) W 28.7’ (8.7m)</td>
<td>140</td>
<td>1506</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Minimum: H 4.7’ (1.4m) W 6.6’ (2.0m)</td>
<td>275</td>
<td>2959</td>
<td>11</td>
</tr>
</tbody>
</table>

**Karl Lighting Tip**

Soft lighting is generally more attractive for portrait than contrasty lighting.

---

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/6 sec.
Compact, lightweight indirect fill-lights, the Soft-Lite Jr. and Soft-Lite provide a very soft even wash of light. With a virtually shadowless beam, the Soft-Lite Jr. will uniformly illuminate an area 20.7’ x 19.3’ at a distance of ten feet with a center intensity of 35 foot candles and the Soft-Lite will uniformly illuminate an area 26.5’ x 23.8’ with a center intensity of 96 foot candles. They are designed to operate double ended tungsten halogen lamps. The luminaires are ideal for confined spaces in the studio or on location where high performance, indirect, soft fill light is required.

**SOFT-LITE JR.**

**Specifications**
- **Weight:** Approx. 9 lbs. (4.1kg)
- **Dimensions:** 23¼ x 15¾ x 6½” (59.2x40.4x17cm)
- **Cable:** 25’ with in-line switch

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCM</td>
<td>120</td>
<td>1000</td>
<td>300</td>
<td>3200°K</td>
<td>GBFCM</td>
<td>12.89</td>
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<td>FHM</td>
<td>120</td>
<td>1000</td>
<td>300</td>
<td>3200°K</td>
<td>GBFHM</td>
<td>12.95</td>
</tr>
<tr>
<td>EJG</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200°K</td>
<td>GBEGJ</td>
<td>22.95</td>
</tr>
<tr>
<td>EMD</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200°K</td>
<td>GBEMD</td>
<td>17.95</td>
</tr>
</tbody>
</table>

**PHOTOMETRICS FOR SOFT-LITE JR. WITH FCM LAMP**

**HORIZONTAL**
- 2.5’ (0.8m) 5.2’ (1.6m) 785 8447 16
- 5.0’ (1.5m) 10.4’ (3.2m) 196 2109 8
- 7.5’ (2.3m) 15.5’ (4.7m) 88 947 5.6

**VERTICAL**
- 2.5’ (0.8m) 5.2’ (1.6m) 785 8447 16
- 5.0’ (1.5m) 10.4’ (3.2m) 196 2109 8
- 7.5’ (2.3m) 15.5’ (4.7m) 88 947 5.6

**ACCESSORIES**
- **Color Frame** (SLJRCF) Item # ALCSLJQ .............. 62.50
- **Pipe Clamp** (SA32) Item # ALSSL ................. 16.95
- **Egg crate** (SLEC) Item # ALECSL .............. 84.95
- **4’ Non-Telescoping Operating Pole** (FOP48) Item # ALOPSL ........... 82.95
- **Safety Cable Black** (SCBLK) Item # ALSCBSL ............ 6.50

**SOFT-LITE**

**Specifications**
- **Weight:** Approx. 18½ lbs. (8.4kg)
- **Dimensions:** 23¼ x 15¾ x 6½” (59.2x40.4x17cm)
- **Cable:** 25´ with in-line switch

**PHOTOMETRICS FOR SOFT-LITE WITH FCM LAMP**

**HORIZONTAL**
- 2.5’ (0.8m) 4.8’ (1.4m) 785 8447 16
- 5.0’ (1.5m) 9.7’ (2.9m) 96 1033 5.6
- 7.5’ (2.3m) 14.5’ (4.4m) 88 947 5.6

**VERTICAL**
- 2.5’ (0.8m) 4.8’ (1.4m) 785 8447 16
- 5.0’ (1.5m) 9.7’ (2.9m) 96 1033 5.6
- 7.5’ (2.3m) 14.5’ (4.4m) 88 947 5.6

**ACCESSORIES**
- **Color Frame** (SLJRCF) Item # ALCSLJQ .............. 62.50
- **Pipe Clamp** (SA32) Item # ALSSL ................. 16.95
- **Egg crate** (SLEC) Item # ALECSL .............. 84.95
- **4’ Non-Telescoping Operating Pole** (FOP48) Item # ALOPSL ........... 82.95
- **Safety Cable Black** (SCBLK) Item # ALSCBSL ............ 6.50
The Micro Ellipse is a lightweight framing spotlight incorporating a 2.0” optical system designed to produce narrow to medium spreads up to 15’ away. The luminaire utilizes the popular MR-16 family of dichroic reflector lamps which are ideal for architectural and display applications due to the lamps long life, low cost, and low wattage. Included are four integral steel framing shutters that provide beam shaping abilities in conjunction with a pattern slot and holder that accepts standard 1.5” patterns to project visual images.

### FEATURES
- Attractive extruded aluminum housing
- Die cast aluminum components
- Push-on type two-pin ceramic socket
- Adaptable to most track systems
- Color frame and pattern holder included
- U.L. and c.U.L listed for 75 watts

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>EYJ</td>
<td>12</td>
<td>75</td>
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<td>GBYJ</td>
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<tr>
<td>EYC</td>
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<td>75</td>
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<td>3200°K</td>
<td>GBYEC</td>
<td>6.95</td>
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<tr>
<td>EXT</td>
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<td>50</td>
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<td>GBEXT</td>
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<tr>
<td>EXN</td>
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<td>5000</td>
<td>3200°K</td>
<td>GBEKN</td>
<td>2.50</td>
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### PHOTOMETRICS WITH EYC LAMP

#### NARROW FOCUS

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>2.0’ (0.6m)</td>
<td>203</td>
<td>2164</td>
<td>8</td>
</tr>
<tr>
<td>7.5’ (2.3m)</td>
<td>3.5’ (1.1m)</td>
<td>168</td>
<td>1808</td>
<td>8</td>
</tr>
<tr>
<td>10’ (3.1m)</td>
<td>4.7’ (1.4m)</td>
<td>94</td>
<td>1011</td>
<td>5.6</td>
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#### MEDIUM FOCUS

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<thead>
<tr>
<th>Distance (ft)</th>
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<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>3.1’ (0.9m)</td>
<td>120</td>
<td>1291</td>
<td>5.68</td>
</tr>
<tr>
<td>7.5’ (2.3m)</td>
<td>4.8’ (1.5m)</td>
<td>55</td>
<td>592</td>
<td>4.5</td>
</tr>
<tr>
<td>10’ (3.1m)</td>
<td>6.1’ (1.8m)</td>
<td>31</td>
<td>334</td>
<td>2.85</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
A compact, lightweight ellipsoidal spotlight which produces a high intensity sharp or soft edged beam. The 3.5Q Series is designed for today’s long life, high intensity tungsten halogen lamps. Four adjustable integral stainless steel framing shutters provide beam shaping ability and the pattern slot and holder provide the ability to project visual images. While primarily designed for theatre and studio applications, the 3.5Q Series is also useful in displays, show windows, museums and nightclubs where precision controlled accenting is desirable.

**FEATURES**

- Heat resistant plano convex lenses
- Aluminum die cast and sheet metal construction
- Axially mounted medium two-pin socket
- Axially mounted mini can socket optional
- Double flated specular Alzak aluminum reflector
- Three 36” Teflon lead wires
- Up to 25’ of Hi-Temp rubber cable optional
- Pipe clamp for 3/4” to 1 1/2” pipe included
- Plated steel color frame included
- U.L. listed for 500 watts

**SPECIFICATIONS**

**Rating:**
120/240V AC/DC operation, 4.2/2.1 amps, 500 watts maximum.

**Lenses:**
Pyrex glass.

**Weight:**
Approx. 9 lbs. (4.1kg)

**Dimensions:**
3.5Q-5 & 3.5Q-8:
Max. 15 1/2 x 13 1/2 x 9”
(39x34x23cm)
Min. 14 1/4 x 13 1/2 x 9”
(36x34x23cm)

3.5Q-6:
Max. 14 3/8 x 13 1/2 x 9”
(37x34x23cm)
Min. 13 1/8 x 13 1/2 x 9”
(33x34x23cm)

3.5Q-10:
Max. 16 x 13 1/2 x 9”
(41x34x23cm)
Min. 14 1/4 x 13 1/2 x 9”
(37x34x23cm)

3.5Q-12:
Max. 16 1/2 x 13 1/2 x 9”
(43x34x23cm)
Min. 15 1/2 x 13 1/2 x 9”
(40x34x23cm)

**ACCESSORIES**

**LAMPS SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBHD</td>
<td>29.95</td>
</tr>
<tr>
<td>GBHC</td>
<td>29.95</td>
</tr>
</tbody>
</table>

**LIGHTING TIP**

With hot lights or “tungsten” lights what you see is what you get.
The venerable 360Q is a compact, rugged ellipsoidal spotlight which produces a high intensity sharp or soft edged beam. This lightweight luminaire is outfitted with an efficient, specially faceted reflector specifically designed for the new generation of 575 watt tungsten halogen lamps. The reflector has over 700 mirror polished surfaces which optimize the optical system for greater light output and a sharper, more controlled focus. Four adjustable integral stainless steel framing shutters provide beam shaping ability and the pattern slot and holder provide the ability to project visual images. While primarily designed for theatre and studio applications, the 360Q Series is also useful in displays, show windows, museums and nightclubs where precision controlled accenting is desirable.

**FEATURES**
- Heat resistant plano convex lenses
- Aluminum die cast and sheet metal construction
- Axially mounted medium two-pin socket
- Specular, mirror polished multifaceted aluminum reflector
- Three 36˝ Teflon lead wires
- Up to 25´ of Hi-Temp rubber pipe clamp for 3/4˝ to 1 1/2˝ pipe included
- Plated steel color frame incl.
- U.L. listed for 750 watts
- Safety cable with spring clip included

**SPECIFICATIONS**
- **Rating:** 120/240V AC/DC operation, 6.3/3.1amps, 750 watts maximum.
- **Lenses:** Pyrex glass.
- **Weight:**
  - 4.5 x 6.5: Approx. 13½ lbs. (6.1kg)
  - 6x9: Approx. 14 lbs. (6.4kg)
  - 6x12/6x16/6x22: Approx. 15 lbs. (6.8kg)
- **Dimensions:**
  - 4.5 x 6.5 & 6 x 9:
    - Max. 18 x 16 1/2 x 13” (46x41x33cm)
    - Min. 16 x 16 x 13” (42x41x33cm)
  - 6 x 12:
    - Max. 20 x 16 x 13” (51x41x33cm)
    - Min. 18 x 16 x 13” (47x41x33cm)
  - 6 x 16:
    - Max. 22 x 16 x 13” (57x41x33cm)
    - Min. 21 x 16 x 13” (53x41x33cm)
  - 6 x 22:
    - Max. 30 x 16 x 13” (77x41x33cm)
    - Min. 29 x 16 x 13” (74x41x33cm)

**ACCESSORIES**
- **7 1/2˝ Color Frame (Repl.) (6CF):**
  - Item # ALCF360Q .. 2.95
  - Item # ALCF360QX .. 2.95
- **7 1/2˝ Color Frame (Black) (6CFB):**
  - Item # ALCFB360Q .. 4.95
  - Item # ALCFB360QX .. 4.95
- **Malleable Iron Pipe Clamp (510):**
  - Item # ALC360Q .. 13.95
  - Item # ALC360QX .. 13.95
- **Malleable Iron Pipe Clamp (Black) (510BLK):**
  - Item # ALCB360Q .. 14.95
  - Item # ALCB360QX .. 14.95
- **Pattern Holder:**
  - 24˝ Opening (360PH):
    - Item # ALPHS61535 .. 6.50
  - Item # ALPHS61533 .. 6.50
- **Safety Cable (Repl.) (SC):**
  - Item # ALS360Q .. 4.95
  - Item # ALS360QX .. 4.95
- **Snoot (6SN):**
  - Item # AL360QI6X12 .. 214.95
  - Item # AL360QI6X16 .. 214.95
  - Item # AL360QI6X22 .. 214.95
- **Motorized Color Wheel (400B):**
  - Item # AL360QI6X12 .. 214.95
  - Item # AL360QI6X16 .. 214.95
  - Item # AL360QI6X22 .. 214.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>EHG</td>
<td>120</td>
<td>750</td>
<td>2000</td>
<td>3000°K</td>
<td>GBEG</td>
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<td>750</td>
<td>300</td>
<td>3200°K</td>
<td>GBHF</td>
<td>29.95</td>
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</table>
### 3.5” Ellipsoidal

**Photometrics with EHD Lamp**

<table>
<thead>
<tr>
<th>3.5Q-5-MT</th>
<th>3.5Q-6-MT</th>
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</thead>
<tbody>
<tr>
<td><strong>Distance</strong></td>
<td><strong>Beam Diameter</strong></td>
</tr>
<tr>
<td>10’ (3.1m)</td>
<td>8’ (2.4m)</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>17’ (5.2m)</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>25’ (7.6m)</td>
</tr>
</tbody>
</table>

**3.5Q-8-MT**

| **Distance** | **Beam Diameter** | **Footcandles** | **Lux** | **F-Stop** |
| 10’ (3.1m) | 5’ (1.5m) | 160 | 1722 | 8 |
| 20’ (6.1m) | 10’ (3.1m) | 40 | 430 | 4 |
| 30’ (9.1m) | 15’ (4.6m) | 18 | 194 | 2.8 |

**3.5Q-12-MT**

| **Distance** | **Beam Diameter** | **Footcandles** | **Lux** | **F-Stop** |
| 10’ (3.1m) | 3’ (0.9m) | 200 | 2152 | 8 |
| 20’ (6.1m) | 6’ (1.8m) | 50 | 538 | 4 |
| 30’ (9.1m) | 10’ (3.1m) | 22 | 237 | 2.8 |

1 foot candle = 10.76 lux. F-stops provided as general guide only. *With ISO 100 film @ 1/8 sec.

### 6” Ellipsoidal

**Photometrics with EHF Lamp**

<table>
<thead>
<tr>
<th>360Q - 4.5 x 6.5</th>
<th>360Q - 6 x 9</th>
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<td><strong>Distance</strong></td>
<td><strong>Beam Diameter</strong></td>
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<tr>
<td>10’ (3.1m)</td>
<td>11’ (3.3m)</td>
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<tr>
<td>20’ (6.1m)</td>
<td>21’ (6.4m)</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>31’ (9.4m)</td>
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<table>
<thead>
<tr>
<th>360Q - 6 x 12</th>
<th>360Q - 6 x 16</th>
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</thead>
<tbody>
<tr>
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<td><strong>Beam Diameter</strong></td>
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<tr>
<td>10’ (3.1m)</td>
<td>5’ (1.5m)</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>10’ (3.1m)</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>14’ (4.3m)</td>
</tr>
</tbody>
</table>

| 360Q - 6 x 22 | |
|----------------||
| **Distance** | **Beam Diameter** | **Footcandles** | **Lux** | **F-Stop** |
| 10’ (3.1m) | 2’ (0.6m) | 2190 | 23,564 | 36 |
| 20’ (6.1m) | 4’ (1.2m) | 548 | 5896 | 16 |
| 30’ (9.1m) | 6’ (1.8m) | 240 | 2582 | 11 |

1 foot candle = 10.76 lux. F-stops provided as general guide only. *With ISO 100 film @ 1/8 sec.
The 4.5 Series Baby Zoom ellipsoidal is a unique luminaire with professional qualities unequaled in other 4.5” spotlights. The smooth operating, variable focus lens system produces wide-to-narrow beams that are uniform and sharp edged with minimal halation. The fixtures are provided with an adjustable lamp holder allowing peak center performance or a flat field when pattern projection is desired. Four adjustable, cool touch, integral stainless steel shutters provide beam shaping ability to project visual images, as well as reduce beam diameter zoom ranges with optional circle templates.

Lighting Tip
Do not look directly at a hot light. The high light output could damage your eyes.
The 20, 30, 40 and 50° fixed focus Shakespeare ellipsoidals have been designed and engineered to enhance versatility and efficiency without sacrificing performance. The dichroic coated glass reflector removes heat from the beam, resulting in longer gel and pattern life while offering a sharp, full field and distortion free pattern projection. The generous accessory slot, the lens barrel, and the two-slot accessory holder all rotate to make these spotlights truly versatile performers, especially when you consider that the lens barrels are completely interchangeable not only with each other, but with the 5 and 10° units as well. With a wide range of non-proprietary lamps to choose from, the low wattage, high output Shakespeare ellipsoidals are ideal for theatres, nightclubs, television studios or wherever superior, energy efficient lighting performance is required.
The 5° and 10° fixed focus long throw narrow beam Shakespeare ellipsoidals have been designed and engineered to enhance versatility and efficiency. The dichroic coated glass reflector removes heat from the beam for longer gel and pattern life, while offering a sharp, full field and distortion free pattern projection. The generous accessory slot, the lens barrel, and the wide-slotted accessory holder all rotate, and the lens barrels are completely interchangeable with each other, and with the 20°, 30°, 40° and 50° units as well. Safety features include a self-closing, self-locking retaining latch for the accessory holder, and the secondary lens barrel retaining latch. With a wide range of non-proprietary lamps to choose from, the low wattage, high output Shakespeare ellipsoidals are ideal for theaters, nightclubs, television studios, or wherever superior, energy efficient lighting performance is required.

**Accessories**

- **14” Color Frame f/S6-5 (TWECF)**
  - Item # ALCFS65 ................. 9.95
- **14” Color Frame (Black) f/S6-5 (TWECFB)**
  - Item # ALCFBFS65 ............ 12.95
- **12” Color Frame f/S6-10 (TENCF)**
  - Item # ALCFS610 ............... 7.95
- **12” Color Frame (Black) f/S6-10 (TENCFB)**
  - Item # ALCFBFS610 .......... 9.95
- **Malleable Iron Pipe Clamp (Repl.) (S65HD)**
  - Item # ALCPS65 ............... 23.95
- **Malleable Iron Pipe Clamp (Black) f/S6-5 (S65HDBLK)**
  - Item # ALCPBS65 .......... 25.95
- **Safety Cable (Repl.) (SC)**
  - Item # ALSCS65 ............... 4.95
- **Safety Cable (Black) (SCBLK)**
  - Item # ALSCBS65 ............ 6.50
- **Snoot for S6-10 (TENSN)**
  - Item # ALSS610 ............. 28.50
- **Drop-In Iris (SDII)**
  - Item # ALIS610 ............. 66.50
- **Pattern Holder 2¼” Opening with Channels (360PH)**
  - Item # ALPHS65 ............... 6.50
- **Pattern Holder 2¼” Opening with Slots (1KLPH)**
  - Item # ALPHS610Q ............ 6.50
- **Pattern Holder for Glass Pattern 2¼” Opening (S65PH)**
  - Item # ALPS65 ............... 14.95
- **14” Donut with 6” Hole f/S6-5 (TWEDN)**
  - Item # ALDS65Q ............ 17.95
- **12” Donut with 5” Hole f/S6-10 (TENDN)**
  - Item # ALDS610Q ............ 17.95

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLK</td>
<td>120</td>
<td>575</td>
<td>300</td>
<td>3200°K</td>
<td>GBFLK</td>
<td>34.95</td>
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<tr>
<td>EHG</td>
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<td>750</td>
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<td>3000°K</td>
<td>GBEHG</td>
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<td>EHF</td>
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<td>3200°K</td>
<td>GBEBH</td>
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<tr>
<td>FRK</td>
<td>220</td>
<td>650</td>
<td>300</td>
<td>3100°K</td>
<td>GBFRK</td>
<td>29.95</td>
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</tbody>
</table>

**Photometrics with FLK Lamp**

**S6-5 Narrow**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20&quot; (6.1m)</td>
<td>2' (0.6m)</td>
<td>2437</td>
<td>26,222</td>
<td>36.5</td>
</tr>
<tr>
<td>30&quot; (9.1m)</td>
<td>4' (1.2m)</td>
<td>1083</td>
<td>11,653</td>
<td>22.2</td>
</tr>
<tr>
<td>40&quot; (12.2m)</td>
<td>5' (1.5m)</td>
<td>609</td>
<td>6553</td>
<td>16</td>
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**S6-10 Narrow**

<table>
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<tr>
<th>Distance</th>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20&quot; (6.1m)</td>
<td>4' (1.2m)</td>
<td>1978</td>
<td>21,283</td>
<td>36</td>
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<tr>
<td>30&quot; (9.1m)</td>
<td>5' (1.5m)</td>
<td>879</td>
<td>9458</td>
<td>22</td>
</tr>
<tr>
<td>40&quot; (12.2m)</td>
<td>7' (2.1m)</td>
<td>494</td>
<td>5315</td>
<td>16</td>
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**S6-5 Wide**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>90° (27.4m)</td>
<td>11' (3.4m)</td>
<td>120</td>
<td>1291</td>
<td>8</td>
</tr>
<tr>
<td>100° (30.5m)</td>
<td>12' (3.7m)</td>
<td>97</td>
<td>1044</td>
<td>5.65</td>
</tr>
<tr>
<td>110° (33.5m)</td>
<td>13' (4.0m)</td>
<td>81</td>
<td>872</td>
<td>5.6</td>
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**S6-10 Wide**

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<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>90° (27.4m)</td>
<td>16' (4.9m)</td>
<td>98</td>
<td>1054</td>
<td>5.65</td>
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<tr>
<td>100° (30.5m)</td>
<td>17' (5.2m)</td>
<td>79</td>
<td>850</td>
<td>5.6</td>
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<tr>
<td>110° (33.5m)</td>
<td>19' (5.9m)</td>
<td>65</td>
<td>699</td>
<td>5.6</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The S6-12 is a unique member of the Shakespeare Series family of ellipsoidal. This compact, long throw, narrow beam ellipsoidal has been designed and engineered with innovative details and features enhancing versatility and efficiency without sacrificing performance. The dichroic coated glass reflector removes heat from the beam, for longer gel and pattern life while offering a sharp, full field and distortion free pattern projection. The generous accessory slot, the two-slot accessory holder, and self-closing, self-locking retaining latch for the accessory holder are just some of the special features provided.

**SPECIFICATIONS**

Rating: 120/240V AC/DC operation, 6.3/3.1 amps, 750W maximum.

Lenses: Color coded crown glass (white plate) lenses provided with anti reflective coating.

Cable: 36˝ Teflon leads encased in black fiberglass sleeving.

Weight: Approx. 21 lbs. (9.5kg)

Dimensions: 30 x 17 x 12 (76x43x30cm)

**FEATURES**

- Compact, rugged die-cast aluminum construction
- Tempered crown glass lenses
- Color coded lens barrel
- Low friction lens carrier glides
- Dual positioning yoke supplied with dual positive locking dogs and pivot angle markings
- Spring mounted dichroic coated glass reflector provided with heat shield
- Protective insulated rear mounted ring handle serves as a cord wrap, stand, and focusing aid

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>FLK</td>
<td>120</td>
<td>575</td>
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<td>3200°K</td>
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<td>3100°K</td>
<td>GBFRK</td>
<td>29.95</td>
</tr>
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</table>

**PHOTOGRAPHIC WITH FLK LAMP**

<table>
<thead>
<tr>
<th>S6-12 NARROW</th>
<th>S6-12 WIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance</td>
<td>Distance</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>90´ (27.4m)</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>100´ (30.5m)</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>110´ (33.5m)</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Shakespeare Series Zoom ellipsoidals are the state of the art in variable focus theatrical luminaires for function, style, and efficiency. These ellipsoidals have been designed and engineered to enhance versatility and efficiency. The dichroic coated glass reflector removes heat from the beam, for longer gel and pattern life. The super smooth, variable focus lens system, which operates with Teflon bearings on stainless steel guide rails, produces wide-to-narrow beams offering a sharp, full field and distortion free pattern projection. Special features include a generous accessory slot, two-slot accessory holder and self-closing, self-locking retaining latch for the accessory holder. With a wide range of non-proprietary lamps to choose from, the low wattage, high output Shakespeare Zooms are ideal for theatres, nightclubs, television studios, or wherever superior, energy efficient lighting performance is required.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLK</td>
<td>120</td>
<td>575</td>
<td>300</td>
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<tr>
<td>EHG</td>
<td>120</td>
<td>750</td>
<td>2000</td>
<td>3000°K</td>
<td>GBEGH</td>
<td>29.95</td>
</tr>
<tr>
<td>EHF</td>
<td>120</td>
<td>750</td>
<td>300</td>
<td>3200°K</td>
<td>GBEGH</td>
<td>29.95</td>
</tr>
<tr>
<td>FRK</td>
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<td>650</td>
<td>300</td>
<td>3100°K</td>
<td>GBFRK</td>
<td>29.95</td>
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**PHOTO METRICS WITH FLK LAMP**

**S6-1535Z NARROW**

<table>
<thead>
<tr>
<th>Distance (ft/m)</th>
<th>Beam Diameter (in/cm)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>3' (0.9m)</td>
<td>3514</td>
<td>37,811</td>
<td>45</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>5' (1.5m)</td>
<td>879</td>
<td>9458</td>
<td>22</td>
</tr>
<tr>
<td>30' (9.1m)</td>
<td>7' (2.1m)</td>
<td>390</td>
<td>4196</td>
<td>11.5</td>
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**S6-3055Z NARROW**

<table>
<thead>
<tr>
<th>Distance (ft/m)</th>
<th>Beam Diameter (in/cm)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>5' (1.5m)</td>
<td>1660</td>
<td>17,862</td>
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<tr>
<td>20' (6.1m)</td>
<td>10' (3.0m)</td>
<td>415</td>
<td>4465</td>
<td>11.5</td>
</tr>
<tr>
<td>30' (9.1m)</td>
<td>15' (4.6m)</td>
<td>184</td>
<td>1900</td>
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**S6-1535Z WIDE**

<table>
<thead>
<tr>
<th>Distance (ft/m)</th>
<th>Beam Diameter (in/cm)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>6' (1.8m)</td>
<td>1195</td>
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<td>20' (6.1m)</td>
<td>12' (3.7m)</td>
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<td>30' (9.1m)</td>
<td>18' (5.5m)</td>
<td>132</td>
<td>1420</td>
<td>8</td>
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**S6-3055Z WIDE**

<table>
<thead>
<tr>
<th>Distance (ft/m)</th>
<th>Beam Diameter (in/cm)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>10' (3.0m)</td>
<td>543</td>
<td>5483</td>
<td>16</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>20' (6.1m)</td>
<td>136</td>
<td>1483</td>
<td>8</td>
</tr>
<tr>
<td>30' (9.1m)</td>
<td>30' (9.1m)</td>
<td>60</td>
<td>646</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Arri 150W is a small fresnel with great performance and location-tough construction. It features a 2” (50mm) fresnel lens. Superior optical performance and Arri’s cast and extruded aluminum housing make this the perfect small fresnel. This unit uses lamps of 100W (ESR), 150W (ESP) and 200W (FEV). Along with the other Arri fresnels, the 150W Fresnel will mount to all stands and mounting accessories with a 5/8” stud. All lamps must be purchased separately. The use of a barndoor, scrim, snoot and filter frame add to the superb lighting quality produced by this light.

### FEATURES
- Small size, location tough
- Has a 2” (50mm) fresnel lens
- Superior optical performance
- Uses 100W, 150W or 200W lamps

### SPECIFICATIONS
- **Lampholder:** GY9.5.
- **Lens:** 2” (50mm) low expansion borosilicate fresnel lens.
- **Reflector:** Spherical specular high purity aluminum.
- **Mounting:** 5/8” (16mm) stand mount
- **Cable:** 15’ (4.6mm)
- **Focusing:** Worm gear driven
- **Weight:** 2.3 lbs. (1kg)
- **Dimensions:** 5.25 x 7.75 x 6.1” (WHD) (133x197x156mm)

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESR</td>
<td>120</td>
<td>100</td>
<td>750</td>
<td>2900°K</td>
<td>GBESR</td>
<td>9.95</td>
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<td>ESP</td>
<td>120</td>
<td>150</td>
<td>1000</td>
<td>2900°K</td>
<td>GBESP</td>
<td>13.50</td>
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<tr>
<td>FEV</td>
<td>120</td>
<td>200</td>
<td>50</td>
<td>3200°K</td>
<td>GBFEV</td>
<td>12.50</td>
</tr>
<tr>
<td>A1248</td>
<td>230</td>
<td>150</td>
<td>50</td>
<td>3200°K</td>
<td>ARF150X</td>
<td>39.95</td>
</tr>
</tbody>
</table>

### ACCESSORIES
- **4-Leaf Barndoor** (530110) Item # ARBDF150 .............. 38.95
- **Safety Cable** (803276) Item # ARSCF150 ................. 8.95
- **Filter Frame** (530120) Item # ARFFF150 .............. 13.50
- **Snoot** (530130) Item # ARSF150 .................. 35.95
- **Scrib Bag** (571171) Item # ARSFIF150 ............... 18.95
- **3” (7.6cm) Full Single Scrim** (530150) Item # ARSF150 .............. 9.95

### PHOTOMETRICS WITH ESP LAMP

#### FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>2.3” (0.7m)</td>
<td>133</td>
<td>1431</td>
<td>8.5</td>
</tr>
<tr>
<td>5’ (1.5m)</td>
<td>3.8” (1.2m)</td>
<td>48</td>
<td>516</td>
<td>4.5</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>7.7” (2.3m)</td>
<td>12</td>
<td>129</td>
<td>2.5</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>11.5” (3.5m)</td>
<td>5</td>
<td>54</td>
<td>1.4</td>
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#### SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>0.6” (0.2m)</td>
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<td>4422</td>
<td>11.5</td>
</tr>
<tr>
<td>5’ (1.5m)</td>
<td>1” (0.3m)</td>
<td>148</td>
<td>1592</td>
<td>8</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>2” (0.6m)</td>
<td>37</td>
<td>398</td>
<td>4.5</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>3” (0.9m)</td>
<td>16</td>
<td>172</td>
<td>2.8</td>
</tr>
</tbody>
</table>

*F-stops provided as a general guide only. With ISO 100 film @ 1/8 sec.
The 300W Plus Fresnel features a spherical specular high purity aluminum reflector, as all Arri fresnel lights do. It is designed to gather as much light as possible and direct it through the 3.2” (80mm) low expansion borosilicate fresnel lens which produces a soft, even field of light. A 25´ (7.6m) heavy gauge A/C cord with an inline on/off switch is attached to the aluminum housing. The housing is ribbed for cooler operation, the ribs acting like heat sinks to help disperse any heat build-up. The yoke allows it to be attached to any 5/8˝ stud. Beam angle in the flood position is 49° while in the spot position it is a narrow 15°. Available individually or in a kit. Lamps must be purchased separately.

300W PLUS FRESNEL

300W Plus Fresnel (531300)
Item # ARF300 .................. 289.95

300W Fresnel (531301)
Hanging model.
Item # ARF300H ............. 306.95

300W Fresnel (531302)
With black finish.
Item # ARF300B ............... 319.95

FEATURES
■ Produces a soft even field of light
■ Has a spherical specular high purity reflector
■ Ribbed housing for cooler operation

SPECIFICATIONS
Lampholder: GY9.5.
Lens: 3.2˝ (80mm) low expansion borosilicate Fresnel lens.
Reflector: Spherical specular high purity aluminum.
Cable: 25´ (7.6m) cable with in-line switch.
Mounting: 5/8˝ (16mm) stand mount.
Weight with Cable: 6.5 lbs. (2.9kg)
Dimensions: 7.1 x 10 x 6.3˝ (WHD) (180x254x160mm)

■ Produces a soft even field of light
■ Has a spherical specular high purity reflector
■ Ribbed housing for cooler operation

ACCESSORIES

4-Leaf Barndoor (531310)
Item # ARBD4F300 .......... 44.95

Safety Cable (853276)
Item # ARSCF300 .......... 8.95

Filter Frame (531320)
Item # ARFFF300 .......... 18.95

Heavy Duty Case (571197)
Dimensions:
40 x 191⁄2 x 131⁄2˝.
(102 x 50 x 34.3cm).
Weight: 29 lbs. (13.2kg)
Item # ARCF300 ............ 449.95

Snoot (531330)
Item # ARSF300 ............. 53.95

5˝ (12.7cm)
Full Single Scrim (531350)
Item # ARSSFSF300 .......... 9.95

5˝ (12.7cm)
Half Single Scrim (531351)
Item # ARSHSF300 .......... 9.95

5˝ (12.7cm)
Full Double Scrim (531352)
Item # ARSFD300 .......... 11.40

5˝ (12.7cm)
Half Double Scrim (531353)
Item # ARSHDF300 .......... 11.40

5˝ (12.7cm)
Full Triple Scrim (531354)
Item # ARSFTF300 .......... 14.95

5˝ (12.7cm)
Half Triple Scrim (531355)
Item # ARSHTF300 .......... 14.95

Scrib Bag (571711)
Item # ARSBF150 .......... 18.95

PHOTO METRICS WITH FKW LAMP

LAMP SPECIFICATIONS
Bulb Voltage Watts Life Hours Color Temp Item # Price
FKW 120 300 150 3200°K GBFKW 24.95
CP81 220 300 150 3200°K GBCP8124 29.95

PHOTO METRICS WITH FKW LAMP

FLOOD

Distance Beam Diameter Footcandles Lux F-Stop*
5´ (1.5m) 4.6˝ (1.4m) 184 1900 8.5
10´ (3.0m) 9.1˝ (2.8m) 46 495 5.6
15´ (4.6m) 13.7˝ (4.2m) 20 215 2.8
20´ (6.1m) 18.2˝ (5.3m) 11 118 2.8
25´ (7.6m) 22.8˝ (6.9m) 7 75 2

SPOT

Distance Beam Diameter Footcandles Lux F-Stop*
5´ (1.5m) 1.3˝ (0.4m) 648 6972 16
10´ (3.0m) 2.6˝ (0.8m) 162 1743 8
15´ (4.6m) 3.9˝ (1.2m) 72 775 5.6
20´ (6.1m) 5.3˝ (1.6m) 41 441 4
25´ (7.6m) 6.6˝ (2.0m) 26 280 4

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
650W Plus Fresnel

650W Plus Fresnel (531600)
Item # ARF650 .............. 309.95

650W Fresnel (Black) (531602)
With Black Finish.
Item # ARF650B ............ 368.95

650W Fresnel
Hanging Model (531601)
Item # ARF650H ............ 322.95

**Features**
- Spherical specular high purity reflector
- 4.3” (110mm) fresnel lens
- Ribbed housing

**Specifications**
- **Lampholder:** GY9.5.
- **Lens:** 4.3” (110mm) low expansion borosilicate fresnel.
- **Reflector:** Spherical specular high purity aluminum.
- **Cable:** 25’ (7.6m) cable with in-line switch.
- **Mounting:** 5/8” (16mm) stand mount.
- **Weight with Cable:** 7.2 lbs. (3.3kg)
- **Dimensions:** 9 x 12 x 7.5” (WHD) (229 x 305 x 190mm)

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>FRK</td>
<td>120</td>
<td>650</td>
<td>150</td>
<td>3200°K</td>
<td>GBFRK</td>
<td>29.95</td>
</tr>
<tr>
<td>FRG</td>
<td>120</td>
<td>500</td>
<td>150</td>
<td>3200°K</td>
<td>GBFRG</td>
<td>34.95</td>
</tr>
<tr>
<td>FKW</td>
<td>120</td>
<td>300</td>
<td>150</td>
<td>3200°K</td>
<td>GBFKW</td>
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<td>CP89</td>
<td>220</td>
<td>650</td>
<td>150</td>
<td>3200°K</td>
<td>ARLF650X</td>
<td>34.95</td>
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</table>

**Photometrics with FRK Lamp**

**Flood**

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<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>4.9’ (1.5m)</td>
<td>432</td>
<td>4648</td>
<td>16</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>9.8’ (3.0m)</td>
<td>108</td>
<td>1162</td>
<td>8</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>14.6’ (4.5m)</td>
<td>48</td>
<td>516</td>
<td>5.6</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>19.5’ (5.9m)</td>
<td>27</td>
<td>291</td>
<td>4</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>24.4’ (7.4m)</td>
<td>17</td>
<td>183</td>
<td>2.8</td>
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</table>

**Spot**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>1.3’ (0.4m)</td>
<td>1872</td>
<td>2043</td>
<td>32</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>2.5’ (0.8m)</td>
<td>468</td>
<td>5036</td>
<td>16</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>3.8’ (1.2m)</td>
<td>208</td>
<td>2238</td>
<td>11</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>5.1’ (1.6m)</td>
<td>117</td>
<td>1259</td>
<td>8</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>6.4’ (2.0m)</td>
<td>75</td>
<td>807</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**Accessories**

- 4-Leaf Barndoor (531610)
  Item # ARBD4F650W ........ 53.95
- Safety Cable (853276)
  Item # ARSCF650 ........... 8.95
- Filter Frame Set (531620)
  Item # ARFFF650 ........... 18.95
- Snoot (531630)
  Item # ARSF650 ............ 67.50
- 6’’ (16.8cm)
  Full Single Scrim (531650)
  Item # ARSF5650 ........... 9.95
- 6’’ (16.8cm)
  Half Single Scrim (531651)
  Item # ARSH5650 ........... 9.95
- 6’’ (16.8cm)
  Full Double Scrim (531652)
  Item # ARSFDF650 ........... 12.50
- 6’’ (16.8cm)
  Half Double Scrim (531653)
  Item # ARSHDF650 .......... 12.50
- 6’’ (16.8cm)
  Full Triple Scrim (531654)
  Item # ARSFFTF650 .......... 15.95
- 6’’ (16.8cm)
  Half Triple Scrim (531655)
  Item # ARSHTF650 .......... 15.95
- Scrim Bag (571712)
  Item # ARSBF650 .......... 19.95
- Heavy Duty Case (571197)
  Dimensions: 40 x 191/2 x 131/2.
  (102 x 50 x 34.3cm).
  Weight: 29 lbs. (13.2kg)
  Item # ARCF650 .......... 449.95
- Chimera Speed Ring (531658)
  Item # ARCSRF650 ........ 129.95

**Lighting Tip**

The most important word in studio light control is "gobo". Hardly anyone knows what it means, but you can’t beat the mysterious sound. It actually is short for "go between" and refers to anything that you stick in between the light and the subject to cast a shadow, diffuse the light, or whatever.

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
1000W PLUS FRESNEL

Includes a 5.1˝ (130mm) lens, reflector, housing and power cord. The yoke can be used to attach this unit to either 5/8˝ stud, as well as larger studio stands with 1 1/8˝ receivers. Beam angles are 57° in the flood position and 11° in the spot position. The 1000W Plus Fresnel accepts your choice of two 120V lamps - the 1000W EGT and the 750W EGR; and one 220V lamp - the 1000W CP40. This unit is still small enough to fit into the studio and produce a large amount of light. Lamps must be purchased separately.

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGT</td>
<td>120</td>
<td>1000</td>
<td>250</td>
<td>3200°K</td>
<td>GBEGT</td>
<td>29.95</td>
</tr>
<tr>
<td>EGR</td>
<td>120</td>
<td>750</td>
<td>200</td>
<td>3200°K</td>
<td>GBEGR</td>
<td>49.95</td>
</tr>
<tr>
<td>CP40</td>
<td>200/240</td>
<td>1000</td>
<td>200</td>
<td>3200°K</td>
<td>ARLF1KX</td>
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PHOTO METRICS WITH EGT LAMP

FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
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<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>10.9˝ (3.3m)</td>
<td>198</td>
<td>2130</td>
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</tr>
<tr>
<td>15’ (4.6m)</td>
<td>16.3˝ (5.0m)</td>
<td>88</td>
<td>947</td>
<td>5.6</td>
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<tr>
<td>20’ (6.1m)</td>
<td>21.7˝ (6.6m)</td>
<td>50</td>
<td>538</td>
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</tr>
<tr>
<td>25’ (7.6m)</td>
<td>27.1˝ (8.3m)</td>
<td>32</td>
<td>344</td>
<td>4</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>32.6˝ (9.9m)</td>
<td>22</td>
<td>237</td>
<td>2.8</td>
</tr>
</tbody>
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7/8˝ (19.7cm) Half Double Scrim (531153)
Item # ARSHDF1K .......... 12.50
7/8˝ (19.7cm) Full Double Scrim (531154)
Item # ARSHF1K .......... 17.95

ACCESSORIES

4-Leaf Barndoor (531110)
Item # ARBD4F1K .......... 67.50
8-Leaf Barndoor (531115)
Item # ARBD8F1K .......... 84.50
Safety Cable (853276)
Item # ARSCF1K .......... 8.95
Filter Frame (531120)
Item # ARFFF1K .......... 21.95
7/8˝ (19.7cm) Full Single Scrim (531150)
Item # ARSFSF1K .......... 9.95
7/8˝ (19.7cm) Half Single Scrim (531151)
Item # ARSHSF1K .......... 9.95
7/8˝ (19.7cm) Full Double Scrim (531152)
Item # ARSDF1K .......... 12.50
7/8˝ (19.7cm) Half Double Scrim (531153)
Item # ARSHDF1K .......... 12.50
7/8˝ (19.7cm) Full Triple Scrim (531154)
Item # ARSFTF1K .......... 17.95
7/8˝ (19.7cm) Half Triple Scrim (531155)
Item # ARSHT1K .......... 17.95
Snooth (531130)
Item # ARSF1K .......... 89.95

73/4˝ (19.7cm)
Full Single Scrim
Item # ARSFSF1K .......... 9.95
Half Single Scrim
Item # ARSHSF1K .......... 9.95
Full Double Scrim
Item # ARSDF1K .......... 12.50
Half Double Scrim
Item # ARSHDF1K .......... 12.50
Full Triple Scrim
Item # ARSFTF1K .......... 17.95
Half Triple Scrim
Item # ARSHT1K .......... 17.95

Scrim Bag (571712)
Item # ARSBF1K .......... 19.95
Snoot (531130)
Item # ARSF1K .......... 89.95

73/4˝ (19.7cm)
Full Triple Scrim
Item # ARSFTF1K .......... 17.95
73/4˝ (19.7cm)
Half Triple Scrim
Item # ARSHT1K .......... 17.95

Heavy Duty Case (571197)
Dimensions 40 x 19 1/2 x 13 1/2
ds (102 x 50 x 34.3cm).
Weight: 29 lbs. (13.2kg)
Item # ARCF1K .......... 449.95

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
A larger version of the 1000W Plus Fresnel and accepts the same lamps. It includes a standard Arri lens of 6.9" (175mm). Reflector, housing, power cord, and yoke are the same as the 1000W Fresnel. The “stand model” can be used with either lightweight, “C” stands or larger studio stands with 1½” receivers. The “hanging model”, designed to be hung from pipes and overhead grids comes with a pipe clamp to hang the light and a 2.5’ power cord. And, the “pole operated” hanging model allows for pan/tilts, on/off, and spot/flood settings from a pole without reaching up to the lamp fixture. Lamps must be purchased separately.

**1000W STUDIO FRESNEL**

**1000W Studio Fresnel**
**Stand Model** (532100)
With heavy duty 25’ cable.
Item # ARSF1KS .............. 479.95

**1000W Studio Fresnel**
**Hanging Model** (532101)
With 2½’ cable and pipe clamp.
Item # ARSF1KH .............. 569.95

**1000W Studio Fresnel Pole Operated Model** (532105)
With 6’ cable.
Item # ARSF1KP .............. 699.95

**FEATURES**
- A larger version of the 1000W Plus Fresnel
- 6.9” (175mm) fresnel lens
- Available in a stand mount, hanging model or pole operated model

**SPECIFICATIONS**
- **Lampholder:** G22.
- **Lens:** 6.9” (175mm) low expansion boro-silicate Fresnel lens.
- **Reflector:** Spherical specular high purity aluminum.
- **Cable:** 25’ (7.6m) cable with in-line switch.
- **Mounting:** Combination mount for 5/8” (16mm) stand or 1½” (29mm) stand. Hanging model with pipe clamp and 2.5’ cable.
- **Weight with Cable:** 15.2 lbs. (6.9kg)
- **Dimensions:** 14 x 17.75 x 12” (WHD) (356x451x305mm)

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>EGT</td>
<td>120</td>
<td>1000</td>
<td>250</td>
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<td>EGR</td>
<td>120</td>
<td>750</td>
<td>200</td>
<td>3200°K</td>
<td>GBEGR</td>
<td>49.95</td>
</tr>
<tr>
<td>CP40</td>
<td>200/240</td>
<td>1000</td>
<td>200</td>
<td>3200°K</td>
<td>ARF1KX</td>
<td>44.95</td>
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**PHOTO METRICS WITH EGT LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>12’ (3.7m)</td>
<td>180</td>
<td>1937</td>
<td>2.8</td>
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<tr>
<td>15’ (4.5m)</td>
<td>18’ (5.5m)</td>
<td>80</td>
<td>861</td>
<td>5.6</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>24’ (7.3m)</td>
<td>45</td>
<td>484</td>
<td>4.5</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>30’ (9.1m)</td>
<td>29</td>
<td>312</td>
<td>4</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>36’ (11.0m)</td>
<td>20</td>
<td>215</td>
<td>2.8</td>
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</tbody>
</table>

**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
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<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>2.0’ (0.6m)</td>
<td>1620</td>
<td>17,431</td>
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<tr>
<td>15’ (4.5m)</td>
<td>2.9’ (0.9m)</td>
<td>720</td>
<td>7747</td>
<td>5.6</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>3.8’ (1.2m)</td>
<td>405</td>
<td>4358</td>
<td>4</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>4.8’ (1.5m)</td>
<td>259</td>
<td>2787</td>
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<tr>
<td>30’ (9.1m)</td>
<td>5.8’ (1.8m)</td>
<td>180</td>
<td>1937</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Sporting a 6.9˝ (175mm) lens, this unit shares all the features of the 1000W Fresnel and is also available in three versions: the stand model, the hanging model and the pole operated model. The 2000W Fresnel accepts your choice of three 120V lamps and one 220V lamp (must be purchased separately). Beam angles are 60° in the flood position, 15° in the spot position.

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYX</td>
<td>120</td>
<td>2000</td>
<td>300</td>
<td>3200°K</td>
<td>GBCYX</td>
<td>57.50</td>
</tr>
<tr>
<td>CXX</td>
<td>120</td>
<td>1500</td>
<td>300</td>
<td>3200°K</td>
<td>GBCXX</td>
<td>75.50</td>
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<tr>
<td>CYV</td>
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<td>1000</td>
<td>200</td>
<td>3200°K</td>
<td>GBCYV</td>
<td>57.50</td>
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<tr>
<td>G41</td>
<td>220/240</td>
<td>2000</td>
<td>400</td>
<td>3200°K</td>
<td>ARLF2KX</td>
<td>53.95</td>
</tr>
</tbody>
</table>

**Lighting Tip**

It doesn’t take a lot of light to give a sunny look to an overcast day. The darker the day the easier it is. A few PAR HMI’s (The most efficient) hitting selected areas will do wonders. You can practice with one light on a small area to learn what to do.

**2000W Fresnel**

**Stand Model** (531200) With 25’ (7.6m) heavy duty cable. Item # ARF2KS ...............569.95

**2000W Fresnel**

**Hanging Model** (531201) With 30’ (.8m) cable & pipe clamp. Item # ARF2KH ...............587.50

**2000W Fresnel**

**Pole Operated Model** (531205) With 6’ (1.8m) cable. Item # ARF2KP ...............704.50

**Features**

- 6.9˝ (175mm) fresnel lens
- Available in a stand mount, hanging model or pole operated
- Uses 1000W, 1500W and 2000W lamps

**Specifications**

- Lampholder: G38.
- Lens: 6.9˝ (175mm) low expansion borosillicate Fresnel lens.
- Reflector: Spherical specular high purity aluminum.
- Cable: 25´ (7.6m) cable with in-line switch.
- Mounting: Combination mount for 5/8˝ (16mm) stand or 1½˝ (29mm) stand. Hanging model with pipe clamp and 2.5´ cable.
- Weight with Cable: 17 lbs. (7.7kg)
- Dimensions: 14 x 17.75 x 12˝ (WHD) (356 x 451 x 305mm)

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<td>2000</td>
<td>300</td>
<td>3200°K</td>
<td>GBCYX</td>
<td>57.50</td>
</tr>
<tr>
<td>CXX</td>
<td>120</td>
<td>1500</td>
<td>300</td>
<td>3200°K</td>
<td>GBCXX</td>
<td>75.50</td>
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<tr>
<td>CYV</td>
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<td>1000</td>
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<td>3200°K</td>
<td>GBCYV</td>
<td>57.50</td>
</tr>
<tr>
<td>G41</td>
<td>220/240</td>
<td>2000</td>
<td>400</td>
<td>3200°K</td>
<td>ARLF2KX</td>
<td>53.95</td>
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**Photoratics with CYX Lamp**

**Flood**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
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<tbody>
<tr>
<td>15’ (4.6m)</td>
<td>17.3 (5.3m)</td>
<td>189</td>
<td>2034</td>
<td>11</td>
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<tr>
<td>20’ (6.1m)</td>
<td>23.1 (7.0m)</td>
<td>106</td>
<td>1141</td>
<td>8</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>28.8 (8.9m)</td>
<td>68</td>
<td>732</td>
<td>5.6</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>34.6 (10.5m)</td>
<td>47</td>
<td>506</td>
<td>4.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>46.2 (14.3m)</td>
<td>27</td>
<td>291</td>
<td>4</td>
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**Spot**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>15’ (4.6m)</td>
<td>4.0 (1.2m)</td>
<td>811</td>
<td>8726</td>
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<tr>
<td>20’ (6.1m)</td>
<td>5.3 (1.6m)</td>
<td>456</td>
<td>4907</td>
<td>16</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>6.5 (2.0m)</td>
<td>292</td>
<td>3142</td>
<td>11.5</td>
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<tr>
<td>30’ (9.1m)</td>
<td>7.9 (2.4m)</td>
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<td>2184</td>
<td>11</td>
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<tr>
<td>40’ (12.2m)</td>
<td>10.5 (3.2m)</td>
<td>114</td>
<td>1227</td>
<td>8</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The big brother of the 2000W Fresnel uses the same lamps. This unit shares the same features as the 1000W Studio Fresnel with the exception of the stand adapter on the yoke which only attaches to 1 1/8” receivers found on larger studio stands. It is available in the same three versions. A larger 10” (250mm) lens can be found on this unit, enabling it to cover a larger area with light. Beam angles are 62° in the flood position and 10° in the spot position. Lamps must be purchased separately.

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYX</td>
<td>120</td>
<td>2000</td>
<td>300</td>
<td>3200°K</td>
<td>GBCYX</td>
<td>57.50</td>
</tr>
<tr>
<td>CZX</td>
<td>120</td>
<td>1500</td>
<td>300</td>
<td>3200°K</td>
<td>GBCZX</td>
<td>97.50</td>
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<tr>
<td>CVY</td>
<td>120</td>
<td>1000</td>
<td>200</td>
<td>3200°K</td>
<td>GBCVY</td>
<td>57.50</td>
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<tr>
<td>CP41</td>
<td>220/240</td>
<td>2000</td>
<td>400</td>
<td>3200°K</td>
<td>ARF2XX</td>
<td>53.95</td>
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### PHOTO METRICS WITH CYX LAMP

#### FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>15’ (4.6m)</td>
<td>18” (5.5m)</td>
<td>162</td>
<td>1743</td>
<td>8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>24” (7.3m)</td>
<td>90</td>
<td>968</td>
<td>5.6%</td>
</tr>
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<td>25’ (7.6m)</td>
<td>30” (9.1m)</td>
<td>58</td>
<td>624</td>
<td>5.6</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>36” (11.0m)</td>
<td>40</td>
<td>430</td>
<td>4.5</td>
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<tr>
<td>40’ (12.2m)</td>
<td>48” (14.6m)</td>
<td>22</td>
<td>237</td>
<td>2.8</td>
</tr>
</tbody>
</table>

#### SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>15’ (4.6m)</td>
<td>2.6” (0.8m)</td>
<td>1120</td>
<td>12,051</td>
<td>22</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>3.5” (1.1m)</td>
<td>630</td>
<td>6779</td>
<td>16</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>4.4” (1.3m)</td>
<td>403</td>
<td>4336</td>
<td>16</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>5.2” (1.6m)</td>
<td>280</td>
<td>3012</td>
<td>11</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>7.0” (2.1m)</td>
<td>157</td>
<td>1689</td>
<td>8</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/18 sec.
Sharing all the features of the 2000W Studio Fresnel, this 5000W light comes in three versions, the “stand model”, “hanging model” and the “pole operated”. It has a 10” (250mm) lens and uses either a 120V or 220V lamp (must be purchased separately). Beam angles are 62° in the flood position and 13° in spot position.

**Features**
- Yoke attaches only to 1 1/8” receivers found on larger studio stands
- Larger 10” (250mm) fresnel lens covering a larger area
- Available in a stand mount, hanging model or pole operated model
- Uses 5000W lamps

**Specifications**
- Lampholder: G38
- Lens: 10” (250mm) low expansion borosilicate Fresnel lens
- Reflector: Spherical specular high purity aluminum
- Cable: 22’ (6.7m) cable.
- Mounting: 1 1/8” (29mm) stand mount or hanging model with pipe clamp and 2.5’ cable.
- Weight with Cable: 32.4 lbs. (14.7kg)
- Dimensions: 17 x 24.75 x 14.5” (WHD) (432x629x368mm)

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPY</td>
<td>120</td>
<td>5000</td>
<td>500</td>
<td>3200°K</td>
<td>GBDPY</td>
<td>274.95</td>
</tr>
<tr>
<td>CP29</td>
<td>220/240</td>
<td>5000</td>
<td>500</td>
<td>2200°K</td>
<td>ARF5KX</td>
<td>197.95</td>
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</tbody>
</table>

**Optometric with DPY Lamp**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>24” (7.3m)</td>
<td>175</td>
<td>1883</td>
<td>8.5</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>30” (9.1m)</td>
<td>112</td>
<td>1205</td>
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<tr>
<td>30’ (9.1m)</td>
<td>36” (11m)</td>
<td>78</td>
<td>839</td>
<td>5.64</td>
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<tr>
<td>40’ (12.2m)</td>
<td>48” (14.6m)</td>
<td>44</td>
<td>473</td>
<td>4.5</td>
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<tr>
<td>50’ (15.2m)</td>
<td>60” (18.3m)</td>
<td>28</td>
<td>301</td>
<td>4</td>
</tr>
</tbody>
</table>

1 footcandle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**Lighting Tip**

If you are not looking for any surprises or special effects make sure your film and light source match in color temperature. The first way is to use daylight or tungsten film with corresponding light sources. The second is to put a filter on the lens of your camera. The last way is to filter the light units themselves.
The big brother of the 5000W Fresnel, this unit, the 5000W Studio Fresnel shares all the same features, is available in the same three versions, and accepts the same lamps (must be purchased separately). Beam angles are 67° in the flood position and 13° in the spot position. The lens is 11.8˝ (300mm).

**Features**
- Yoke attaches only to 1⅛˝ receivers found on larger studio stands
- Larger 11.8˝ (300mm) fresnel lens covering a larger area
- Available in a stand mount, hanging model or pole operated model
- Uses 5000W lamps

**Specifications**
- Lampholder: G38.
- Lens: 11.8˝ (300mm) low expansion borosillicate Fresnel lens.
- Reflector: Spherical specular high purity aluminum.
- Cable: 22´ (6.7m) cable.
- Mounting: 1⅛˝ (29mm) stand mount or hanging model with pipe clamp and 2.5´ cable.
- Weight with Cable: 37.5 lbs. (17kg)
- Dimensions: 20 x 27.25 x 16.5˝ (WHD) (508x692x419mm)

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPY</td>
<td>120</td>
<td>5000</td>
<td>500</td>
<td>3200°K</td>
<td>GBDPY</td>
<td>274.95</td>
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<tr>
<td>CP29</td>
<td>220/240</td>
<td>5000</td>
<td>500</td>
<td>3200°K</td>
<td>ARFSFKX</td>
<td>197.95</td>
</tr>
</tbody>
</table>

**Accessories**

- 4-Leaf Barndoor (532510)
  - Item # ARBD4SF5K ........... 98.95
- 8-Leaf Barndoor (532515)
  - Item # ARBD8SF5K ..........119.95
- Safety Cable (853276)
  - Item # ARSCSF5K ............8.95
- Filter Frame (532520)
  - Item # ARFFSF5K ..........42.95
- Soot (532530)
  - Item # ARSSF5K ............138.50
- Operating Pole (531510)
  - Item # ARPSF5K ............119.95
- Outrigger Color Frame (532560)
  - Item # AROCFSF5K ..........188.95
- 15½˝ (39.4cm) Full Single Scrim (532550)
  - Item # ARSFSSSF5K ........22.95
- 15½˝ (39.4cm) Half Single Scrim (532551)
  - Item # ARSHSSSF5K ..........22.95
- 15½˝ (39.4cm) Full Double Scrim (532552)
  - Item # ARSFDFSF5K .........24.95
- 8-Leaf Barndoor (532515)
  - Item # ARBD8SF5K ..........119.95
- 4-Leaf Barndoor (532510)
  - Item # ARBD4SF5K ...........98.95
- 15½˝ (39.4cm) Full Single Scrim (532550)
  - Item # ARSFSSSF5K ........22.95
- 15½˝ (39.4cm) Half Single Scrim (532551)
  - Item # ARSHSSSF5K ..........22.95
- 15½˝ (39.4cm) Full Double Scrim (532552)
  - Item # ARSFDFSF5K .........24.95
- Scrim Bag (571716)
  - Item # ARSBSF5K ..........26.50

**Lighting Tip**

Your shadows are valuable. If there are no shadows you lose all 3D information. Never light opposite sides of a character or object with equal brightness or color. Shadows, and the way they’re cast, can add immensely to the illusion of depth and mood.
FEATURES

- Latest version of the 10,000W light
- Allows use of 10,000W and 12,000W lamps
- Has a 16.7” (425mm) Fresnel lens
- Available in stand or pole operated models.

SPECIFICATIONS

Lampholder:
G38.

Lens:
16.7” (425mm) low expansion borosilicate Fresnel lens.

Reflector:
Spherical specular high purity aluminum.

Cable:
6.6’ (2m) cable.

Mounting:
1¼” (29mm) stand mount or hanging model with pipe clamp.

Weight with Cable:
64 lbs. (29kg)

Dimensions:
28 x 37.75 x 21.5” (WHD) (711x959x546mm)

The latest version of this 10000W light allows the use of a 12000W lamp, as well as the 10000W lamp previously used. They come in the same three versions as the 5000W Studio Fresnel. Each version comes set up for operation with either a 120V or 220V A/C power. The light features a 16.7” (425mm) lens and has a 1¼” male stand mount. Beam angles are 54° in the flood position and 13° in the spot position. Lamps must be purchased separately.

LIGHTING TIP

While it’s tempting to insert hundreds of objects in your scene, and enough lights to illuminate an average auditorium, the most effective images are usually the simplest. The more lights there are in your scene, the harder they are to control. Keep your lighting effective, but minimal.
The T24 allows the use of 24000W lamps, as well as the previously used 20000W lamps. This is possible through an improved cooling system. The lens diameter of 24.6˝ (625mm) guarantees high light output and a particularly even light spread. To avoid high starting current, the T24 is powered by an external dimmer. The built-in pre heating function protects the coiled filament and guarantees long bulb life.

**SPECIFICATIONS**
- **Lampholder:** G38.
- **Lens:** 24.6˝ (625mm) low expansion borosilicate Fresnel lens.
- **Reflector:** Spherical specular high purity aluminum.
- **Cable:** 6.6´ (2m) cable.
- **Mounting:** 1½˝ (29mm) stand mount.
- **Weight with Cable:** 128 lbs. (58kg)
- **Dimensions:** 37 x 53.25 x 31˝ (WHD) (940x1353x787mm)

**PHOTO METRICS WITH KP240H LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>25' (7.6m)</td>
<td>28.8˝ (8.8m)</td>
<td>685</td>
<td>7371</td>
<td>16.8</td>
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<tr>
<td>30' (9.1m)</td>
<td>34.6´ (10.5m)</td>
<td>476</td>
<td>5122</td>
<td>16</td>
</tr>
<tr>
<td>40' (12.2m)</td>
<td>46.2´ (14.1m)</td>
<td>268</td>
<td>2884</td>
<td>11</td>
</tr>
<tr>
<td>50' (15.2m)</td>
<td>57.7´ (17.6m)</td>
<td>171</td>
<td>1840</td>
<td>8.5</td>
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<tr>
<td>75' (22.9m)</td>
<td>86.6´ (26.4m)</td>
<td>76</td>
<td>818</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>ARBDFT24</td>
<td>4-Leaf Barndoor</td>
</tr>
<tr>
<td>ARSHDFT24</td>
<td>Half Double Scrim</td>
</tr>
<tr>
<td>ARSFSDFT24</td>
<td>Full Double Scrim</td>
</tr>
<tr>
<td>ARSFT24</td>
<td>1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.</td>
</tr>
</tbody>
</table>
**ARRILITE 600**

**Arrilite 600 (571600)**

Item # ARAL600 .............. 259.95

**FEATURES**

- The “baby” of the Arrilites, the 600 has a 5” open face and a 11.5” power cable. The thermoplastic housing incorporates an anodized aluminum reflector for maximum light efficiency.
- Beam angles are 90° in the flood mode and 34° in the spot position. The yoke adapts this light to any 5/8” or smaller lightstand, stud or mounting accessory. This light accepts four lamps, including the 250 watt 30 volt “DYG” that can operate off a 30 volt battery. Includes an accessory holder and a safety mesh.

**SPECIFICATIONS**

Lampholder:

GY9.5.

Reflector:

Anodized aluminum.

Cable:

11.5’ (3.5m) cable with in-line switch.

Mounting:

5/8” (16mm) stand mount.

Weight with Cable:

3.6 lbs. (1.6kg)

Dimensions:

7.5 x 9.75 x 5.5” (WHD) (190x248x140mm)

**ACCESSORIES**

- 4-Leaf Barndoors (571610)
  Item # ARBD4AL600 .......... 49.50
- Full Single Scrim (531360)
  Item # ARSFAL600 .......... 9.95
- 5’ (12.7cm) Full Double Scrim (531352)
  Item # ARSFDAL600 ........ 11.40
- Half Single Scrim (531351)
  Item # ARSHSAL600 ........ 9.95
- 5’ (12.7cm) Half Double Scrim (531353)
  Item # ARSHDAL600 .......... 11.40

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>DYS</td>
<td>120</td>
<td>600</td>
<td>75</td>
<td>3200°K</td>
<td>GBDYS</td>
<td>14.95</td>
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<tr>
<td>BK</td>
<td>220</td>
<td>420</td>
<td>75</td>
<td>3200°K</td>
<td>GBK</td>
<td>18.49</td>
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<td>DYG</td>
<td>30</td>
<td>250</td>
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<td>3200°K</td>
<td>GBDYG</td>
<td>17.50</td>
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<td>DYR</td>
<td>220</td>
<td>650</td>
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<td>3200°K</td>
<td>GBDYR220</td>
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**PHOTOMETRICS WITH DYS LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandies</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>10’ (0.3m)</td>
<td>250</td>
<td>2700</td>
<td>11</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>20’ (6.1m)</td>
<td>63</td>
<td>680</td>
<td>5.6</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>30’ (9.1m)</td>
<td>28</td>
<td>302</td>
<td>4</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>40’ (12.2m)</td>
<td>16</td>
<td>172</td>
<td>2.8</td>
</tr>
</tbody>
</table>

**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandies</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>3’ (0.9m)</td>
<td>960</td>
<td>10388</td>
<td>22</td>
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<tr>
<td>10’ (3.0m)</td>
<td>6.1’ (1.9m)</td>
<td>240</td>
<td>2592</td>
<td>11</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>9.2’ (2.8m)</td>
<td>106</td>
<td>1144</td>
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</tr>
<tr>
<td>20’ (6.1m)</td>
<td>12.2’ (3.7m)</td>
<td>60</td>
<td>648</td>
<td>5.6</td>
</tr>
</tbody>
</table>

Lighting Tip:
The “baby” of the Arrilites, the 600 has a 5” open face and a 11.5” power cable. The thermoplastic housing incorporates an anodized aluminum reflector for maximum light efficiency. Beam angles are 90° in the flood mode and 34° in the spot position. The yoke adapts this light to any 5/8” or smaller lightstand, stud or mounting accessory. This light accepts four lamps, including the 250 watt 30 volt “DYG” that can operate off a 30 volt battery. Includes an accessory holder and a safety mesh. Lamps must be purchased separately.

Using grids and snoots are two ways of controlling the spread of light and making it more directional.
ARRILITE 650

The 650 is the larger brother of the 600 and throws a beam that is almost twice the power (in footcandles). This 650W light features an injection-molded thermoplastic body with a unique inner aluminum shell and the same reflector featured in the Arrilite 600. A 7\(\frac{1}{4}\)˝ (18.4cm) open face provides beam angles of 70° when in the flood position and 26° in the spot mode. A 11.5´ (3.5m) power cord with an in-line on/off switch provides electrical current to the lamp. Includes an accessory holder and a safety mesh.

**SPECIFICATIONS**

- **Lampholder:** R7s
- **Reflector:** Anodized aluminum
- **Cable:** 11.5´ (3.5m) cable with in-line switch
- **Mounting:** 5/8˝ (16mm) stand mount
- **Weight with Cable:** 5.2 lbs. (2.4kg)
- **Dimensions:** 7.5 x 11.5 x 7.5˝ (WHD) (190x292x190mm)

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAD</td>
<td>120</td>
<td>650</td>
<td>100</td>
<td>3200°K</td>
<td>GBFAD</td>
<td>14.95</td>
</tr>
<tr>
<td>FBX</td>
<td>120</td>
<td>650</td>
<td>100</td>
<td>3200°K</td>
<td>GBFBX</td>
<td>29.95</td>
</tr>
<tr>
<td>DXX</td>
<td>240</td>
<td>800</td>
<td>75</td>
<td>3200°K</td>
<td>GBDDXX</td>
<td>18.95</td>
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</table>

**PHOTOMETRICS WITH FAD LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5´ (1.5m)</td>
<td>7.1’ (2.1m)</td>
<td>400</td>
<td>4320</td>
<td>16</td>
</tr>
<tr>
<td>10´ (3.0m)</td>
<td>14’ (4.3m)</td>
<td>100</td>
<td>1080</td>
<td>8</td>
</tr>
<tr>
<td>15´ (4.6m)</td>
<td>21’ (6.4m)</td>
<td>44</td>
<td>475</td>
<td>4.5</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>28’ (8.5m)</td>
<td>25</td>
<td>270</td>
<td>4</td>
</tr>
<tr>
<td>25´ (7.6m)</td>
<td>35’ (10.1m)</td>
<td>16</td>
<td>172</td>
<td>2.8</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5´ (1.5m)</td>
<td>2.2’ (0.7m)</td>
<td>1800</td>
<td>19,440</td>
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</tr>
<tr>
<td>10´ (3.0m)</td>
<td>4.3’ (1.4m)</td>
<td>450</td>
<td>4860</td>
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</tr>
<tr>
<td>15´ (4.6m)</td>
<td>6.5’ (1.9m)</td>
<td>200</td>
<td>2160</td>
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</tr>
<tr>
<td>20´ (6.1m)</td>
<td>9.2’ (2.8m)</td>
<td>113</td>
<td>1220</td>
<td>8</td>
</tr>
<tr>
<td>25´ (7.6m)</td>
<td>11.5’ (3.5m)</td>
<td>72</td>
<td>777</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
As an open-faced fixture, this unit is designed for a wide range of film and photographic lighting applications. It includes an accessory holder and safety mesh. Sharing all the same features, size, weight and accessories as the Arrilite 650, the 1000 provides beam angles of 65° in the flood position and 24° in the spot position. The Arrilite 1000 takes three different lamps, and is a perfect compliment as a higher output light that fits with the 650 kits. Lamps must be purchased separately.

**FEATURES**
- Designed for a wide range of film and photographic applications
- A perfect compliment as a higher output light
- Uses 1000W lamps
- Has a 7 1/4” open face
- Includes accessory holder and a safety mesh

**SPECIFICATIONS**
- Lampholder: R7s
- Reflector: Anodized aluminum
- Cable: 11.5’ (3.5m) cable with in-line switch
- Mounting: 5/8’ (16mm) stand mount
- Weight with Cable: 5.2 lbs. (2.4kg)
- Dimensions: 7.5 x 11.5 x 7.5’’ (WHD) (190x292x190mm)

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DXW</td>
<td>120</td>
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<td>150</td>
<td>3200°K</td>
<td>GBDXW</td>
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<tr>
<td>DXN</td>
<td>120</td>
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<td>150</td>
<td>3200°K</td>
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<td>P235</td>
<td>220</td>
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<td>50</td>
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<td>ARLAL1K</td>
<td>29.95</td>
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</table>

**PHOTO METRICS WITH DXW LAMP**

**FLOOD**

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<tr>
<th>Distance</th>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop *</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>6.5’ (2.0m)</td>
<td>580</td>
<td>6264</td>
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</tr>
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<td>15’ (3.0m)</td>
<td>13’ (4.0m)</td>
<td>145</td>
<td>1566</td>
<td>8</td>
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<tr>
<td>15’ (4.6m)</td>
<td>19.5’ (5.9m)</td>
<td>65</td>
<td>702</td>
<td>5.6</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>26’ (7.9m)</td>
<td>36</td>
<td>388</td>
<td>4</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>32.5’ (9.4m)</td>
<td>23</td>
<td>248</td>
<td>2.8</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop *</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>2.2’ (0.7m)</td>
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<td>30,024</td>
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<td>15’ (3.0m)</td>
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<td>7506</td>
<td>16</td>
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<tr>
<td>15’ (4.6m)</td>
<td>6.4’ (1.9m)</td>
<td>309</td>
<td>3337</td>
<td>11</td>
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<td>20’ (6.1m)</td>
<td>8.5’ (2.6m)</td>
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<td>1879</td>
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<td>25’ (7.6m)</td>
<td>10.8’ (3.5m)</td>
<td>111</td>
<td>1198</td>
<td>5.6</td>
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</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
ARRILITE 2000

ARRILITE 2000

Arrilite 2000 (571200)
Item # ARAL2K .................. 379.95

FEATURES

- Has a large 10˝ open face
- Handles the broadest range of video location and studio lighting requirements
- Weighs only 8.7 lbs. (3.9kg)
- Allows great flexibility for key, fill or bounce lighting
- Uses 1000W and 2000W lamps
- Includes accessory holder and a safety mesh

SPECIFICATIONS

Lampholder:
R7S.

Reflector:
Anodized aluminum.

Cable:
11.5´ (3.5m) cable with in-line switch.

Mounting:
5/8˝ (16mm) stand mount.

Weight with Cable:
8.7 lbs. (3.9kg)

Dimensions:
12 x 13.25 x 9.3˝ (WHD) (305x337x236mm)

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tr>
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<td>1000</td>
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<td>GBFER</td>
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<td>300</td>
<td>3200°K</td>
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PHOTO METRICS WITH FEY LAMP

FLOOD

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<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>10.6´ (3.2m)</td>
<td>450</td>
<td>4860</td>
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<tr>
<td>15´ (4.6m)</td>
<td>15.9´ (4.9m)</td>
<td>200</td>
<td>2160</td>
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<tr>
<td>20´ (6.1m)</td>
<td>21.2´ (6.5m)</td>
<td>113</td>
<td>1220</td>
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<tr>
<td>25´ (7.6m)</td>
<td>26.5´ (8.1m)</td>
<td>72</td>
<td>777</td>
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<tr>
<td>30´ (9.1m)</td>
<td>31.8´ (9.7m)</td>
<td>50</td>
<td>540</td>
<td>4.5</td>
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SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>3.4´ (1.0m)</td>
<td>2430</td>
<td>26244</td>
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<tr>
<td>15´ (4.6m)</td>
<td>5.1´ (1.5m)</td>
<td>1080</td>
<td>11644</td>
<td>22</td>
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<tr>
<td>20´ (6.1m)</td>
<td>6.8´ (2.0m)</td>
<td>608</td>
<td>6566</td>
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<tr>
<td>25´ (7.6m)</td>
<td>8.5´ (2.6m)</td>
<td>389</td>
<td>4201</td>
<td>11.5</td>
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<tr>
<td>30´ (9.1m)</td>
<td>10.2´ (3.1m)</td>
<td>270</td>
<td>2916</td>
<td>11</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

With a large 10˝ (25.4cm) open face, this is the largest of the Arrilites. The 2000 handles the broadest range of video location and studio lighting requirements. Weighing only 8.7 lbs. (3.9kg), the Arrilite 2000 is the first 2000 watt fixture to take advantage of Arri’s thermoplastic construction. The higher output of the 2000 allows greater flexibility for key, fill or bounce lighting. Includes a heavy duty cable, an accessory holder and a safety mesh. Lamps must be purchased separately.

Accessories:

- Heavy Duty Case
  Dimensions: 40 x 19½ x 14˝.  Weighs 27 lbs. (12.2kg).
  Item # ARCAL2K ............ 449.95
- 39˝ White Umbrella
  Item # ARUW ..................... 58.50
- Umbrella Holder
  Item # ARUH ..................... 28.50

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>ARBD4AL2K</td>
<td>89.95</td>
</tr>
<tr>
<td>ARFDAL2K</td>
<td>238.50</td>
</tr>
<tr>
<td>ARSRAL2K</td>
<td>305.95</td>
</tr>
<tr>
<td>ARSFSAL2K</td>
<td>14.95</td>
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<tr>
<td>ARSHSAL2K</td>
<td>14.95</td>
</tr>
<tr>
<td>ARSHDAL2K</td>
<td>16.95</td>
</tr>
<tr>
<td>ARSFDAL2K</td>
<td>16.95</td>
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<tr>
<td>ARSHDAL2K</td>
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<td>ARCAL2K</td>
<td>449.95</td>
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<tr>
<td>ARUW</td>
<td>58.50</td>
</tr>
<tr>
<td>ARUH</td>
<td>28.50</td>
</tr>
</tbody>
</table>
The small size and light weight of the Arrisoft 1000 make it an excellent solution for that soft-fill or main light, especially in situations where bulky soft boxes would not be the choice fixture to use. Includes a heavy duty 25´ (7.62cm) cable. Lamps must be purchased separately.

**ARRISOFT 1000**

**ARRISoft 1000** (536100)
Item # ARAS1K .............379.95

**FEATURES**
- Small size and light weight
- Excellent solution for soft fill or main light
- Uses 650W, 750W, 800W and 1000W lamps

**SPECIFICATIONS**

**Lampholder:**
R7S.

**Cable:**
25´ (7.6m).

**Aperture:**
7.7” x 9.5”.

**Mounting:**
5/8” (16mm) stand mount.

**Weight with Cable:**
10.7 lbs. (4.9kg)

**Dimensions:**
12.5 x 17 x 4” (WHD) (317x432x102mm)

**BULB SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCM</td>
<td>120</td>
<td>1000</td>
<td>400</td>
<td>3200°K</td>
<td>GBFCM</td>
<td>12.95</td>
</tr>
<tr>
<td>FHM</td>
<td>120</td>
<td>1000</td>
<td>400</td>
<td>3200°K</td>
<td>GBFHM</td>
<td>12.95</td>
</tr>
<tr>
<td>EME</td>
<td>220</td>
<td>800</td>
<td>250</td>
<td>3200°K</td>
<td>GBEME</td>
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<tr>
<td>EMF</td>
<td>240</td>
<td>800</td>
<td>250</td>
<td>3200°K</td>
<td>GBEMF</td>
<td>18.95</td>
</tr>
<tr>
<td>EJG</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200°K</td>
<td>GBEG</td>
<td>22.95</td>
</tr>
<tr>
<td>EMD</td>
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<td>750</td>
<td>400</td>
<td>3200°K</td>
<td>GBEMD</td>
<td>17.95</td>
</tr>
<tr>
<td>FCM/HIR</td>
<td>120</td>
<td>650</td>
<td>400</td>
<td>3200°K</td>
<td>GBFCMHIR</td>
<td>24.95</td>
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**PHOTO METRICS WITH FCM LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Vertical Beam Spread</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
<th>Horizontal Beam Angle</th>
<th>Vertical Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>4´ (.12m)</td>
<td>5.7” (.17m)</td>
<td>576</td>
<td>6198</td>
<td>16</td>
<td>74°</td>
<td>71°</td>
</tr>
<tr>
<td>6´ (.18m)</td>
<td>8.6” (.26m)</td>
<td>256</td>
<td>2755</td>
<td>11</td>
<td>74°</td>
<td>71°</td>
</tr>
<tr>
<td>10´ (.30m)</td>
<td>14.3” (.44m)</td>
<td>92</td>
<td>990</td>
<td>8</td>
<td>74°</td>
<td>71°</td>
</tr>
<tr>
<td>12´ (.37m)</td>
<td>17.1” (.52m)</td>
<td>64</td>
<td>689</td>
<td>5.6</td>
<td>74°</td>
<td>71°</td>
</tr>
<tr>
<td>15´ (.45m)</td>
<td>21.4” (.65m)</td>
<td>41</td>
<td>441</td>
<td>4.5</td>
<td>74°</td>
<td>71°</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**ACCESSORIES**

- Egg Crate (536115)
  Item # ARECAS1000 ..........89.95
- Filter Frame (536120)
  Item # ARFFAS1000 ..........23.95
- Safety Cable (853276)
  Item # ARSCF300 ............8.95
- Egg Crate Warm Reflector (536125)
  Item # ARRWAS1K ..........18.95
- Hard Reflector (536126)
  Item # ARRHAS1K ...........23.95
- Cool Reflector (536127)
  Item # ARRCAS1K ...........33.50
- Warm Reflector (536128)
  Item # ARRHAS1KQ ..........33.50
- Gold Reflector (536129)
  Item # ARRGAS1K ..........33.50

**LIGHTING TIP**

When changing a household bulb for a higher wattage photoflood, make sure not to leave it on for long periods of time. Your household fixtures are not meant for the high current consumption and heat output of photoflood bulbs.
ARRISOF T 2000

Arrisoft 2000 (536200)
Item # ARAS2K ............... 439.95

FEATURES

- Perfect for studio amid tough location situations
- Delivers the brightest and most controllable light of all Arri softlights
- Light source measures 8.2 x 17.1˝ (20.8 x 43.4cm)
- Uses two 650W, 750W, 800W or 1000W lamps.

SPECIFICATIONS

Lampholder: R7S.
Cable: 25´ (7.6m).
Aperture: 8.2” x 17.1”.
Mounting: 5/8” (16mm) stand mount.
Weight with Cable: 16.5 lbs. (7.5kg)
Dimensions: 21.25 x 17 x 5.5˝ (WHD) (540 x 432 x 140mm)

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCM</td>
<td>120</td>
<td>1000</td>
<td>400</td>
<td>3200˚K</td>
<td>GBFCM</td>
<td>12.89</td>
</tr>
<tr>
<td>FHM</td>
<td>120</td>
<td>1000</td>
<td>400</td>
<td>3200˚K</td>
<td>GBFHM</td>
<td>12.95</td>
</tr>
<tr>
<td>BHE</td>
<td>220</td>
<td>800</td>
<td>250</td>
<td>3200˚K</td>
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<td>17.95</td>
</tr>
<tr>
<td>EMF</td>
<td>220</td>
<td>800</td>
<td>250</td>
<td>3200˚K</td>
<td>GBEMF</td>
<td>18.95</td>
</tr>
<tr>
<td>EJG</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200˚K</td>
<td>GBEG</td>
<td>22.95</td>
</tr>
<tr>
<td>EMD</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200˚K</td>
<td>GBEMD</td>
<td>17.95</td>
</tr>
<tr>
<td>FOM/HIR</td>
<td>120</td>
<td>650</td>
<td>400</td>
<td>3200˚K</td>
<td>GBFONHIR</td>
<td>24.95</td>
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</table>

PHOTO METRICS WITH FCM LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Vertical Beam Spread</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
<th>Horizontal Beam Angle</th>
<th>Vertical Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ (1.2m)</td>
<td>5.7’ (1.7m)</td>
<td>1044</td>
<td>11,233</td>
<td>22</td>
<td>73˚</td>
<td>71˚</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>8.6’ (2.6m)</td>
<td>464</td>
<td>4993</td>
<td>16</td>
<td>73˚</td>
<td>71˚</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>14.3’ (4.4m)</td>
<td>167</td>
<td>1797</td>
<td>8.5</td>
<td>73˚</td>
<td>71˚</td>
</tr>
<tr>
<td>12’ (3.7m)</td>
<td>17.1’ (5.2m)</td>
<td>116</td>
<td>1248</td>
<td>8</td>
<td>73˚</td>
<td>71˚</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>21.4’ (6.5m)</td>
<td>74</td>
<td>796</td>
<td>5.6</td>
<td>73˚</td>
<td>71˚</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

LIGHTING TIP

Background shadows are what usually separate amateur portraits from professional ones. The subject and background should be as far apart as possible so the background can be lit separately or go dark.

www.bhphotovideo.com
The Mini-Flood and Mini-Cyc are specially designed fixtures for special applications that utilize the same lightweight housing. The Mini-Cyc's asymmetrical reflector is ideal for close-in applications or cycloramas or backdrops. The Mini-Flood is an all purpose fill-light with a smooth, even field and higher output than comparable fixtures. The Mini-Flood comes with a 25’ (7.62cm) cord with an in-line switch, the Mini-Cyc comes with a 30” (.76cm) cable. An integral barndoor with a filter holder is included with both models. In addition, the Mini-cyc comes with a pipe clamp. The Mini-Flood and Mini-Cyc use the same lamps as the Arrisoft. Lamps must be purchased separately.

**Mini-Flood (572100)**
- With 25’ (7.62cm) cable, barn-doors, integral filter holder.
- Item # ARMF1K..........269.95

**Mini-Cyc (535100)**
- With 30” (.76cm) cable, barn-doors, integral filter holder and pipe clamp.
- Item # ARMC1K ............279.95

**Safety Cable (853276)**
- Item # ARSCF300.............8.95

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCM</td>
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<td>1000</td>
<td>400</td>
<td>3200°K</td>
<td>GBFCM</td>
<td>12.89</td>
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<tr>
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<td>400</td>
<td>3200°K</td>
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<td>3200°K</td>
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<td>17.95</td>
</tr>
<tr>
<td>EMF</td>
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<td>250</td>
<td>3200°K</td>
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<td>EJG</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200°K</td>
<td>GBEG</td>
<td>22.95</td>
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<tr>
<td>EMD</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200°K</td>
<td>GBEMD</td>
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<td>FCM/HIR</td>
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<td>650</td>
<td>400</td>
<td>3200°K</td>
<td>GBFCMHIR</td>
<td>24.95</td>
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</table>

### PHOTO METRICS WITH FHM LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>10’ (3.0m)</td>
<td>370</td>
<td>3981</td>
<td>11.5</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>20’ (6.1m)</td>
<td>93</td>
<td>1001</td>
<td>56%</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>30’ (9.1m)</td>
<td>41</td>
<td>441</td>
<td>4.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>40’ (12.2m)</td>
<td>23</td>
<td>247</td>
<td>4</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>50’ (15.2m)</td>
<td>15</td>
<td>161</td>
<td>2.8</td>
</tr>
</tbody>
</table>

**Mini-Cyc**
- Lampholder: R7S.
- Reflector: High purity aluminum.
- Cable: 30” (.76cm).
- Mounting: C-Clamp.
- Weight: 5.5 lbs. (2.5kg)
- Dimensions: 10.5 x 9 x 4” (WHD) (267x229x102mm)

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
ARRI
STANDS/PORTABLE KITS

Fresnel Lighting Kits

Arri has put together a comprehensive range of lighting kits to fulfill the needs of any location lighting setup. The kits range from Arrilite only, to combination Fresnel and Softlite kits. All kits contain stands, barndoors, scrims, lamps and a hard shell carrying case with foam dividers. Heavy duty cases supplied with some kits have wheels, heavy duty locks and an accessory compartment.

Fresnel 150/3 Kit (571900)
Consists of:
3- 530100 Arri 150W Fresnel
3- 530110 Barndoor
3- 530120 Filter Frame
3- 530150 3˝ Full Single Scrim
3- 530152 3˝ Full Double Scrim
3- 530143 ESP 150W Lamp
3- 570051 AS-01 Stand
1- 571690 Heavy Duty Compact Case
Weight: 31 lbs. (14.1kg).
Item # ARF1503K ..........1427.95

Fresnel 150/4 Kit (571902)
Consists of:
4- 530100 Arri 150W Fresnel
4- 530110 Barndoor
4- 530120 Filter Frame
4- 530150 3˝ Full Single Scrim
4- 530152 3˝ Full Double Scrim
4- 5360143 ESP 150W Lamp
4- 570051 AS-01 Stand
1- 571690 Heavy Duty Compact Case
Weight: 36 lbs. (16.3kg).
Item # ARF1504K ..........1734.95

Fresnel 150/300W Mini Kit (571994)
Consists of:
2- 530100 150W Fresnel
2- 530110 Barndoor
2- 530120 Filter Frame
2- 530150 3˝ Full Single Scrim
2- 530152 3˝ Full Double Scrim
2- 530143 ESP 150W Lamp
2- 531300 300W Fresnel
2- 531310 Barndoor
2- 531320 Filter Frame
2- 531350 5˝ Full Single Scrim
2- 531352 5˝ Full Double Scrim
2- 531340 FKW 300W Lamp
4- 570051 AS-01 Stand
1- 571690 Heavy Duty Case
Weight: 45 lbs. (20.4kg).
Item # ARF150300K .......1699.95

Fresnel 650/4 Kit (571980)
Consists of:
4 - 531600 650W Fresnel
4 - 531610 Barndoor
4 - 531620 Filter Frame
4 - 531650 65⁄8˝ Full Single Scrim
4 - 531652 65⁄8˝ Full Double Scrim
4 - 531640 FKW 650W Lamp
4 - 570050 AS-2 Stand
1 - 571700 Accessory Pack
1 - 571197 Heavy Duty Case
Weight: 80 lbs. (36.3kg).
Item # ARF6504K ..........2319.95

Fresnel 650/4 Kit 220V (571880)
Same as above for 220V.
Weight:
Item # ARF6504KX ......2477.95

Fresnel 300/650 Combo Kit (571985)
Consists of:
2 - 531300 300W Fresnel
2 - 531310 Barndoor
2 - 531320 Filter Frame
2 - 531350 5˝ Full Single Scrim
2- 531352 5˝ Full Double Scrim
2 - 531340 FKW 300W Lamp
2 - 531600 650W Fresnel
2 - 531610 Barndoor
2 - 531620 Filter Frame
2 - 531650 65⁄8˝ Full Single Scrim
2 - 531652 65⁄8˝ Full Double Scrim
2 - 531640 FKW 650W Lamp
4 - 570050 AS-2 Stand
1 - 571700 Accessory Pack
1 - 571197 Heavy Duty Case
Weight: 77 lbs. (34.9kg).
Item # ARF300650K ......2279.95

Fresnel 300/650 Combo Kit 220V (571885)
Same as above for 220V.
Weight:
Item # ARF300650KX ...2319.95

Fresnel 300/650 Combi Kit (571985)
Consists of:
2 - 531300 300W Fresnel
2 - 531310 Barndoor
2 - 531320 Filter Frame
2 - 531350 5˝ Full Single Scrim
2- 531352 5˝ Full Double Scrim
2 - 531340 FKW 300W Lamp
2 - 531600 650W Fresnel
2 - 531610 Barndoor
2 - 531620 Filter Frame
2 - 531650 65⁄8˝ Full Single Scrim
2 - 531652 65⁄8˝ Full Double Scrim
2 - 531640 FKW 650W Lamp
4 - 570050 AS-2 Stand
1 - 571700 Accessory Pack
1 - 571197 Heavy Duty Case
Weight: 77 lbs. (34.9kg).
Item # ARF300650K ......2279.95

Fresnel 300/650 Combi Kit 220V (571885)
Same as above for 220V.
Weight:
Item # ARF300650KX ...2319.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
Fresnel & SoftBank Lighting Kits

Fresnel 150/300/650 Kit (571983)
Consists of:
- 2 - 530100 150W Fresnel
- 2 - 530110 Barndoor
- 2 - 530120 Filter Frame
- 2 - 530150 3" Full Single Scrim
- 2 - 530152 3" Full Double Scrim
- 2 - 530143 ESP 150W Lamp
1 - 530300 300W Fresnel
- 1 - 531310 Barndoor
- 1 - 531320 Filter Frame
- 1 - 531350 5" Full Single Scrim
- 1 - 531352 5" Full Double Scrim
- 1 - 531340 FKW 300W Lamp
2 - 531600 650W Fresnel
- 2 - 531610 Barndoor
- 2 - 531620 Filter Frame
- 2 - 531640 FRK 650W Lamp
- 2 - 531650 6½" Full Single Scrim
- 2 - 531652 6½" Full Double Scrim
- 1 - 571700 Accessory Pack
- 1 - 570035 Super Clamp
- 4 - 570050 AS-2 Stand
- 1 - 571197 Heavy Duty Case
Weight: 75 lbs. (34.9kg).
Item # ARF5K ...............2499.95

Fresnel 1000/3 Kit (571975)
Consists of:
- 3 - 531100 1000W Fresnel
- 3 - 531110 Barndoor
- 3 - 531120 Filter Frame
- 3 - 531150 7½" Full Single Scrim
- 3 - 531152 7½" Full Double Scrim
- 3 - 531145 EGT 1000W Lamp
- 3 - 570050 AS-2 Stand
- 1 - 571700 Accessory Pack
- 1 - 571197 Heavy Duty Case
Weight: 84 lbs. (38.1kg).
Item # ARF1K3K ............2299.95

Fresnel 1000/3 Kit 220V (571875)
Same as above for 220V.
Item # ARF1K3KX ...........2498.95

Softbank I Kit (571884)
Consists of:
1 - 531300 300W Fresnel
- 531310 Barndoor
- 531320 Filter Frame
- 531350 5" Full Single Scrim
- 531352 5" Full Double Scrim
- 531340 FKW 300W Lamp
1 - 531600 650W Fresnel
- 531610 Barndoor
- 531620 Filter Frame
- 531650 6½" Full Single Scrim
- 531652 6½" Full Double Scrim
- 531640 FRK 650W Lamp
1 - 571110 Arrilite 1000
- 571110 Barndoor
- 571150 7½" Full Single Scrim
- 571152 7½" Full Double Scrim
- 571159 Chimera Video Pro Bank Small
- 571158 Chimera 7½" Speed Ring
- 571145 DXW 1000W Lamp
- 570050 AS-2 Stand
- 571700 Accessory Pack
- 571197 Heavy Duty Case
Weight: 79 lbs. (35.9kg).
Item # ARSB1K ...............2397.95

Softbank I Kit 220V (571884)
Same as above for 220V.
Weight: 78 lbs. (35.4kg).
Item # ARSB1KX ............2498.95

Softbank II Kit (571889)
Consists of:
3 - 531600 650W Fresnel
- 531610 Barndoor
- 531620 Filter Frame
- 531650 6½" Full Single Scrim
- 531652 6½" Full Double Scrim
- 531640 FRK 650W Lamp
1 - 571110 Arrilite 1000
- 571110 Barndoor
- 571150 7½" Full Single Scrim
- 571152 7½" Full Double Scrim
- 571159 Chimera Video Pro Bank Small
- 571158 Chimera 7½" Speed Ring
- 571145 DXW 1000W Lamp
- 570050 AS-2 Stand
- 571700 Accessory Pack
- 571197 Heavy Duty Case
Weight: 79 lbs. (35.9kg).
Item # ARSB2K ...............2397.95

Softbank II Kit 220V (571889)
Same as above for 220V.
Weight: 79 lbs. (35.9kg).
Item # ARSB2KX ............2579.50

Super Combo Kit (571877)
Consists of:
1 - 572100 1000W Mini Flood
- 581640 FH M 1000W Lamp
- 570111 White Umbrella
- 500226 Umbrella Holder
- 531300 300W Fresnel
- 531310 Barndoor
- 531320 Filter Frame
- 531350 5" Full Single Scrim
- 531352 5" Full Double Scrim
- 531340 FKW 300W Lamp
1 - 531600 650W Fresnel
- 531610 Barndoor
- 531620 Filter Frame
- 531650 6½" Full Single Scrim
- 531652 6½" Full Double Scrim
- 531640 FRK 650W Lamp
- 570050 AS-2 Stand
- 571700 Accessory Pack
- 571197 Heavy Duty Case
Weight: 78 lbs. (35.4kg).
Item # ARSC1K ...............2299.95

Super Combo Kit 220V (571887)
Same as above for 220V.
Weight: 77 lbs. (34.9kg).
Item # ARSCXX ...............2289.95

Softbank IV Kit (571991)
Consists of:
2 - 530100 150W Fresnel
- 530110 Barndoor
- 530120 Filter Frame
- 530150 3" Full Single Scrim
- 530152 3" Full Double Scrim
- 530143 ESP 150W Lamp
- 531300 300W Fresnel
- 531310 Barndoor
- 531320 Filter Frame
- 531350 5" Full Single Scrim
- 531352 5" Full Double Scrim
- 531340 FKW 300W Lamp
1 - 531600 650W Fresnel
- 531610 Barndoor
- 531620 Filter Frame
- 531650 6½" Full Single Scrim
- 531652 6½" Full Double Scrim
- 531640 FRK 650W Lamp
4 - 570050 AS-2 Stand
- 571700 Accessory Pack
- 571197 Heavy Duty Case
Weight: 79 lbs. (35.9kg).
Item # ARSB4K ...............2594.95

Super Combo Kit (571877)
Consists of:
1 - 571100 Arrilite 1000
- 571110 Barndoor
- 571150 7½" Full Single Scrim
- 571152 7½" Full Double Scrim
- 571159 Chimera Video Pro Bank Small
- 571158 Chimera 7½" Speed Ring
- 571145 DXW 1000W Lamp
- 570050 AS-2 Stand
- 571700 Accessory Pack
- 571197 Heavy Duty Case
Weight: 77 lbs. (34.9kg).
Item # ARSCXX ...............2289.95

Softbank IV Kit 220V (571887)
Same as above for 220V.
Weight: 78 lbs. (35.4kg).
Item # ARSCXX ...............2289.95

Super Combo Kit 220V (571887)
Same as above for 220V.
Weight: 77 lbs. (34.9kg).
Item # ARSCXX ...............2289.95
**SOFTBANK SERIES D KITS**

Arri Series D Kits package high quality professional Arri Fresnels in a new smaller case for a more affordable lighting kit. All Series D Kits include a 16x22˝ Lightbank that's a perfect match for the Arri 650W Fresnel and a great size for interviews in tight spaces. Like all Arri Kits the Series D Kits are complete with barndoors, stands, lamps, scrims and filter frames. Series D Kits are designed for use with modern digital video cameras. The total wattage has been reduced for these more light sensitive cameras with no loss of control or light quality. Arri Fresnels with their wide to flood spot ratio are easy to control and the Video Pro XS Softbank is great for interviews and the ideal size for tight locations.

### Softbank D1 Kit (571960)
- **Consists of:**
  1. 530100 150W Fresnel
  2. 530110 Barndoors
  3. 530120 Filter Frame
  4. 530150 3˝ Full Single Scrim
  5. 530152 3˝ Full Double Scrim
  6. 530143 ESP 150W Lamp
  7. 531658 Chimera Speed Ring
  8. 531650 65⁄8˝ Full Single Scrim
  9. 531650 65⁄8˝ Full Double Scrim
  10. 531640 FRK 650W Lamp
  11. 570112 Ceiling Scissor Clamp
  12. 570051 AS-01 Stands
  13. 570112 Ceiling Scissor Clamp
  14. 570051 AS-01 Stands

**Dimensions:** 321⁄2x17x101⁄2˝
- **Weight:** 48 lbs. (21.8cm)
- **Item #** ARSBD1K
- **Price:** $1714.95

### Softbank D2 Kit (571961)
- **Consists of:**
  1. 531300 300W Fresnels
  2. 531310 Barndoors
  3. 531320 Filter Frames
  4. 531350 5˝ Full Single Scrim
  5. 531352 5˝ Full Double Scrim
  6. 531340 FKW 300W Lamps
  7. 531658 Chimera Speed Ring
  8. 531650 65⁄8˝ Full Single Scrim
  9. 531650 65⁄8˝ Full Double Scrim
  10. 531640 FRK 650W Lamp
  11. 570112 Ceiling Scissor Clamp
  12. 570051 AS-01 Stands
  13. 570112 Ceiling Scissor Clamp
  14. 570051 AS-01 Stands

**Dimensions:** 321⁄2x17x101⁄2˝
- **Weight:** 48 lbs. (21.8cm)
- **Item #** ARSBD2K
- **Price:** $1769.95

### Softbank D3 Kit (571962)
- **Consists of:**
  1. 531300 300W Fresnels
  2. 531310 Barndoors
  3. 531320 Filter Frames
  4. 531350 5˝ Full Single Scrim
  5. 531352 5˝ Full Double Scrim
  6. 531340 FKW 300W Lamps
  7. 531658 Chimera Speed Ring
  8. 531650 65⁄8˝ Full Single Scrim
  9. 531650 65⁄8˝ Full Double Scrim
  10. 531640 FRK 650W Lamp
  11. 570112 Ceiling Scissor Clamp
  12. 570051 AS-01 Stands
  13. 570112 Ceiling Scissor Clamp
  14. 570051 AS-01 Stands

**Dimensions:** 321⁄2x17x101⁄2˝
- **Weight:** 48 lbs. (21.8cm)
- **Item #** ARSBD3K
- **Price:** $1998.95

### Softbank D4 Kit (571963)
- **Consists of:**
  1. 530100 150W Fresnels
  2. 530110 Barndoors
  3. 530120 Filter Frame
  4. 530150 3˝ Full Single Scrim
  5. 530152 3˝ Full Double Scrim
  6. 530143 ESP 150W Lamps
  7. 531658 Chimera Speed Ring
  8. 531650 65⁄8˝ Full Single Scrim
  9. 531650 65⁄8˝ Full Double Scrim
  10. 531640 FRK 650W Lamp
  11. 570112 Ceiling Scissor Clamp
  12. 570051 AS-01 Stands
  13. 570112 Ceiling Scissor Clamp
  14. 570051 AS-01 Stands

**Dimensions:** 321⁄2x17x101⁄2˝
- **Weight:** 50 lbs. (22.7kg)
- **Item #** ARSBD4K
- **Price:** $2059.95

### Softbank D5 Kit (571964)
- **Consists of:**
  1. 530100 150W Fresnels
  2. 530110 Barndoors
  3. 530120 Filter Frame
  4. 530150 3˝ Full Single Scrim
  5. 530152 3˝ Full Double Scrim
  6. 530143 ESP 150W Lamps
  7. 531658 Chimera Speed Ring
  8. 531650 65⁄8˝ Full Single Scrim
  9. 531650 65⁄8˝ Full Double Scrim
  10. 531640 FRK 650W Lamp
  11. 570112 Ceiling Scissor Clamp
  12. 570051 AS-01 Stands
  13. 570112 Ceiling Scissor Clamp
  14. 570051 AS-01 Stands

**Dimensions:** 321⁄2x17x101⁄2˝
- **Weight:** 50 lbs. (22.7kg)
- **Item #** ARSBD5K
- **Price:** $2229.95

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**CONTINUOUS LIGHTING**

**Softbank Series D Lighting Kits**

**ARRI**

**Equipment Leasing Available**
ARRILITE LIGHTING KITS

ARRILITE LIGHTING KITS

ARRILITE 600/3
Compact Kit (571905)
- 571600 Arrilite 600
- 571110 Barndoor
- 571150 7 1/4˝ Full Single Scrim
- 571152 7 1/4˝ Full Double Scrim
- 571140 DYS 600W Lamp
- 570051 AS-01 Stand
- 571193 Lightweight Compact Case
Weight: 36 lbs. (16.3kg).
Item # ARAL6003K ..........1439.95

ARRILITE 650/3
Compact Kit (571915)
- 571605 Arrilite 650
- 571110 Barndoor
- 571150 7 1/4˝ Full Single Scrim
- 571152 7 1/4˝ Full Double Scrim
- 571140 FAD 650W Lamp
- 570051 AS-01 Stand
- 571193 Lightweight Compact Case
Weight: 46 lbs. (20.9kg).
Item # ARAL6503K ..........1348.95

ARRILITE 1000/3
Compact Kit (571925)
- 571100 Arrilite 1000
- 571110 Barndoor
- 571150 7 1/4˝ Full Single Scrim
- 571152 7 1/4˝ Full Double Scrim
- 571145 DXW 1000W Lamp
- 570051 AS-01 Stand
- 571193 Lightweight Compact Case
Weight: 46 lbs. (20.9kg).
Item # ARAL1K3K ...........1466.50

ARRILITE 1000/4
Heavy Duty Kit (571851)
- 571100 Arrilite 1000
- 571110 Barndoor
- 571150 7 1/4˝ Full Single Scrim
- 571152 7 1/4˝ Full Double Scrim
- 571145 DXW 1000W Lamp
- 570050 AS-2 Stand
- 571197 Heavy Duty Case
Weight: 75 lbs. (34 kg).
Item # ARAL1K4K ..........2057.95

ARRILITE 2000/2
Heavy Duty Kit (571972)
- 571200 Arrilite 2000
- 571210 Barndoor
- 571250 10˝ Full Single Scrim
- 571252 10˝ Full Double Scrim
- 571240 FEY 2000W Lamp
- 570050 AS-2 Stand
- 571295 Heavy Duty Case
Weight: 56 lbs. (25.4kg).
Item # ARAL2K2K ..........1496.95

ARRILITE 1000/2
Heavy Duty Kit 220V (571872)
Same as above for 220V.
Item # ARAL2K2XX ........1595.95

ARRILITE/FRESNEL MINI KIT
(571993)
- 531300 300W Fresnel
- 531310 Barndoor
- 531320 Filter Frame
- 531340 FKW 300W Lamp
- 531350 5˝ Full Single Scrim
- 531352 5˝ Full Double Scrim
- 531620 Filter Frame
- 531610 Barndoor
- 531640 DYS 600W Lamp
- 531652 6 5/8˝ Full Single Scrim
- 531640 FRK 650W Lamp
- 531650 6 5/8˝ Full Double Scrim
- 531640 FKW 300W Lamp
- 531650 6 5/8˝ Full Single Scrim
- 531652 6 5/8˝ Full Double Scrim
- 531640 FRK 650W Lamp
- 571100 Arrilite 2000
- 571110 Barndoor
- 571150 7 1/4˝ Full Single Scrim
- 571152 7 1/4˝ Full Double Scrim
- 571145 DXW 1000W Lamp
- 570050 AS-2 Stand
- 571197 Heavy Duty Case
Weight: 46 lbs. (20.9kg).
Item # ARALFMK ............1894.95

ARRILITE/FRESNEL COMBO KIT
(571996)
- 531600 650W Fresnel
- 531610 Barndoor
- 531620 Filter Frame
- 531650 6 5/8˝ Full Single Scrim
- 531652 6 5/8˝ Full Double Scrim
- 531640 FRK 650W Lamp
- 571100 Arrilite 2000
- 571110 Barndoor
- 571150 7 1/4˝ Full Single Scrim
- 571152 7 1/4˝ Full Double Scrim
- 571145 DXW 1000W Lamp
- 570050 AS-2 Stand
- 571197 Heavy Duty Case
Weight: 77 lbs. (34.9kg).
Item # ARALFCK ...........2189.95

ARRILITE/FRESNEL COMBO KIT 220V
(571996)
Same as above but uses 571808 lamp pack (for Pars).
Item # ARAPAL .............79.95

LIGHTING TIP

The basis of nearly all the lighting techniques you will be using is the triangular lighting setup. Three-point-lighting, as it is commonly called, consists of three separate light sources. The main source is the key light (spot), the key casts direct light onto the subject. The fill-light (flood) is used for filling in shadows and determining the contrast of the scene. The backlight is used to separate the subject from the background.
6˝ THEATRE FRESNEL

The superior photometric performance of these Fresnels provides maximum efficiency for the user. Used as high intensity spots with a smooth even flood field, all operator controls are thermally insulated for cool handling and operation.

**SPECIFICATIONS**

- **Weight:** 19.5 lbs (8.8kg)
- **Dimensions:** 19 x 26.3 x 17˝ (WHD)

**LAMP SPECIFICATIONS**

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<th>Life Hours</th>
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**ACCESSORIES**

- **Barndoor** (CTP118013)  
  Item # NSBDTF6 .................76.50
- **Color Frame (Repl.)** (CTP120005)  
  Item # NSCFTF6 .................9.95

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8˝ THEATRE FRESNEL

**SPECIFICATIONS**

- **Weight:** 19.5 lbs (8.8kg)
- **Dimensions:** 19 x 26.3 x 17˝ (WHD)

**LAMP SPECIFICATIONS**

<table>
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<th>Bulb</th>
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The Mini Ellipse has unsurpassed photometric performance and three field angles of 50, 40 and 30, all in one unit. This provides maximum versatility with just one light. The joystick allows fast and precise filament alignment without the need for tools.

**Mini Ellipse Softlight**

Mini Ellipse Softlight (CTP213155)

Item # NSME......................229.95

**Features**

- Three field angles in one unit (30°, 40°, 50°)
- Unsurpassed photometrics performance
- Built-in pattern slot
- Operator adjustable lens configuration
- Adjustable stainless steel framing shutters, each operating in its own independent plane
- Type S-4 UL recognized lamp socket.

**Lamp Specifications**

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**5/50 Ellipsoidal**

50° Ellipsoidal (CTP500015)

Item # NSE55050..............179.95

40° Ellipsoidal (CTP500025)

Item # NSE55040..............179.95

30° Ellipsoidal (CTP500035)

Item # NSE55030..............179.95

20° Ellipsoidal (CTP500045)

Item # NSE55020..............179.95

15° Ellipsoidal (CTP500055)

Item # NSE55015..............179.95

**Specifications**

- **Weight:** 20.5 lbs. (9.2kg)
- **Dimensions:** 15 x 25.5 x 28” (WHD) (38.1x64.8x71.1cm)

**Features**

- 30° fixture can be user configured to both a 20° and 40° by relocating lenses
- Peak/flat fields easily achieved
- Die cast and sheet steel aluminum construction
- High temperature black finish
- Socket is Type TP-22 UL recognized
- Up to 1000 watt lamps
- C-clamp, safety cable and color frame included.

**Lamp Specifications**

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<th>Watts</th>
<th>Life Hours</th>
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New for Digital Video & Wide Screen (HDTV), for recording in the studio or on the go. Video cameras and digital video have many advantages over film cameras, however the final results do not have the “Film Look” yet. To near that look, one must use light wisely to make digital imaging rich and deep, with detail to please the eye. There is only way to do that... with more light. The lighting qualities for digital video must be bright, but soft and even with just the right light/shadow contrast to express depth, distance and detail especially for HDTV.

**COMBO-LIGHT**

For the Pro on the go, the Combo-Light is a fixture born in Hollywood studios, re-invented with new features for video/studio/location needs. The Combo-Light’s superluminal but gentle, even, diffused lighting qualities make it perfect for film, video, product or portrait photography. The illuminating qualities of a Soft Light fixture are based on the principle of a “bounced” light where the lamp (bulb) never faces the subject directly, unlike a softbox. By not dealing with the direct light from the bulb, the light source becomes as big as the entire area it exits from. The light qualities are brighter, yet nearly shadowless, gentler and cool. Considerably more compact and brighter than a softbox, the Combo-Light can be mounted in smaller areas as a portable or permanent fixture.

**SPECIFICATIONS**

**COMBO-LIGHT**

- **Voltage:** 100, 200, 220/240.
- **Wattage:** 300, 500, 750 and 1000.
- **Lamp Protection:** Glass shield included
- **Weight:** 4 lbs. (1.8kg)
- **Dimensions:** 14 x 9 x 6” (35.6x22.9x15.2cm)

**BROAD-LIGHT**

- **Weight:** 2 lbs. (0.9kg)
- **Dimensions:** 4.25 x 9 x 7.9” (10.9x22.9x20cm)

**FEATURES**

- Provides gentle, even diffused lighting.
- More compact than a softbox, mounts in small areas.
- Two lights in one.
- Broad Light and Broad Light with Diffusion.
- Shadowless, bright, cool light qualities.

**WITH DIFFUSION**

Tools are not needed to separate the lamp housing form the Soft Light housing. With a strong pull, they can snap apart or together. When apart, the lamp housing becomes a compact and powerful Broad Light. It can be mounted on a light stand using its own independent yoke. The Broad Light can brightly illuminate very large areas, both indoors and out.

**SOFT HOOD**

Features a high tempered true silver paint unlike all other soft hoods with a white finish. The Combo-Light hood will not yellow and is brighter and softer.

**LAMP SPECIFICATIONS**

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**COMBO-LIGHT**

Combo-Light (LK4401)
Item # COLK4401............299.95

Complete Combo-Light Kit (LK4400)
Includes Combo-Light with 4-way barndoors, color frame holder and color frame.
Item # COLK4400............394.95
Lighting in Depth

The Mini-Cool was created with state-of-the-art technology and design principles, with features not found in any other compact production light in the world. It's equipped with an incredibly efficient air draft design that dramatically increases socket and lamp life. You can select from nearly 20 different lamps in six different voltages to make the Mini-Cool “light your way”. It's supported with mounting, optical and light-control devices to satisfy the most demanding camera-man. The Mini-Cool has been nominated for Technical OSCARS and selected by NASA to be used aboard the Space Shuttle ever since Challenger STS-8. Each Mini-Cool fixture is hand-made and factory tested in the United States and guaranteed for life.

**KEY LIGHT SPECIFICATIONS**

- **Voltage:** AC/DC 12, 24, 30, 100 120V.
- **Wattage:** 22, 25, 50, 75, 100, 150, 250, 300 with Flood/Spot light.
- **Lamp:** MR-16 designed by Cool-Lux
- **Weight:** 12 oz. (340g)
- **Dimensions:** 5 x 2.25 x 2.25˝ (12.7x5.8x5.8cm)
- **Sockets:** Auto ejectable

**MINI-COOL**

- Model: LK2000
- Item #: COLK2000
- Price: $169.95

**LAMP SPECIFICATIONS**

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<tr>
<th>Bulb</th>
<th>Voltage</th>
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<td>3350°K</td>
<td>COFOS13</td>
<td>29.95</td>
</tr>
</tbody>
</table>

**BOUNCE LIGHT**

For soft, beautiful, even lighting, an umbrella is your best friend. Rich and cool illumination helps you go in and out of situations with a professional look. Add daylight filters to the Mini-Cool and now you can shoot stills along with video. For extra power, with one of our special adapters (MD4000), you can mount two Mini-Cools on one umbrella.

**MINI-COOL**

- Model: LK2000
- Item #: COLK2000
- Price: $169.95

**CAMERA LIGHT D/C**

Simply, the world's best on-camera light. Height adjustable to prevent red eye, AC or DC, high or low wattage, daylight filters, diffusion lenses... you name it, we invented it and now it has become the global standard for all camera lights.

**GAFFER'S LIGHT**

Mount it anywhere you want to... hang it, clamp it, hide it where no one can see it. All the tools to make a picture memorable.

**ORDER & INFORMATION** (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
### Hollywood Soft Kits

<table>
<thead>
<tr>
<th>Kit Name</th>
<th>Kit Code</th>
<th>Includes</th>
<th>Item Code</th>
<th>Price</th>
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<tbody>
<tr>
<td>Hollywood Soft Kit I</td>
<td>LK2331</td>
<td>1- Combo-Light with 1-Barndoors, 1-Gel Holder, 1-Gel Frame, 1-Gel and 1-500w Lamp, 1-Hard Duty Case with 2-Locking Latches, 1-Handle and 1-Foam Liner</td>
<td>COLK2331</td>
<td>449.95</td>
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<tr>
<td>Hollywood Soft Kit II</td>
<td>LK2332</td>
<td>2- Combo Lights with 2-Barndoors, 2-Gel Holders, 2-Gel Frames, 2-Gels and 2-500w Lamps, 3-Mini-Cool Key Lights with 3-250w, 120V Flood Lamps, 1-Camera Adapter, 3-Stand Adapters, 2-Rotating Barndoors, 4-Diffusion Gels and 4-Daylight Gels to mount on Barndoors, 1-Micro-Lux On-Camera Light with 1-35w, 120V Lamp and 1-Camera Adapter, 2-AC Dimmers with 500w Maximum Capacity, 3-Light stands, 2-Hard Duty for Combo Lights and 1-Standard for Mini-Cool, 2-Klipper Mounts 1-2 Jaw and 1-3 Jaw, 1-Scissor Clamp Mount to attach to “T” Bars on dropped ceiling, 1-Heavy Duty Case with 2-Wheels, 2-Handles, 4-Locking Latches, 1-36-inch Piano Hinge, Compartmentalized and Padded with High-Density, High Impact Foam</td>
<td>COLK2332</td>
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<tr>
<td>Hollywood Soft Kit III</td>
<td>LK2333</td>
<td>3- Combo Lights with 3-Barndoors, 3-Gel Holders, 3-Gel Frames, 3-Gels and 3-500w Lamps, 2-Mini-Cool Key Lights with 2-250w, 120V Flood Lamps, 1-Camera Adapter and 2-Stand Adapters, 1-Micro-Lux Light with 1-35w 12V Lamp and 1-Camera Adapter, 3-AC Dimmers with 500w Maximum Capacity, 4-Light stands, 3-Hard Duty for Combo Lights and 1-Standard for Mini-Cool, 2-Klipper Mounts 1-2 Jaw and 1-3 Jaw, 1-Scissor Clamp Mount to attach to “T” Bars on dropped ceiling, 1-Heavy Duty Case with 2-Wheels, 2-Handles, 4-Locking Latches, 1-36-inch Piano Hinge, Compartmentalized and Padded with High-Density, High Impact Foam</td>
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### Cool-Kits

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<tr>
<td>Location Lighting Kit</td>
<td>LK2201</td>
<td>2- Mini-Cool Key Lights, 1-Micro-Lux On-Camera Light Plus 24 more lighting-control and grip devices</td>
<td>COLK2201</td>
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<tr>
<td>Studio Kit</td>
<td>LK2202</td>
<td>4- Mini-Cool Key Lights, 1-Micro-Lux On-Camera Light A wide assortment of items with umbrellas and light stands</td>
<td>COLK2202</td>
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<tr>
<td>Video Kit</td>
<td>LK2204</td>
<td>Consists of 24 pieces to include: 2- Mini-Cool Key Lights, 1-Micro-Lux On-Camera Light A wide assortment of useful adapters, accessories and lamps</td>
<td>COLK2204</td>
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## Lighting in Depth

### MOUNTING DEVICES, ACCESSORIES AND LIGHT CONTROL DEVICES

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<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>COMD5050</td>
<td>Stand Adapter</td>
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<tr>
<td>COMD5100</td>
<td>&quot;T&quot; Bar Clamp Mount</td>
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<tr>
<td>COMD5150</td>
<td>Collapsible Light Stand</td>
<td>89.95</td>
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<tr>
<td>COMD5500</td>
<td>Spring Clamp Mount Original</td>
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<td>COMD2051</td>
<td>Double Pin Bracket</td>
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<td>Plastic Klipper Mount</td>
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<td>MD2051</td>
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<td>MD4000</td>
<td>2-Light Umbrella Mount Adapter</td>
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<tr>
<td>MD4001</td>
<td>Light and Sound Bracket</td>
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<td>MD5050</td>
<td>Folding Egg Crate</td>
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<td>MD5100</td>
<td>Diffusion Lens</td>
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<td>MD5150</td>
<td>Frosted Diffusion Lens</td>
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<td>MD5300</td>
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### ACCESSORIES

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<td>MD5500</td>
<td>Rotating Barn Door</td>
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### LIGHTING CONTROL DEVICES

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<td>LC7150</td>
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**PHOTO - VIDEO - PRO AUDIO**

**www.bhphotovideo.com**
The DLH-436 is a low voltage fixture for 400W/36V halogen lamps. Total light output exceeds anything remotely close to the 436 in lamp size and operating characteristics. It can be operated worldwide from 100V AC to 225V AC in 5V step increments. You can dial in a choice of three color temperatures (3200, 3400 or 3600K). Rear focus knob provides smooth, precise, variable movement throughout the focus range.

**DLH-650**

Dedolight DLH-650 (DLH650)
Item # DEDLH650.............799.95

**SPECIFICATIONS**

Max. Wattage:
650W 117 or 230V.

Cable Length:
16.4’ (5m).

Mounting:
5/8” (16mm) stud. Adapters available for other mounting.

Tilt Control:
Tilt pivot at center-of-gravity provides excellent balance and positive locking.

Focus Control:
Rear focus knob provides smooth, precise, variable movement throughout the focus range.

Weight:
7.5 lbs. (3.4kg).

---

**DLH-436 LAMP SPECIFICATIONS**

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<td>3400</td>
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**DLH-650 LAMP SPECIFICATIONS**

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<tr>
<td>Osram</td>
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For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
**SERIES 400 PROJECTION ATTACHMENTS AND ACCESSORIES**

### Projection Attachment (DP400KU)
- Projection attachment for Dedolight 400 series fixtures.
- Complete with universal receptacle and 185mm lens with scaled barrel. The universal receptacle allows the use of DP400GH steel gobo holder, DP400GGH glass gobo holder, DP400LFS loose shutter blades (4) or DP400R irises.
- Item # DEDP400KU ........897.50

### Projection Attachment (DP400KFS)
- Same as DP400KU except with captive framing shutter assembly. Other accessories require the DP400U universal receptacle.
- Item # DEDP400KFS.....883.95

### Universal Receptacle (DP400U)
- Allows the use of DP400GH steel gobo holder, DP400GGH glass gobo holder, DP400LFS loose shutter blades (4) or DP400R irises. For use with DP400KFS.
- Item # DEDP400U ........107.50

### Captive Framing Shutter Assembly (DP400FS)
- For use with DP400KU.
- Item # DEDP400FS .......177.50

### Framing Shutter Blades (DP400LFS)
- Loose (4), for use with DP400KU. Framing shutter blades may be used together with the DP400GH gobo holder to limit the gobo projection to a desired size.
- Item # DEDP400LFS........54.95

### Iris (DP400IR)
- For use with DP400KU
- Item # DEDP400IR.........269.50

### Gobo Holder (DP400GH)
- For steel gobos. Size A, 100mm, max. image size 75mm. For use with DP400KU.
- Item # DEDP400GH .......109.50

### Projection Attachment Kit (KDP400KU)
- Complete with DP400KU projection attachment with universal receptacle, 185mm lens with scaled barrel, gobo holder and heavy duty transport case.
- Item # DEKDP400KU ...1186.95

### Projection Attachment Kit (KDP400KFS)
- Complete with DP400KFS projection attachment with captive framing shutter assembly, 185mm lens with scaled barrel, gobo holder and heavy duty transport case.
- Item # DEKDP400KFS ..1147.50

*Projection attachment kits may be individually assembled to fit your particular application.*

### Heavy Duty Transport Case (DCDP400)
- Holds 1-DP400KU or DP400KFS projection attachment and accessories.
- Item # DEDCP400KU ......224.95

### Standard Barndoor - 400 Series (DBD400)
- Item # DEDBD400.........91.95

### Gel Filter Holder - 400 Series (DFH400)
- Item # DEDFH400 ........35.95

**SERIES 400 KITS**

### 400W/36V Halogen Lighting Kit (K436)
- Consists of:
  - 1- DLH436 head
  - 1- DT36-1 power supply/control unit
  - 1- DBD 400 barndoor
  - 1- DHF 400 filter holder
  - 1- DSCF5400 full single scrim
  - 1- DSCFD 400 full double scrim
  - 1- DSCS1/2-400 half single scrim
  - 1- DSCD 1/2-400 half double scrim
  - 1- DSCP400 half single scrim
  - 1- DSCP400 scrim pouch
  - 2- DL400-36 halogen lamps
  - 1- DCHD400 heavy duty transport case.
- Item # DEK436 ...........2653.50

### 650W Halogen Lighting Kit (K3X650B)
- Consists of:
  - 3- DLH650 heads
  - 3- DBD 400 barndoors
  - 3- DHF 400 filter holders
  - 3- DSCF5400 full single scrims
  - 3- DSCFD 400 full double scrims
  - 3- DSCS1/2-400 half single scrims
  - 3- DSCD 1/2-400 half double scrims
  - 3- DSCP400 scrim pouches
  - 5- DL650 650W/117V halogen lamps
  - 1- DCHD 3X6 heavy duty transport case.
- Item # DEK3X650B .......3562.95

### 650W Halogen Lighting Kit (K3X650S)
- Same as above but with 3- DST400 stands and 1- DSTP400 soft case.
- Item # DEK3X650S ..........4314.50
Dedolights are very small, extremely light-efficient units that utilize a unique double lens system. When equipped with a 100 watt lamp, the light output is comparable to a much larger tungsten fresnel light of up to 300 watts. A high quality mirror reflects light through meniscus and condenser lenses, providing a much higher light output than would be expected. Due to an advanced optical design, these heads create a flat, even bright light, with a narrow beam spread. A focusing range of 1:25 allows the lamp to be moved from “flood” to “spot”, or anywhere in between. This versatile system allows the heads to be run from a power supply, which enables the light output of each head to be reduced or increased. A self-contained unit can be plugged into a wall outlet and positioned almost anywhere. Rounding out the system is a full line of accessories that offer endless possibilities for any shooting situation.

**UNIVERSAL LAMPHEADS**

With the use of two aspheric lenses, which are perfectly matched for each of the many focusing positions, it has become possible to improve light output, enhance the smoothness of the lit field and increase barndoor control all the way from flood to spot. An added zoom motion of the second lens further increases the focusing range. The result of this new technology is to take the unique quality of the Dedolight one step further. In the area of light output alone, when used with the new 150W in-line dimmer, the output on flood is over twice as bright than its predecessor and in spot it is over three times brighter. Lamp and cable not included.

**FEATURES**

- Two relation computed aspheric lenses
- Higher light output
- Larger reflector
- Added relative movement of second lens (zoom focus)
- Smoother field of light
- Cleaner spot
- Improved full flood
- Better barndoor control
- Improved character of light

**SPECIFICATIONS**

Max. Wattage: 150W  
Beam Control: Continuously Variable (Zoom Focus)
Mounting: To any 5/8” (16mm) stand or stud.  
Weight: 1.6 lbs. (0.7kg).

Universal Lamphead (DLH4)  
Item #DEDLH4.............. 369.95

Universal Lamphead (DLHAP)  
Same as above with DPOW3 power cable 26.2’ (7.9m)  
Item #DEDLH4P............. 399.95

**SELF CONTAINED LAMPHEADS**

Self Contained Lamphead (DLHM4300U)  
New dedolight with integrated transformer combining:  
- New dedolight aspheric optics, aspherics 2  
- Drastically improved light output  
- 150W/24V integrated electronic power supply  
- Dimmable  
- Available in four different input voltages (4 versions) 240V, 230V, 120V and 100V.  
Item #DEDLHM4300U .... 579.95

Self Contained Lamphead (DLHM4300E)  
Same as above except 230V version.  
Item #DEDLHM4300E .... 586.50

**DIMMABLE LAMPHEADS**

DLH4 Lamphead (DLHDIM3)  
Complete with DTM TA3 in-line electronic dimmable power supply, 100W/220VAC. Lamp not included.  
Item #DEDLHDIM3........ 574.50

DLH4 Lamphead (DLHDIM4U)  
Complete with DT24-1U in-line electronic dimmable power supply, 150W/120VAC. Lamp not included.  
Item #DEDLHDIM4U .... 599.95

**ON-BOARD LAMPHEADS**

The Dedolight on-board version may be mounted directly on a film or video camera either by screw or shoe-mount (both included). A bracket allows central positioning on the camera and also incorporates the on/off switch. The on-board light is fitted with a daylight conversion filter that can be flipped into the light path or out of the way - flat against the top of the light housing. The integral daylight conversion filter does not allow the use of other front end accessories. The front lens differs from the regular DLH2 light head, allowing for the wider-angle coverage of modern video zoom lenses. The wide focusing range enables the camera operator to adapt to a wide variety of situations. Its even and smooth light distribution in flood position, plus enormous reach and light efficiency in spot position are unmatched by any other on-board light, day or night. You can fine tune the intensity of the fill or eye light in most available light situations. The extraordinary reach is particularly significant in news assignments where the camera operator may have to remain at some distance from the subject.

On-Board Lamphead (DLOB4)  
Item #DEDLLOB4........... 462.95

On-Board Lamphead (DLOBAB)  
Same as above, but supplied with a cable and connector to fit Anton-Bauer gold mount plates.  
Item #DEDLLOBAB ........ 529.95
After several years of development work, Dedolight is proud to introduce this new in-line dimmable electronic power supply. The DT24-1 power supply provides 24V at 150W which is approximately 80% more light in comparison to the current 12V/100W power supply. For self-contained light heads, Dedolight had previously offered the DLHLM with built-in electronic power supply in a 12V/100W version. For a detachable in-line power supply, they offered DIMTA which is also a 12V/100W supply but only available for 230 or 240V applications. The DT24-1 power supply may be used with the DLHLM and DLH4 Aspheric 2 light heads. A significant increase in light output and dimming capabilities is immediately realized. In combination with the new DLH4 Aspheric 2 light heads, the benefits multiply. Available in four different input versions for worldwide use.

**Electronic Power Supply (DT241U)**

Item #DEDT241U ........... 236.95

**Electronic Power Supply (DT241E)**

Same as above except 230V.

Item #DEDT241E ........... 236.95

**DT12-4 Power Supply (DT124)**

Powers the Universal Lamp Head. Operates on all electrical voltages from 110 to 255V and controls up to 4 heads, which can be equipped with 20, 50 and 100W 12V lamps. Each of the 4 connector sockets has its own individual four-position control knob which changes the color temperature of the light (from 3400° to 3200° or 3000° Kelvin) and can turn off all power to the head it controls. A master power switch controls the flow of A/C current to the unit. The handle acts as a stand when in use.

Item #DEDT124 ............ 899.95

**DT-5 Power Supply (DT5)**

Same as the DT124 power supply, but can be used to power a fifth 12V lamp of 50 watts or less, to power most video and film cameras.

Item #DEDT5 ............ 1074.95

**DT24-3 Power Supply (DT243)**

The same features as the DT124, except that this power supply is equipped with 24V lamps. Item #DEDT243 ............ 994.95

**Dimmable In-Line Power Supply (DIMTA)**

Allows a Universal Lamp Head to plug directly to a 220-240V A/C outlet. It powers 12V lamps of up to 100 watts. It offers versatility but restricts function somewhat. The maximum light output will only be about 60% (the middle position on the control knob) of what it would be when used with a DT124 or DT125, and the color temperature of the light remains a constant 3200° Kelvin. This power supply permits continuous dimming from maximum to off.

Item #DEDIMTA ............ 194.50
BATTERY BELTS

The cells used in the Dedolight battery belts are among the most reliable, high quality NiCad cells available. The adjustable belts are made from an extremely durable, flexible textile material and are fitted with a quick-snap/quick-release lock. The built-in charger fully charges the belt from empty within 12 to 14 hours at either 117V or 230V. Charge cable is included with each belt. An optional electronic discharge guard is available. Belts are available in two different capacities. To connect the belt to the Dedolight head, use the DXBAT cable.

12V/5AH Battery Belt with 4-Pin XLR Connector (DLBAT54)
Operates a 12V Dedolight
• w/100W lamp, up to 35 min.
• w/50W lamp, up to 70 min.
• w/20W lamp, up to 180 min.
Weight: 4.4 lbs. (2kg)
Item # DEDBAT54 .......... 859.95

12V/8AH Battery Belt with 4-Pin XLR Connector (DLBAT84)
Operates a 12V Dedolight
• w/100W lamp, up to 55 min.
• w/50W lamp, up to 115 min.
• w/20W lamp, up to 280 min.
Weight: 6.6 lbs. (3kg)
Item # DEDBAT84 .......... 1086.50

CABLES AND ADAPTERS

A complete range of cables is available to meet any power interface need that might arise: 100V to 255VAC (via power supply/control unit), 12V or 24VDC, camera batteries, automotive batteries, cigarette lighters, in-line dimmable electronic power supplies.

Cigarette Lighter Adapter (DCAR2)
Allows the Universal Lamp Head (DLH2) with a 12v lamp to be powered from any vehicle’s cigarette lighter. Comes with an in-line on/off switch, a micro fuse, and a mating connector.
Item # DECLA .............. 59.95

Lamp Head Cable (DPOW3)
A 26.2’ (8m) cable that connects the DLH3 and DLH4 heads to DT12-4, DT12-5 and DT24-3.
Item # DEPOW3 .......... 39.50

BATTERY CABLE (DXBAT4)
This 4.6’ (1.4m) cable connects the Universal Lamp Head to any 12v battery that has a 4-pin XLR connection. Comes with an in-line on/off switch.
Item # DECXLR ............. 59.95

BARDOORS

Standard Barndoor (DBD)
This 360° rotatable four-leaf barndoor attaches to the accessory holder on all Dedolight heads.
Item # DEBD ................. 54.95

Super Barndoor (DBD2)
A barndoor designed for precision work. Leaves are 3” (80mm) - 1” (25.4mm) longer than standard to provide better shadow definition. Each of the four main leaves moves on two axes. Both smaller leaves are fitted with four helper leaves to ensure that no unwanted light escapes, even when using oddangled trapezoidal shapes on the barndoor.
Item # DEBDS ............... 106.95

SCRIMS

These stainless steel wire mesh scrims, mounted in round frames, are used to reduce light intensity. They fit into the accessory holders of Dedolight heads.

Full Single Scrim (DSCF)
Reduced light by one stop (50%).
Item # DESFQ .................. 9.95

Half Single Scrim (DSC12)
Reduces half of the light beam, by one stop (50%). Can be rotated 360° inside the accessory holder.
Item # DESH ................. 8.50

Graduated Scrim (DSCG)
Reduces two-thirds of the light beam. This scrim gently blends the change in intensities by using two different densities of wire mesh. Can be rotated 360° inside the accessory holder.
Item # DESG ................. 12.50

Scrim Pouch (DSCP)
This cloth pouch accepts several scrims. An attached strap allows the pouch to be hung on lightstands.
Item # DESP .................. 19.50
GEL FILTER KITS

All filters are 3 x 3” (7.6 x 7.6cm) gels and are available in sets only.

Gel Filter Holder (DFH)
Accepts 3 x 3” (76 x 76mm) gel filters. Attaches to the accessory holders on all Dedolight heads, except the On-Board lamphead.

Item # DEFH33 .................. 17.95

Blue Filter Set (DG) 12 gels. Full Blue. Converts tungsten light to daylight.
Item # DEFSBL33 ................. 11.95

Mixed Blue Filter Set (DGMB) 24 gels. 8 Full Blue, 4 Half Blue, 4 Quarter Blue, 4 Eighth Blue and 4 Tough Booster Frost.
Item # DEFSM33 ................ 16.95

Color Effect Filter Set (DGCL) 36 gels. 4 Medium Yellow, 4 Daylight Blue, 4 Salmon Pink, 4 Sea Blue, 4 Deep Pink, 4 Chroma Green, 4 Rose Purple, 4 Kelly Green and 4 Lilac.
Item # DEFSCE33 ................. 26.95

Mixed Diffusion Filter Set (DGMN) 20 filters. 4 Tough Frost, 4 Powder Frost, 4 Light Tough Frost, 4 Tough Silk and 4 tough White Diffusion.
Item # DEFSMD33 .................. 15.95

Neutral Density Filter Set (DGNO) 12 gels. 4 ND .3 (one f-stop), 4 ND .6 (two f-stops) and 4-ND .9 (three f-stops).
Item # DEFSN33 ................. 9.95

Warm Tone Effect Filter Set (DGW) 24 gels. 4 Dark Bastard Amber, 4 Deep Straw, 4 No Color Straw, 4 Medium Amber, 4 Pale Amber Gold and 4 Golden Amber.
Item # DEFSWE33 ................. 19.95

GLASS FILTERS

Daylight Conversion Filter (DCF) Converts the color temperature of the lamp from tungsten to daylight. Does not fit the On-Board lamphead (DLOB-4).
Item # DEFSDL ................. 84.95

Color Effects Filters
These high-heat resistant glass filters come in a round metal frame with a plastic safety handle. They can be inserted directly into the filter slot on the Dedolight head. They have a dichroic color coating for high transmission and brilliant color rendition.

Red (DFCOLR)
Item # DEFR ................. 93.95

Red/Magenta (DFCOLRM)
Item # DEFRM ................. 93.95

Full Orange (DFCOL3O)
Item # DEFO ................. 93.95

Yellow/Orange (DFCOL3Y)
Item # DEFOY ................. 93.95

Turquoise (DFCOL3T)
Item # DEFT ................. 93.95

Purple (DFCOL3P)
Item # DEFP ................. 93.95

Heat Filter (DFH)
Reduces heat reaching the subject. Insignificant reduction of light output and no change in color rendition.
Item # DEFH ................. 139.50

GEL FILTER KITS

Projection Attachment (DP1)
Used as a focusing snoot, the Projection Attachment creates an area of light with either a soft or hard edge. The Projection Attachment offers great versatility with a spring-loaded accessory slot that accepts a wide variety of optional accessories. With framing shutters, different shapes of light can be made to fit one particular area of the subject. An adjustable 18-leaf iris diaphragm allows the light to be focused in a tighter circle than is possible with the Projection Attachment alone. A slide holder which will hold conventionally mounted 35mm slides is available. This allows the slide to be projected onto a set or background. (A Heat Filter should be used to prolong the life of the slide.) An available gobo holder holds metal patterns or gobos that allow light to pass through, forming a pattern on a set or background. An 85mm f/2.8 lens is supplied. 60, 150 and 185mm lenses are also available. Comes with a storage pouch.

Item # DEPA8528 .......... 329.95

Projection Attachment without Lens (DP10)
The same as the DP1, but without a lens.
Item # DEPA ............. 272.95

Projection Attachment (DP2)
The DP2 projection attachment differs from the universal projection attachment (DP1) by working solely with its built-in framing shutters (four blades). It does not accept other accessories such as iris, gobo holder or slide holder. The unique design of the DP2 allows for the easy formation of a variety of light shapes, including triangles, squares, rectangles and trapezoids. Using only the four built-in framing shutters - adequate for many common lighting tasks - the DP2 projection attachment offers the following advantages: The four shutter blades are built-in and cannot be lost. A thin separator disc keeps the four blades from touching each other, eliminating the risk of accidentally moving one blade while manipulating another. All optical qualities and projection characteristics are identical to those of the universal projection attachment (DP1), including the use of interchangeable lenses for controlling image size and working at different distances.

Item # DEPA8528 ........... 369.95

Projection Attachment without Lens (DP20)
The same as the DP2, but without the 85mm lens.
Item # DEPAG ............. 292.50

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**DEDOLIGHT ACCESSORIES**

**PROJECTION ATTACHMENTS LENSES**

For use with any Projection Attachment. Made in Germany, these interchangeable lenses have glass elements.

<table>
<thead>
<tr>
<th>Lens Type</th>
<th>Model</th>
<th>Accessories</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>85mm f/2.8</td>
<td>DPL85M</td>
<td>Standard Lens</td>
<td>$89.95</td>
</tr>
<tr>
<td>Telephoto Lens</td>
<td>DPL150M</td>
<td>150 f/3.5</td>
<td>$219.95</td>
</tr>
<tr>
<td>Telephoto Lens</td>
<td>DPL185M</td>
<td>185 f/3.5</td>
<td>$269.50</td>
</tr>
<tr>
<td>70-120 1/3.5 Zoom Lens</td>
<td>DPLZ120M</td>
<td>Variable focal length allows precision adjustment of the size</td>
<td>$266.95</td>
</tr>
<tr>
<td>Extension Tube</td>
<td>DPX</td>
<td>Used in close-up macro applications, the extension tube mounts between the lens and Projection Attachment. Used for very small effects</td>
<td>$46.50</td>
</tr>
<tr>
<td>18-Leaf Iris</td>
<td>DPIR</td>
<td>Fits both DP1 and DP10 Projection Attachments. Used to change the aperture of the Projection Attachment to a smaller size for close-up work and lighting of very small areas.</td>
<td>$116.95</td>
</tr>
<tr>
<td>Iris</td>
<td>DPIR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slide Holder</td>
<td>DPSH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gobo Holder</td>
<td>DPHG</td>
<td>Holds gobos or patterns inside the DP1 Projection Attachment</td>
<td>$19.95</td>
</tr>
<tr>
<td>Eye Attachment Set</td>
<td>DEYESET</td>
<td>Fits on any of the lenses of the Projection Attachments. This set consists of three acrylic filters and a holder. These lenses produce a glowing-type diffused light with soft edges. Each filter produces a slightly different effect and can be combined to increase their effects</td>
<td>$97.50</td>
</tr>
<tr>
<td>Framing Shutters</td>
<td>DPFS</td>
<td>Set of 4 shutters. Inserts into the DP1 Projection Attachment to create different shapes of light</td>
<td>$27.50</td>
</tr>
<tr>
<td>18-Leaf Click Stop Iris</td>
<td>DEIPA</td>
<td>The same as the 18-Leaf Iris (DPIR), but with 32 click-stop positions, which allow you to find the exact position that was used previously</td>
<td>$181.95</td>
</tr>
<tr>
<td>Rembrandt Lighting</td>
<td></td>
<td>A combination of short and butterfly lighting. The light is positioned to one side of the face turned away from the camera.</td>
<td></td>
</tr>
<tr>
<td>Butterfly Lighting</td>
<td></td>
<td>Main light positioned directly in front of the face which casts a shadow directly beneath the nose and chin. Also known as &quot;glamour lighting&quot; due to its wide spread use in the early days of cinema</td>
<td></td>
</tr>
<tr>
<td>Lighting Tip</td>
<td></td>
<td>The 4 basic types of portrait lighting.</td>
<td></td>
</tr>
</tbody>
</table>

**PROJECTION ATTACHMENT ACCESSORIES**

- **Framing Shutters (DPFS)**: Set of 4 shutters. Inserts into the DP1 Projection Attachment to create different shapes of light.
- **Eye Attachment Set (DEYESET)**: Fits on any of the lenses of the Projection Attachments. This set consists of three acrylic filters and a holder. These lenses produce a glowing-type diffused light with soft edges. Each filter produces a slightly different effect and can be combined to increase their effects.
- **Gobo Holder (DPGH)**: Holds gobos or patterns inside the DP1 Projection Attachment.
- **Iris (DPIR)**: Fits the DP1 and DP10 Projection Attachments. Holds a conventionally mounted 35mm slide (cardboard mounts are best), allowing the slide to be projected onto a set or background. The Heat Filter (DFH) should be used to prolong the life of the slide. (Make copies before using them, as they will fade over time with use, due to heat exposure.) The Slide Holder cannot be used with Dedolight 150 watt heads, because the heat and light generated will ruin the slide in a short period of time.
- **Iris (DPIR)**: | Item # DEIPA | $19.95
- **Iris (DPIR)**: | Item # DEIPA | $181.95
- **Iris (DPIR)**: | Item # DEIPA | $181.95
- **Iris (DPIR)**: | Item # DEIPA | $181.95
- **Iris (DPIR)**: | Item # DEIPA | $181.95
## STANDS AND MOUNTING ACCESSORIES

### Vacuum Mount (DV6B)
- Supports lights weighing up to 40 lbs. (18.1kg).
- The vacuum mount has a 6” (15.2cm) base and a heavy-duty ball swivel joint with a 5/8” stud. The base has a small pump on the side which eliminates the air underneath, allowing it to be attached to most smooth surfaces.

### Dedolight Clamp (CLAMP1)
- Attaches securely to stands, pipes, shelves, etc. up to 1” (2.5cm) diameter. A 5/8” stud that pivots and locks in two positions.

### Universal Mount (DLUMT)
- Suitable for wristwatches, video cameras. The camera clamp may also be used in conjunction with the DLUMT universal mount.

### Screw Mount (DWS)
- 5/8” stud with wood screw and plate. Stud length is 7.8” (20cm).

### Lightstand Adapter (DLSA)
- Allows the On-Board Lamp Head (DLOB4) to be attached to the transport handles of video cameras. The camera clamp may also be used in conjunction with the DLUMT universal mount.

### Camera Clamp (DLCLAMP)
- Allows the On-Board Lamp Head (DLOB4) to be attached to most smooth surfaces.

### Power Supply Stand Adapter (DTSH)
- Allows the Dedolight power supplies to be attached to any lightstand with a 5/8˝ stud.

### Dedolight Stand (DST)
- Black anodized aluminum stand, weighing only 2.1 lbs. (955g). Its maximum height is 7” (2.1m), while it folds down to just 19” (48cm). Topped with a 5/8” stud for easy attachment of heads and accessories.

### Dedolight Flexible Stand Extension (DSTFX)
- For use with the Dedolight Stand (DST). Extends the maximum height of the stand to 8.6’ (2.6m).

### Heavy-Duty Transport Case (DCHDX)
- Same features as the DCHD case. Will hold all equipment supplied with KX accessory kit.
- Dimensions: 22.5 x 17 x 8.75” (57 x 43 x 22cm).
- Weighs 11.7 lbs. (5.3kg).
- Item # DECKXAK ............. 413.50

### Vacuum Mount (DV6B)
- Same features as the DCHD case. Will hold all equipment supplied with KBAT and KB2 lighting kits.
- Dimensions: 13.7 x 9” (35 x 23cm).
- Weighs 6.2 lbs. (2.8kg).
- Item # DECVAC ............. 104.50

### Plastic Accessory Case (DLBOX)
- For keeping extra lamps, gels and other miscellaneous accessories protected and organized.
- Dimensions: 8 x 4.2 x 1.3” (20 x 10.7 x 3.3cm).
- Weighs 2 lbs. (.9kg).
- Item # DECP .............. 5.50

### Heavy-Duty Transport Case (DCHD)
- This molded case, constructed of a heavy-duty plastic composite, is made for air shipment. It is lined with protective foam and has built-in dividers. Heavy-duty latches keep the case closed securely and its attached handle makes for easy transport. Will hold all equipment supplied with K12 and K24 lighting kits.
- Dimensions: 22.5 x 17 x 10.25” (57 x 43 x 22cm).
- Weight: 13.2 lbs. (6kg).
- Item # DECDLHMK ............ 389.95

### Dedolight Flexible Stand Extension (DSTFX)
- Extenes the maximum height of the stand to 8.6’ (2.6m).
- For use with the Dedolight Stand (DST).
- Item # DELSEQ .............. 56.95

### Heavy-Duty Transport Case (DCHD)
- Same features as the DCHD case. Will hold all equipment supplied with KAC and KD lighting kits.
- Dimensions: 22.5 x 17 x 8.75” (57 x 43 x 22cm).
- Weighs 11.7 lbs. (5.3kg).
- Item # DECDLHK ............ 389.95

### Dedolight Holder (DH2)
- Made of elastic aircraft type aluminum, this holder tapes to flat surfaces, and attaches to table legs or pipes through the cutout in the plate. Mounting chains, gaffer tape, nails and screws are supplied. The base plate's attached 2-way articulating arm is made of heavy-duty spring steel.
- Item # DELH .................. 59.95

### Dedolight Clamp (CLAMP1)
- Attaches securely to stands, pipes, shelves, etc. up to 1” (2.5cm) diameter. A 5/8” stud that pivots and locks in two positions.
- Item # DECC ............ 42.95

### Dedolight Stand (DST)
- Black anodized aluminum stand, weighing only 2.1 lbs. (955g). Its maximum height is 7’ (2.1m), while it folds down to just 19” (48cm). Topped with a 5/8” stud for easy attachment of heads and accessories.
- Item # DELS7 .................. 94.95

### Heavy-Duty Transport Case (DCHD)
- Plastic molded carrying case with heavy-duty latches. Will hold all equipment supplied with KBAT and KOB lighting kits.
- Dimensions: 13.8 x 9’ (41.2 x 274.3cm).
- Weighs 146 lbs. (66.3kg).
- Item # DECDLH ......... 404.50

### Plastic Accessory Case (DLBOX)
- For keeping extra lamps, gels and other miscellaneous accessories protected and organized.
- Dimensions: 8 x 4.2 x 1.3” (20 x 10.7 x 3.3cm).
- Weighs 2 lbs. (.9kg).
- Item # DECP .............. 5.50

### Heavy-Duty Transport Case (DCHD)
- This molded case, constructed of a heavy-duty plastic composite, is made for air shipment. It is lined with protective foam and has built-in dividers. Heavy-duty latches keep the case closed securely and its attached handle makes for easy transport. Will hold all equipment supplied with K12 and K24 lighting kits.
- Dimensions: 22.5 x 17 x 10.25” (57 x 43 x 22cm).
- Weight: 13.2 lbs. (6kg).
- Item # DECDLHMK ............ 389.95

### Heavy-Duty Transport Case (DCHD)
- Same features as the DCHD case. Will hold all equipment supplied with KX accessory kit.
- Dimensions: 22.5 x 17 x 8.75” (57 x 43 x 22cm).
- Weighs 11.7 lbs. (5.3kg).
- Item # DECKXAK ............. 413.50

### Dedolight Transport Case (DSTFX)
- Allows the On-Board Lamp Head (DLOB4) to be attached to the transport handles of video cameras. The camera clamp may also be used in conjunction with the DLUMT universal mount.
- Item # DECC ............ 89.95

### Dedolight Holder (DH2)
- Made of elastic aircraft type aluminum, this holder tapes to flat surfaces, and attaches to table legs or pipes through the cutout in the plate. Mounting chains, gaffer tape, nails and screws are supplied. The base plate's attached 2-way articulating arm is made of heavy-duty spring steel.
- Item # DELH .................. 59.95

### Dedolight Clamp (CLAMP1)
- Attaches securely to stands, pipes, shelves, etc. up to 1” (2.5cm) diameter. A 5/8” stud that pivots and locks in two positions.
- Item # DECC ............ 42.95

### Screw Mount (DWS)
- 5/8” stud with wood screw and plate. Stud length is 7.8” (20cm).
- Item # DESM ............ 42.95

### Lightstand Adapter (DLSA)
- Allows the On-Board Lamp Head (DLOB4) to be mounted to lightstands with 5/8” studs.
- Item # DELSA .............. 16.95

### Universal Mount (DLUMT)
- Allows the Universal Lamp Head (DLH2) to be attached to cameras which are equipped with either a hot shoe or a 1/4” screw mount. The universal mount may also be used in conjunction with the DLCLAMP camera clamp.
- Item # DEUM ............. 33.50

### Vacuum Mount (DV6B)
- Supports lights weighing up to 40 lbs. (18.1kg).
- The vacuum mount has a 6” (15.2cm) base and a heavy-duty ball swivel joint with a 5/8” stud. The base has a small pump on the side which eliminates the air underneath, allowing it to be attached to most smooth surfaces.
- Item # DEV ............. 146.95

### Power Supply Stand Adapter (DTSH)
- Allows the Dedolight power supplies to be attached to any lightstand with a 5/8” stud.
- Item # DELSAPP ............. 44.95

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- www.bhphotovideo.com

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**DEDOLIGHT ACCESSORIES**
K12 Master Lighting Kit 100W (K12M)
Kit includes:
- 4 Dedolight heads (DLH4P) with power cables (DPOW3)
- 1 Dedolight power supply/control unit (DT12-4)
- 3 Extension cables (DPOW3)
- 1 Cigarette lighter adapter (DCAR3)
- 1 Battery power cable (DXBAT4-3)
- 4-4-leaf barndoors (DBD)
- 8 Filter holders (DFH)
- 4 Stands (DST)
- 2 Flexible stand extensions (DSTFX)
- 2 Mounting plates (DH2)
- 2 Clamps (CLAMP1)
- 1 6" vacuum mount (DV6B)

Item # DEK12M ................................................................. 4342.50

K12 Standard Lighting Kit (K12S)
Kit includes:
- 4 Dedolight heads (DLH4P) with power cables (DPOW3)
- 1 Dedolight power supply/control unit (DT12-4)
- 3 Extension cables (DPOW3)
- 1 Cigarette lighter adapter (DCAR3)
- 1 Battery power cable (DXBAT4-3)
- 4-4-leaf barndoors (DBD)
- 4 Filter holders (DFH)
- 3 Stands (DST)
- 1 Flexible stand extension (DSTFX)
- 2 Dedolight mounting plates (DH2)
- 2 Clamps (CLAMP1)

Item # DEK12S ................................................................. 4067.95

K12 Basic Lighting Kit 100W (K12B)
Kit includes:
- 4 Dedolight heads (DLH4P) with power cables (DPOW3)
- 1 Dedolight power supply/control unit (DT12-4)
- 4-4-leaf barndoors (DBD)
- 4 Filter holders (DFH)
- 3 Stands (DST)
- 1 Dedolight mounting plate (DH2)
- 1 Clamp (CLAMP1)

Item # DEK12B ................................................................. 3532.50

10-100W/12V halogen lamps (DL100)
4-50W/12V halogen lamps (DL50)
4-20W/12V halogen lamps (DL20)
1-Gel set, mixed blue (DGMB)
1-Gel set, mixed diffusion (DGMD)
1-Gel set, warm tone (DGW)
3-Plastic accessory cases (DLBOX)
1-Transport case (DCHD)
Weight: 54 lbs. (24.6kg).
Dimensions: 22.5 x 17 x 10.25" (57 x 43 x 26 cm).

K12 Max Lighting Kit 100W (K12MAX)
Kit includes:
- 4 Dedolight heads (DLH4P) with power cables (DPOW3)
- 1 Dedolight power supply/control unit (DT12-4)
- 3 Extension cables (DPOW3)
- 1 Cigarette lighter adapter (DCAR3)
- 1 Battery power cable (DXBAT4-3)
- 4-4-leaf barndoors (DBD)
- 20 Filter holders (DFH)
- 4 Full scrims (DSCF)
- 4 Half scrims (DSC1/2)
- 2 Graduated scrims (DSCG)
- 3 Scrim pouches (DSCP)
- 4 Stands (DST)
- 2 Flexible stand extensions (DSTFX)
- 2 Dedolight mounting plates (DH2)
- 4 Gobo holders (DPGH)
- 4 Eye attachments w/filters (DPEYESET)
- 4 Daylight conversion filters (DDCF)
- 1 Slide holder (DPH)
- 1 Infrared heat filter (DHF)
- 2 Plastic accessory cases (DLBOX)
- 1 Transport case (DCHD)
- 1 Accessory transport case (DCHDX)
Weight: 54 lbs. (24.6kg).
Dimensions: 22.5 x 17 x 10.25" (57 x 43 x 26 cm).

Item # DEK12MAX .......................................................... 8584.50
<table>
<thead>
<tr>
<th>KIT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>K24M KIT</td>
<td>K24 Master Lighting Kit 150W (K24M)</td>
<td>4219.95</td>
</tr>
<tr>
<td></td>
<td>Kit includes:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3- Dedolight heads (DLH4P) with power cables (DPOW3)</td>
<td></td>
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<tr>
<td></td>
<td>1- Dedolight power supply/control unit (DT24-3)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3- Extension cables (DPOW3)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3- 4-Leaf barndoors (DBD)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6- Filter holders (DFH)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3- Stands (DST)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2- Flexible stand extensions (DSTFX)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2- Dedolight mounting plates (DH2)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1- Clamp (CLAMP1)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1- 6˝ vacuum mount (DV6B)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1- Gel set, mixed blue (DGMB)</td>
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<tr>
<td></td>
<td>Item # DEK24M</td>
<td>3044.95</td>
</tr>
</tbody>
</table>

| K24S KIT  | K24 Standard Lighting Kit 150W (K24S)                                                            | 3374.95   |
|           | Kit includes:                                                                                    |           |
|           | 3- Dedolight heads (DLH4P) with power cables (DPOW3)                                             |           |
|           | 1- Dedolight power supply/control unit (DT24-3)                                                   |           |
|           | 3- Extension cables (DPOW3)                                                                     |           |
|           | 3- 4-Leaf barndoors (DBD)                                                                       |           |
|           | 6- Filter holders (DFH)                                                                          |           |
|           | 3- Stands (DST)                                                                                   |           |
|           | 2- Flexible stand extensions (DSTFX)                                                             |           |
|           | 2- Dedolight mounting plates (DH2)                                                                |           |
|           | 1- Clamp (CLAMP1)                                                                                |           |
|           | 1- 6˝ vacuum mount (DV6B)                                                                         |           |
|           | 1- Gel set, mixed blue (DGMB)                                                                     |           |
|           | Item # DEK24S                                                                                    | 3044.95   |

| K24B KIT  | K24 Basic Lighting Kit 150W (K24B)                                                               | 3044.95   |
|           | Kit includes:                                                                                    |           |
|           | 3- Dedolight heads (DLH4P) with power cables (DPOW3)                                             |           |
|           | 1- Dedolight power supply/control unit (DT24-3)                                                   |           |
|           | 3- Extension cables (DPOW3)                                                                     |           |
|           | 3- 4-Leaf barndoors (DBD)                                                                       |           |
|           | 3- Filter holders (DFH)                                                                          |           |
|           | 3- Stands (DST)                                                                                   |           |
|           | 6- 150W/24V halogen lamps                                                                        |           |
|           | 2- Plastic accessory cases (DLBOX)                                                                |           |
|           | 1- Transport case (DCHD)                                                                          |           |
|           | 1- Gel set, mixed blue (DGMB)                                                                     |           |
|           | Item # DEK24B                                                                                    | 3044.95   |

| K4300M KIT| K4300 Master Lighting Kit 150W (K4300M)                                                         | 4397.95   |
|           | Kit includes:                                                                                    |           |
|           | 4- Dedolight heads/150W 120V (DLHM4-300)                                                         |           |
|           | 4- 4-leaf barndoors (DBD)                                                                        |           |
|           | 8- Filter holders (DFH)                                                                          |           |
|           | 4- Stands (DST)                                                                                   |           |
|           | 2- Flexible stand extensions (DSTFX)                                                             |           |
|           | 2- Dedolight mounting plates (DH2)                                                                |           |
|           | 1- Gel set, mixed blue (DGMB)                                                                     |           |
|           | 1- Gel set, mixed diffusion (DGMD)                                                                |           |
|           | 1- Gel set, warm tone (DGW)                                                                       |           |
|           | 1- Projection attachment with 85mm lens (DP1)                                                     |           |
|           | 1- Gobo holder (DPGH)                                                                             |           |
|           | 1- Framing shutter (DPFS)                                                                         |           |
|           | 1- Iris (DPIR)                                                                                    |           |
|           | 2- Clamps (CLAMP1)                                                                                |           |
|           | 1- Transport case (DCHDM4)                                                                        |           |
|           | Item # DEK4300M                                                                                  | 4161.95   |

| K4300S KIT| K4300 Standard Lighting Kit 150W (K4300S)                                                        | 4116.95   |
|           | Kit includes:                                                                                    |           |
|           | 4- 300U Dedolight heads/150W 120V (DLHM4-300U)                                                    |           |
|           | 4- 4-leaf barndoors (DBD)                                                                         |           |
|           | 4- Filter holders (DFH)                                                                           |           |
|           | 4- Stands (DST)                                                                                   |           |
|           | 1- Dedolight mounting plate (DH2)                                                                 |           |
|           | 1- Gel set, mixed blue (DGMB)                                                                     |           |
|           | 1- Gel set, mixed diffusion (DGMD)                                                                |           |
|           | 1- Projection attachment with 85mm lens (DP1)                                                     |           |
|           | 1- Gobo holder (DPGH)                                                                             |           |
|           | 1- Framing shutter (DPFS)                                                                         |           |
|           | 1- Iris (DPIR)                                                                                    |           |
|           | 2- Clamps (CLAMP1)                                                                                |           |
|           | 1- Transport case (DCHDM4)                                                                        |           |
|           | Item # DEK4300S                                                                                  | 4161.95   |

| K4300B KIT| K4300 Basic Lighting Kit 150W (K4300B)                                                           | 3439.95   |
|           | Kit includes:                                                                                    |           |
|           | 4- Dedolight heads/150W 120V (DLHM4-300U)                                                         |           |
|           | 4- 4-leaf barndoors (DBD)                                                                         |           |
|           | 4- Filter holders (DFH)                                                                           |           |
|           | 4- Stands (DST)                                                                                   |           |
|           | 1- Dedolight mounting plate (DH2)                                                                 |           |
|           | 1- Clamp (CLAMP1)                                                                                |           |
|           | 6- 150W/24V halogen lamps                                                                        |           |
|           | 2- Accessory cases (DLBOX)                                                                        |           |
|           | 1- Transport case (DCHDM4)                                                                        |           |
|           | Item # DEK4300B                                                                                  | 3439.95   |
KA1M Kit

KA1 Master Lighting Kit 100W 230V In-line Dimmable (KA1M)
Kit includes:
4- Dedolight heads (DLH4)
4- Dedolight 100W dimmable power supplies-230V (DIMTA)
4- 4-leaf barndoors (DBD)
8- Filter holders (DFH)
4- Stands (DST)
2- Flexible stand extensions (DSTFX)
2- Dedolight mounting plates (DH2)
2- Clamps (CLAMP P1)
6- 100W/12V halogen lamps (DL100)
1- 6" vacuum mount (DV6B)
10- 100W/12V halogen lamps (DL100)
1- Gel set, mixed blue (DGMB)
1- Gel set, mixed diffusion (DGMD)
1- Gel set, warm tone (DGW)
1- Projection attachment with 85mm lens (DP1)
1- Gobo holder (DPGH)
1- Framing shutter (DPFS)
1- Iris (DPIR)
3- Plastic accessory cases (DLBOX)
1- Transport case (DCHDM4)

Item # DEKA1M ........................................ 4426.50

KA1M150 Kit

KA1-150 Master Lighting Kit 150W In-line Dimmable (KA1M150)
Kit includes:
3- Dedolight heads (DLH4)
3- Dedolight 150W dimmable power supplies (DT24-1)
3- 4-leaf barndoors (DBD)
3- Filter holders (DFH)
3- Stands (DST)
1- Flexible stand extension (DSTFX)
2- Dedolight mounting plates (DH2)
2- Clamps (CLAMP P1)
6- 150W/24V halogen lamps (DL150)
1- 150W/24V halogen lamps (DL100)
1- Gel set, mixed blue (DGMB)
1- Gel set, mixed diffusion (DGMD)
1- Gel set, warm tone (DGW)
1- Projection attachment with 85mm lens (DP1)
1- Gobo holder (DPGH)
1- Framing shutter (DPFS)
1- Iris (DPIR)
3- Plastic accessory cases (DLBOX)
1- Transport case (DCHDKA1)

Item # DEKA1M150 ...................................... 3734.50

KA1s Kit

KA1 Standard Lighting Kit 100W 230V In-line Dimmable (KA1S)
Kit includes:
4- Dedolight heads (DLH4)
4- Dedolight 100W dimmable power supplies-230V (DIMTA)
4- 4-leaf barndoors (DBD)
4- Filter holders (DFH)
4- Stands (DST)
1- Flexible stand extension (DSTFX)
2- Dedolight mounting plates (DH2)
2- Clamps (CLAMP P1)
8- 100W/12V halogen lamps (DL100)
6- 12V/100W halogen lamps (DL100)
1- 6" vacuum mount (DV6B)
10- 100W/12V halogen lamps (DL100)

Item # DEKA1S ........................................ 4139.95

KA1S150 Kit

KA1-150 Standard Lighting Kit 150W In-line Dimmable (KA1S-150)
Kit includes:
3- Dedolight heads (DLH4)
3- Dedolight 150W dimmable power supplies (DT24-1)
3- 4-leaf barndoors (DBD)
3- Filter holders (DFH)
3- Stands (DST)
1- Flexible stand extension (DSTFX)
2- Dedolight mounting plates (DH2)
2- Clamps (CLAMP P1)
8- 150W/24V halogen lamps (DL150)
1- 150W/24V halogen lamps (DL100)
1- Gel set, mixed blue (DGMB)
1- Gel set, mixed diffusion (DGMD)
1- Gel set, warm tone (DGW)
1- Projection attachment with 85mm lens (DP1)
1- Gobo holder (DPGH)
1- Framing shutter (DPFS)
1- Iris (DPIR)
2- Accessory cases (DLBOX)
1- Transport case (DCHDKA1)

Item # DEKA1S150 .................................... 3434.95

KA1B Kit

KA1 Basic Lighting Kit 100W 230V (KA1B)
Kit includes:
4- Dedolight heads (DLH4)
4- Dedolight 100W dimmable power supplies-230V (DIMTA)
4- 4-leaf barndoors (DBD)
4- Filter holders (DFH)
4- Stands (DST)
1- Dedolight mounting plate (DH2)
1- Clamp (CLAMP P1)
6- 12V/100W halogen lamps (DL100)
2- Plastic accessory cases (DLBOX)
1- Transport case (DCHDM4)

Item # DEKA1B ........................................ 3389.95

KA1B150 Kit

KA1-150 Basic Lighting Kit - 150W In-Line Dimmable (KA1B150)
Kit includes:
3- Dedolight heads (DLH4)
3- Dedolight 150W dimmable power supplies (DT24-1)
3- 4-leaf barndoors (DBD)
3- Filter holders (DFH)
3- Stands (DST)
1- Mounting plate (DH2)
1- Clamp (CLAMP P1)
6- 150W/24V halogen lamps (DL150)
2- Accessory cases (DLBOX)
1- Transport case (DCHDKA1)

Item # DEKA1B150 ................................. 2759.50
**K3X650S KIT**

**K3X650 650W Standard Lighting Kit**

Kit includes:
- 3- Dedolight 650W 120VAC light heads (DLH650)
- 3- 4-leaf barndoors (DBD400)
- 3- Filter holders (DFH400)
- 5- 650W 120VAC lamps (DL650)
- 3- Full single scrims (DSCFS400)
- 3- Full double scrims (DSCFD400)

Item # DEK3X650S .................................................. 4314.50

**COOLSET KIT**

**Dedocool Lighting Kit**

Kit includes:
- 2- Dedocool lamp heads (COOLH)
- 1- Dedocool power supply/ control unit (COOLU3)
- 2- 4-leaf barndoors (DBD)

Item # DECK .................................................. 4875.95

**K3X650B KIT**

**K3X650 650W Basic Lighting Kit**

Kit includes:
- 3- Dedolight 650W 120VAC light heads (DLH650)
- 3- 4-leaf barndoors (DBD400)
- 3- Filter holders (DFH400)
- 5- 650W 120VAC lamps (DL650)
- 3- Scrim pouches (DSCP400)
- 3- Full single scrims (DSCFS400)
- 3- Full double scrims (DSCFD400)
- 3- Half single scrims (DSCS1/2-400)
- 3- Half double scrims (DSCD1/2-400)
- 3- Stands (DST400)
- 1- Transport case (DCHD3X6)

Item # DEK3X650B .................................................. 3562.95

**K3X650B KIT**

**KBAT5 KIT**

**Battery Light Kit 100W/12V, 5Ah**

Kit includes:
- 1- Dedolight head (DLH4)
- 1- 12V/5Ah battery belt (DLBAT54)
- 1- 4-leaf barndoors (DBD)
- 1- Filter holder (DFH)
- 1- Battery cable (DXBAT4-3)
- 1- Universal mount (DLUMT)
- 1- Camera mounting clamp (DCLAMP)
- 1- Handle (DLHAND)
- 4- 100W/12V halogen lamps (DL100)
- 2- 50W/12V halogen lamps (DL50)
- 2- 20W/12V halogen lamps (DL20)
- 1- Gel set, daylight blue (DGB)
- 1- Carrying case (DCBAT)

Weight: 13.2 lbs. (6kg).
Dimensions: 18 x 13.4 x 5.9˝ (46 x 34 x 5.9 cm).

For electronic discharge guard on battery, add “E” to model number.

Item # DEKBAT5 .................................................. 1849.95

**KBAT8 KIT**

**Battery Light Kit 100W/12V, 8Ah**

Kit includes:
- 1- Dedolight head (DLH4)
- 1- 12V/8Ah battery belt (DLBAT84)
- 1- 4-leaf barndoors (DBD)
- 1- Filter holder (DFH)
- 1- Battery cable (DXBAT4-3)
- 1- Universal mount (DLUMT)
- 1- Camera mounting clamp (DCLAMP)
- 1- Handle (DLHAND)
- 4- 100W/12V halogen lamps (DL100)
- 2- 50W/12V halogen lamps (DL50)
- 2- 20W/12V halogen lamps (DL20)
- 1- Gel set, daylight blue (DGB)
- 1- Carrying case (DCBAT)

Weight: 15.4 lbs. (7kg).
Dimensions: 18 x 13.4 x 5.9˝ (46 x 34 x 5.9 cm).

For electronic discharge guard on battery, add “E” to model number.

Item # DEKBAT8 .................................................. 2009.95

**KDP400KFS**

**Projection Attachment 400 Series**

Includes:
- 1- Projection attachment with 185mm lens (DP400KFS) and framing shutter assembly (DP400FS)
- 1- Dedolight transport case (DCDP400)

Item # DEKPP400KFS ........................................... 1147.50

**KDP400KU**

**Projection Attachment 400 Series**

Includes:
- 1- Projection attachment with 185mm lens (DP400KU) and universal receptacle (DP400U)
- 1- Gobo holder (DP400GH)
- 1- Dedolight transport case (DCDP400)

Item # DEKDP400KU ........................................... 1186.95

**COOLSET KIT**

**Dedocool Lighting Kit**

Kit includes:
- 2- Dedocool lamp heads (COOLH)
- 2- Stands (DST)
- 4- 250W/24V halogen lamps (COOLAMP)
- 1- Transport case (COOLHD)

Item # DECK .................................................. 4875.95

**Projection Attachment 400 Series**

Includes:
- 1- Projection attachment with 185mm lens (DP400KU) and universal receptacle (DP400U)
- 1- Gobo holder (DP400GH)
- 1- Dedolight transport case (DCDP400)

Item # DEKDP400KU ........................................... 1186.95

**KBAT5 KIT**

**Battery Light Kit 100W/12V, 5Ah**

Item # DEK3X650S .................................................. 4314.50

**KBAT8 KIT**

**Battery Light Kit 100W/12V, 8Ah**

Item # DEK3X650B .................................................. 3562.95

**Projection Attachment 400 Series**

Includes:
- 1- Projection attachment with 185mm lens (DP400KFS) and framing shutter assembly (DP400FS)
- 1- Dedolight transport case (DCDP400)

Item # DEKPP400KFS ........................................... 1147.50

**Projection Attachment 400 Series**

Includes:
- 1- Projection attachment with 185mm lens (DP400KU) and universal receptacle (DP400U)
- 1- Gobo holder (DP400GH)
- 1- Dedolight transport case (DCDP400)

Item # DEKDP400KU ........................................... 1186.95
On-Board Light Kit (KOB5)

Kit includes:
1. Dedolight head w/flip up daylight conversion filter and battery cable (DLOB4)
2. Camera clamp (DLCLAMP)
3. 12/5Ah battery belt (DLBAT54)
4. 100W/12V halogen lamps (DL100)
5. 50W/12V halogen lamps (DL50)

Item # DEKOB5 ........................................... 1837.95

On-Board Light Kit (KOB8)

Kit includes:
2. 20W/12V halogen lamps (DL20)
1. Carrying case (DCBAT) Weight: 15.4 lbs. (7kg) Dimensions: 18 x 13.4 x 5.9” (46 x 34 x 15 cm) For electronic discharge guard on battery, add “E” to model number.

Item # DEKOB8 ........................................... 1974.95

400W/36V Lighting Kit (K436)

Kit includes:
1. Dedolight 400W/36V light head (DLH436) with cable (DPOW436)
2. Dedolight power supply/ control unit (DT36-1)
3. 4-leaf barndoor (DBD-400)
4. Filter holder (DFH400)
5. 400W/36V halogen lamps (DL400-36)

Item # DEK436 ........................................... 2653.50

Starter Kit (KM002)

Kit includes:
1. Dedolight head - 150W dimmable (DLHM-300)
2. Four-leaf barndoor (DBD)
3. Filter holder (DFH)
4. 150W/24V halogen lamp (DL150)

Item # DEKMONO2 ........................................... 1043.95

Accessory Kit (KK)

Kit includes:
1. Gel set, color effect (DGCOL)
2. Gel sets, mixed blue (DGM-B)
3. Gel set, mixed diffusion (DGM-D)
4. Gel set, warm tone (DGW)
5. Gel set, neutral density (DGN-D)
6. Eye attachments w/pouch (DPEYESET)
7. Daylight conversion filters (DDCF)
8. Slide holder (DSPH)
9. Infrared heat filter (DHF)
10. Full scrims (DSCF)
11. Half scrims (DSCS1/2)
12. Graduated scrims (DCSG)
13. Scrim pouches (DSCP)
14. Plastic accessory cases (DLBOX)

Weight: 21.6 lbs. (9.8kg) Dimensions: 22.5 x 17 x 8.75” (57x43x22cm)

Item # DEAK ............................................. 4596.95
Magis units feature double-walled housing, and are constructed of brushed stainless steel sheets, which are screwed together for easy maintenance and repair. The sheets are covered by heat resistant electrostatically deposited black epoxy paint. Ventilation slots on top and bottom of the housing allow for airflow over the lamp, reflector and the 4.75˝ (12cm) fresnel lens, keeping the unit cool and insuring a long life. Focusing is accomplished by use of a worm gear. The lamp holder carriage sits on Teflon bushings, which move along brass rods. These bushings ensure non-slipping, non-binding, smooth focusing operation even after years of use.

**ACCESSORIES**

- **4-Leaf Barndoor (306100)**
  Item # DEBD4M650 ...........43.50
- **Color Frame (307100)**
  Item # DECFQM650 ..........14.50
- **5½˝ (13cm) Full Single Scrim (309101)**
  Item # DESFSM650 ...........9.95
- **5½˝ (13cm) Half Single Scrim (309103)**
  Item # DESHSM650 ..........9.95
- **5½˝ (13cm) Full Double Scrim (309102)**
  Item # DESFDM650 ...........9.95
- **5½˝ (13cm) Half Double Scrim (309104)**
  Item # DESHDM650 ..........9.95
- **Scrim Bag (8031)**
  Item # DESBM650 ..............19.95
- **Snoot Set (308100)**
  Item # DESSM650 ..............53.95

**LAMP SPECIFICATIONS**

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<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<td>FKW</td>
<td>120</td>
<td>300</td>
<td>150</td>
<td>3200K</td>
<td>GBFKW</td>
<td>24.95</td>
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<tr>
<td>FRG</td>
<td>120</td>
<td>500</td>
<td>150</td>
<td>3400K</td>
<td>GBFRG</td>
<td>34.95</td>
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<tr>
<td>FRK</td>
<td>120</td>
<td>650</td>
<td>150</td>
<td>3200K</td>
<td>GBFRK</td>
<td>29.95</td>
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**PHOTOMETRICS WITH FRK LAMP**

**FLOOD**

| Distance | Beam Diameter | Footcandles | Lux | F-Stop | 1 foot candle = 10.76 lux. F-stops provided as a general guide only. *
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>9.9˝ (3.0m)</td>
<td>113</td>
<td>1216</td>
<td>8</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>19.8˝ (6.0m)</td>
<td>28</td>
<td>301</td>
<td>4.5</td>
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<tr>
<td>30´ (9.1m)</td>
<td>29.7˝ (9.1m)</td>
<td>13</td>
<td>140</td>
<td>2.5</td>
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<tr>
<td>40´ (12.2m)</td>
<td>39.6˝ (12.1m)</td>
<td>7</td>
<td>75</td>
<td>2</td>
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**SPOT**

| Distance | Beam Diameter | Footcandles | Lux | F-Stop | 1 foot candle = 10.76 lux. F-stops provided as a general guide only. *
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>1.4˝ (0.4m)</td>
<td>780</td>
<td>8933</td>
<td>16.8</td>
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<td>20´ (6.1m)</td>
<td>2.8˝ (0.9m)</td>
<td>195</td>
<td>2098</td>
<td>8.8</td>
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<td>30´ (9.1m)</td>
<td>4.2˝ (1.3m)</td>
<td>87</td>
<td>936</td>
<td>6.5</td>
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<tr>
<td>40´ (12.2m)</td>
<td>5.6˝ (1.7m)</td>
<td>49</td>
<td>527</td>
<td>4.5</td>
</tr>
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</table>
These compact fresnel lights are available in 6" 1000 watt and 10" 2000 watt models, and can be ordered with standard flat yokes or pole-operated yokes. The Leonardo “ECO” offers most of the features of the Leonardo Studio and Location line at an economical cost. All Leonardo “ECO” fresnels accept 1000, 750 and 500 watt lamps, while the 2000W units use 2000, 1500 and 1000 watt lamps. The “ECO” features the same cable drive focusing system as the Leonardo, giving the fresnel the smoothest focusing in the industry. Smooth focusing aids in the lamp life and easier user handling.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
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<td>500</td>
<td>100</td>
<td>3200K</td>
<td>GBENG</td>
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<td>750</td>
<td>200</td>
<td>3200K</td>
<td>GBEGR</td>
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<td>1000</td>
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<td>3200K</td>
<td>GBEGT</td>
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<td>CP40</td>
<td>220/240</td>
<td>1000</td>
<td>200</td>
<td>3200K</td>
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**PHOTOMETRICS WITH EGT LAMP**

<table>
<thead>
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<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>10.3'(3.1m)</td>
<td>120</td>
<td>1291</td>
<td>8</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>20.6'(6.3m)</td>
<td>30</td>
<td>323</td>
<td>4</td>
</tr>
<tr>
<td>30' (9.1m)</td>
<td>30.8'(9.4m)</td>
<td>13</td>
<td>140</td>
<td>2.5</td>
</tr>
<tr>
<td>40' (12.2m)</td>
<td>41.1'(12.5m)</td>
<td>7</td>
<td>75</td>
<td>2</td>
</tr>
</tbody>
</table>

**FEATURES**

- Lightweight octagonal steel housing, double wall construction with internal baffles
- Heavy duty G22 bipost socket
- Special bimetallic clad aluminum reflector
- High temperature heat resistant powder coating
- Hinged lens door for easy relamping
- Top locking safety bracket for barndoor, color frame.

**SPECIFICATIONS**

- **Cable:** 6' (1.8m) 14/3 So Type
- **Lens:** 6" (150mm) shock resistant borosilicate glass fresnel.
- **Focusing:** Cable drive.
- **Weight:** 13 lbs. (5.9kg)
- **Dimensions:** 11 x 16 x 11" (28x41x28cm)

**ACCESSORIES**

- **Extruded C-Clamp (91300)**
  - Item # DECCM1K
  - Price: 14.95

- **4-Leaf Barndoor (316100)**
  - Item # DEBD4M1K
  - Price: 54.95

- **8-Leaf Barndoor (316200)**
  - Item # DEBD8M1K
  - Price: 82.50

- **Color Frame (317100)**
  - Item # DECFM1K
  - Price: 18.95

- **Snoot Set (318100)**
  - Item # DESSM1K
  - Price: 89.95

- **Scrim Bag (8032)**
  - Item # DESBM1K
  - Price: 22.50

- **7¼" (18.4cm)**
  - **Full Single Scrim (319101)**
    - Item # DEFSM1K
    - Price: 12.95

- **7¼" (18.4cm)**
  - **Half Single Scrim (319103)**
    - Item # DEHSM1K
    - Price: 11.95

- **7¼" (18.4cm)**
  - **Full Double Scrim (319102)**
    - Item # DESFDM1K
    - Price: 12.95

- **7¼" (18.4cm)**
  - **Half Double Scrim (319104)**
    - Item # DESHDM1K
    - Price: 11.95

- **7¼" (18.4cm) Scrim Set (319100)**
  - Includes FS, HS, FD, HD.
  - Item # DESS4M1K
  - Price: 47.95

- **Safety Cable (1800)**
  - Item # DESCN1K
  - Price: 5.50

Lamps and accessories must be purchased separately.

**LIGHTING TIP**

The larger the light source, the softer the light. (And the closer the light source is to the subject, the larger it becomes.)

www.bhphotovideo.com
These compact fresnel lights are available in 6’ 1000 watt and 10’ 2000 watt models, and can be ordered with standard flat yokes or pole-operated yokes. The Leonardo “ECO” offers most of the features of the Leonardo Studio and Location line at an economical cost. All Leonardo “ECO” fresnels accept 1000, 750 and 500 watt lamps, while the 2000W units use 2000, 1500 and 1000 watt lamps. The “ECO” features the same cable drive focusing system as the Leonardo, giving the fresnel the smoothest focusing in the industry. Smooth focusing aids in the lamp life and easier user handling.

**Lighting Tip**

To increase brightness, use maximum wattage recommended lamps.

---

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CY</td>
<td>120</td>
<td>1000</td>
<td>200</td>
<td>3200K</td>
<td>GBCY</td>
<td>57.50</td>
</tr>
<tr>
<td>CZ</td>
<td>120</td>
<td>1500</td>
<td>325</td>
<td>3200K</td>
<td>GBCZ</td>
<td>97.50</td>
</tr>
<tr>
<td>CYX</td>
<td>120</td>
<td>2000</td>
<td>400</td>
<td>3200K</td>
<td>GBCYX</td>
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</tr>
<tr>
<td>CP40</td>
<td>220/240</td>
<td>1000</td>
<td>400</td>
<td>3200K</td>
<td>ARLF1KX</td>
<td>44.95</td>
</tr>
<tr>
<td>CP41</td>
<td>220/240</td>
<td>2000</td>
<td>400</td>
<td>3200K</td>
<td>ARLF2KX</td>
<td>53.95</td>
</tr>
</tbody>
</table>

**Photometrics with CYX Lamp**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>10.3” (3.1m)</td>
<td>366</td>
<td>3938</td>
<td>11.8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>20.6” (6.3m)</td>
<td>92</td>
<td>990</td>
<td>5.65</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>30.8” (9.4m)</td>
<td>41</td>
<td>441</td>
<td>4.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>41.1” (12.5m)</td>
<td>23</td>
<td>247</td>
<td>2.85</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**Features**

- Lightweight steel housing, double wall construction
- Heavy duty G38 bipost socket
- Special bimetallic clad aluminum reflector
- High temperature heat resistant powder coating
- Top locking safety bracket for barndoor, color frame.

**LAMPS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CY</td>
<td>120</td>
<td>1000</td>
<td>200</td>
<td>3200K</td>
<td>GBCY</td>
<td>57.50</td>
</tr>
<tr>
<td>CZ</td>
<td>120</td>
<td>1500</td>
<td>325</td>
<td>3200K</td>
<td>GBCZ</td>
<td>97.50</td>
</tr>
<tr>
<td>CYX</td>
<td>120</td>
<td>2000</td>
<td>400</td>
<td>3200K</td>
<td>GBCYX</td>
<td>57.50</td>
</tr>
<tr>
<td>CP40</td>
<td>220/240</td>
<td>1000</td>
<td>400</td>
<td>3200K</td>
<td>ARLF1KX</td>
<td>44.95</td>
</tr>
<tr>
<td>CP41</td>
<td>220/240</td>
<td>2000</td>
<td>400</td>
<td>3200K</td>
<td>ARLF2KX</td>
<td>53.95</td>
</tr>
</tbody>
</table>

**Scrim Set**

Includes FS, HS, FD, HD.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESS4M2K</td>
<td>65.95</td>
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</tbody>
</table>

**Barndoors**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEBD4LM2K</td>
<td>119.95</td>
</tr>
</tbody>
</table>

**Extra Accessories**

- Lightweight steel housing, double wall construction
- Heavy duty G38 bipost socket
- Special bimetallic clad aluminum reflector
- High temperature heat resistant powder coating
- Top locking safety bracket for barndoor, color frame.

**Order & Information**

Order & Information (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com

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These compact fresnel lights are available in 6’ 1000 watt and 10’ 2000 watt models, and can be ordered with standard flat yokes or pole-operated yokes. The Leonardo “ECO” offers most of the features of the Leonardo Studio and Location line at an economical cost. All Leonardo “ECO” fresnels accept 1000, 750 and 500 watt lamps, while the 2000W units use 2000, 1500 and 1000 watt lamps. The “ECO” features the same cable drive focusing system as the Leonardo, giving the fresnel the smoothest focusing in the industry. Smooth focusing aids in the lamp life and easier user handling.
Compact, lightweight and rugged, the 1000 watt Leonardo offers the same durable construction as the Magis lights. Featuring a 6˝ (15cm) convex fresnel lens, the Leonardo 1000 Watt Fresnel utilizes a cable driven focusing system instead of a conventional worm gear drive. The focusing system uses Teflon bushings, which glide over chrome plated brass rods, eliminating the binding and slippage associated with metal bushings. This helps the rails stay clean, and avoids pitting. The Leonardo accepts 1000, 750 and 500 watt lamps. A full line of accessories is available, including barn-doors, snoots, gel holders and scrims. The 1000 watt Leonardo is available in three configurations. Lamps must be purchased separately. (Safety note: When hanging overhead lights, always use a safety cable to prevent the light from falling.)

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG</td>
<td>120</td>
<td>500</td>
<td>- (??)</td>
<td>3200K</td>
<td>GBENG</td>
<td>19.50</td>
</tr>
<tr>
<td>EGR</td>
<td>120</td>
<td>750</td>
<td>200</td>
<td>3200K</td>
<td>GBGGR</td>
<td>49.95</td>
</tr>
<tr>
<td>EGT</td>
<td>120</td>
<td>1000</td>
<td>250</td>
<td>3200K</td>
<td>GBGGR</td>
<td>29.95</td>
</tr>
<tr>
<td>CP40</td>
<td>220/240</td>
<td>1000</td>
<td>200</td>
<td>3200K</td>
<td>ARLF1KX</td>
<td>44.95</td>
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</table>

**PHOTOMETRICS WITH EGT LAMP**

### FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>10.3’ (3.1m)</td>
<td>120</td>
<td>126</td>
<td>8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>20.6’ (6.3m)</td>
<td>30</td>
<td>323</td>
<td>4</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>30.8’ (9.4m)</td>
<td>13</td>
<td>140</td>
<td>2.8</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>41.1’ (12.5m)</td>
<td>7</td>
<td>75</td>
<td>1.8</td>
</tr>
</tbody>
</table>

### SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>1.3’ (0.4m)</td>
<td>1286</td>
<td>1387</td>
<td>22</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>2.6’ (0.8m)</td>
<td>321</td>
<td>3454</td>
<td>11</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>3.9’ (1.2m)</td>
<td>143</td>
<td>1539</td>
<td>8.5</td>
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<tr>
<td>40’ (12.2m)</td>
<td>5.2’ (1.6m)</td>
<td>80</td>
<td>861</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
The 2000 watt Leonardo features a 10˝ (25cm) convex fresnel lens, and utilizes a cable driven focusing system instead of a conventional worm gear drive. The focusing system uses Teflon bushings, which glide over chrome plated brass rods, eliminating the binding and slippage associated with metal bushings. This helps the rails stay clean, and avoids pitting. The Leonardo accepts 2000, 1500 and 1000 watt lamps. A full line of accessories is available, including barn doors, snoots, gel holders and scrims. The 2000 watt Leonardo is available in three configurations. Lamps must be purchased separately. (Safety note: When hanging overhead lights, always use a safety cable to prevent the light from falling.)

<table>
<thead>
<tr>
<th>LAMP SPECIFICATIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bulb</strong></td>
<td><strong>Voltage</strong></td>
</tr>
<tr>
<td>CYV</td>
<td>120</td>
</tr>
<tr>
<td>C0Z</td>
<td>120</td>
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<tr>
<td>CYX</td>
<td>120</td>
</tr>
<tr>
<td>CP40</td>
<td>220/240</td>
</tr>
<tr>
<td>CP41</td>
<td>220/240</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHOTO METRICS WITH CYX LAMP</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FLOOD</strong></td>
<td><strong>SPOT</strong></td>
</tr>
<tr>
<td><strong>Distance</strong></td>
<td><strong>Beam Diameter</strong></td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>10.3’ (3.1m)</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>20.6’ (6.3m)</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>30.8’ (9.4m)</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>41.1’ (12.5m)</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
**LEONARDO 5000W**

**CONTINUOUS LIGHTING**

**TUNGSTEN**

**DESISTI**

**LEONARDO 5000W FRESNEL**

The 5000 watt Leonardo features a 12˝ (30cm) convex fresnel lens, and utilizes a cable driven focusing system instead of a conventional worm gear drive. The focusing system uses Teflon bushings, which glide over chrome plated brass rods, eliminating the binding and slippage associated with metal bushings. This helps the rails stay clean, and avoids pitting. The Leonardo accepts 5000 watt lamps. A full line of accessories is available, including barndoors, snoots, gel holders and scrims. The 5000 watt Leonardo is available in three configurations. Lamps must be purchased separately. (Safety note: When hanging overhead lights, always use a safety cable to prevent the light from falling.)

**SPECIFICATIONS**

- **Dimensions:**
  - Stand Model: 16 x 25 x 18˝ (LHW) (41x64x46cm)
  - Hanging Model: 16 x 25 x 18˝ (LHW) (41x64x46cm)

- **Weight:**
  - Stand Model: 34 lbs. (15.4kg)
  - Hanging Model: 40.5 lbs (18.4kg)
  - Pole Operated: 47 lbs (21.3kg)

**ACCESSORIES**

- 4-Leaf Barndoor Med. (356110)
  - Item # DEBD4ML5K ........78.95
- 4-Leaf Barndoor Large (356100)
  - Item # DEBD4LL5K ........112.50
- 8-Leaf Barndoor Med. (356210)
  - Item # DEBD8ML5K ........104.95
- 8-Leaf Barndoor Large (356200)
  - Item # DEBD8LL5K ........142.50
- Color Frame (357100)
  - Item # DECFL5K ................32.50
- Snoot Set (358100)
  - Item # DESSL5K ..............119.95
- Safety Cable (1800)
  - Item # DESCL5K ................5.50
- 15’’ (39.3cm) Full Double Scrim (359102)
  - Item # DESFDL5K ..........19.95
- 15’’ (39.3cm) Half Double Scrim (359104)
  - Item # DESHDL5K ..........18.95
- 15’’ (39.3cm) Scrim Set (359100)
  - Item # DESS4L5K ........76.50
- Scrim Bag (8034)
  - Item # DESBL5K ................42.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
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<td>DPY</td>
<td>120</td>
<td>5000</td>
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<td>GBDPY</td>
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<td>CP29</td>
<td>220/240</td>
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<td>500</td>
<td>3200K</td>
<td>ARLP5KX</td>
<td>197.95</td>
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**PHOTOMETRICS WITH DPY LAMP**

**FLOOD**

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<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>30’’ (0.8m)</td>
<td>32.0’’ (0.8m)</td>
<td>111</td>
<td>1194</td>
<td>8</td>
</tr>
<tr>
<td>40’’ (1.2m)</td>
<td>42.7’’ (1.3m)</td>
<td>63</td>
<td>678</td>
<td>5.6</td>
</tr>
<tr>
<td>50’’ (1.3m)</td>
<td>53.4’’ (1.6m)</td>
<td>40</td>
<td>430</td>
<td>4.5</td>
</tr>
<tr>
<td>60’’ (1.8m)</td>
<td>64.1’’ (1.9m)</td>
<td>28</td>
<td>301</td>
<td>4</td>
</tr>
</tbody>
</table>

**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>30’’ (0.8m)</td>
<td>2.9’’ (0.9m)</td>
<td>814</td>
<td>8759</td>
<td>16.5</td>
</tr>
<tr>
<td>40’’ (1.2m)</td>
<td>3.9’’ (1.2m)</td>
<td>458</td>
<td>4928</td>
<td>16</td>
</tr>
<tr>
<td>50’’ (1.3m)</td>
<td>4.9’’ (1.5m)</td>
<td>593</td>
<td>3153</td>
<td>11.5</td>
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<tr>
<td>60’’ (1.8m)</td>
<td>5.9’’ (1.8m)</td>
<td>204</td>
<td>2195</td>
<td>8.8</td>
</tr>
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</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
The 10000/12000 watt Leonardo features a 20" (50cm) convex fresnel lens, and utilizes a cable driven focusing system instead of a conventional worm gear drive. The focusing system uses Teflon bushings, which glide over chrome plated brass rods, eliminating the binding and slippage associated with metal bushings. This helps the rails stay clean, and avoids pitting. The Leonardo accepts 10000 watt lamps. A full line of accessories is available, including barn doors, snoots, gel holders and scrims. The 10000/12000 watt Leonardo is only available in two configurations. Lamps must be purchased separately. (Safety note: When hanging overhead lights, always use a safety cable to prevent the light from falling.)
LEONARDO 20,000/24,000W

The 20000/24000 watt Leonardo features a 24” (61cm) convex fresnel lens, and utilizes a cable driven focusing system instead of a conventional worm gear drive. The focusing system uses Teflon bushings, which glide over chrome plated brass rods, eliminating the binding and slippage associated with metal bushings. The Leonardo accepts 20000/24000 watt lamps and operates only on electrical voltage of 220V. A full line of accessories is available, including barndoors, snoots, gel holders and scrims. The 10000/12000 watt Leonardo is available in three configurations. Lamps must be purchased separately. (Safety note: When hanging overhead lights, always use a safety cable to prevent the light from falling.)

**LEONARDO 20,000W FRESNEL**

Leonardo 20000W Super Leo Fresnel with Integral Dimmer (400110)
An integral dimmer with an hour counter allows local operation. A 3-pin XLR socket is attached to the dimmer unit, or connected to either an analog console or remote control module. (3-pin XLR cable must be purchased separately.) A 6’ (1.8m) power cable with plug is attached to the unit. A 1¼” pin fits all junior stands and mounting accessories. Includes wireguard.
Item # DEL20KD ..............................................$8198.95

Leonardo 20000W Super Leo Fresnel with On/Off Switch (400200)
Complete with wireguard, a 100 amp on/off switch, 6’ (1.8m) power cable and a 1¼” pin that fits all junior stands and mounting accessories.
Item # DEL20KS ...........................................$6879.50

Leonardo 20000W Super Leo Fresnel (400210)
A stripped down unit, without on/off switch or dimmer. Intended for those who have a custom studio configuration and need one extra light. Features a 1¼” pin for mounting and wireguard.
Item # DEL20K ..............................................$6458.50

**ACCESSORIES**

4-Leaf Barndoor (406100)
Item # DEBDL20K ........................................$344.95

Safety Cable (1800)
Item # DESCL5K ...........................................$5.50

26½” (67.6cm)
Full Single Scrim (409101)
Item # DESFSL20K .....................................$89.95

26½” (67.6cm)
Half Single Scrim (409103)
Item # DESHSL20K .....................................$78.95

26½” (67.6cm)
Full Double Scrim (409102)
Item # DESFDL20K .....................................$89.95

26½” (67.6cm)
Half Double Scrim (409104)
Item # DESHDL20K .....................................$78.95

Scrim Bag (8035)
For 26½” (67.6cm) Scrims.
Item # DESBL10K ..........................................$117.95

Scrim Set (409100)
Includes FS, HS, FD, HD.
Item # DESS4L20K .......................................$303.50

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCM</td>
<td>220</td>
<td>20,000</td>
<td>300</td>
<td>3200K</td>
<td>ARLBOMT24</td>
<td>$2253.95</td>
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**PHOTO METRICS WITH KP-200 LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>25’ (7.6m)</td>
<td>23.3” (71.3m)</td>
<td>576</td>
<td>6198</td>
<td>16.5</td>
</tr>
<tr>
<td>50’ (15.2m)</td>
<td>46.6” (142.4m)</td>
<td>144</td>
<td>1549</td>
<td>8.5</td>
</tr>
<tr>
<td>75’ (22.9m)</td>
<td>69.9” (213.1m)</td>
<td>64</td>
<td>689</td>
<td>5.6</td>
</tr>
<tr>
<td>100’ (30.1m)</td>
<td>93.3” (283.4m)</td>
<td>36</td>
<td>387</td>
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**SPOT**

<table>
<thead>
<tr>
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<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>25’ (7.6m)</td>
<td>4.4” (13.3m)</td>
<td>3250</td>
<td>34,970</td>
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<td>50’ (15.2m)</td>
<td>8.7” (27.3m)</td>
<td>880</td>
<td>9649</td>
<td>22</td>
</tr>
<tr>
<td>75’ (22.9m)</td>
<td>13.1” (41.3m)</td>
<td>391</td>
<td>4207</td>
<td>11.8</td>
</tr>
<tr>
<td>100’ (30.1m)</td>
<td>17.5” (53.3m)</td>
<td>220</td>
<td>2367</td>
<td>11</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Designed for location, these lightweight, compact units are perfect for ENG work, video and photography, or when size and weight is at a premium. The Piccolo units share the same accessories, construction, design, functionality and craftsmanship as the Leonardo Fresnels, but are smaller in size. The Piccolo accepts 2000, 1500 and 1000 watt lamps. A full line of accessories is available, including barndoors, snoots, gel holders and scrims. The 2000 watt Piccolo is available in three configurations. Lamps must be purchased separately.

(Safety note: When hanging overhead lights, always use a safety cable to prevent the light from falling.)

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYV</td>
<td>120</td>
<td>1000</td>
<td>200</td>
<td>3200K</td>
<td>GBOV</td>
<td>57.50</td>
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<tr>
<td>C1Z</td>
<td>120</td>
<td>1500</td>
<td>325</td>
<td>3200K</td>
<td>GBOZ</td>
<td>97.50</td>
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<tr>
<td>CYX</td>
<td>120</td>
<td>2000</td>
<td>400</td>
<td>3200K</td>
<td>GBCX</td>
<td>57.50</td>
</tr>
<tr>
<td>G40</td>
<td>220/240</td>
<td>1000</td>
<td>400</td>
<td>3200K</td>
<td>ARFLKKX</td>
<td>44.95</td>
</tr>
<tr>
<td>G41</td>
<td>220/240</td>
<td>2000</td>
<td>400</td>
<td>3200K</td>
<td>ARFLKKX</td>
<td>53.95</td>
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### PHOTOMETRICS WITH CYX LAMP

#### FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>9.1” (2.8m)</td>
<td>293</td>
<td>3153</td>
<td>11.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>18.2” (5.5m)</td>
<td>73</td>
<td>785</td>
<td>5.6</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>27.3” (8.3m)</td>
<td>33</td>
<td>355</td>
<td>4.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>36.5” (11.3m)</td>
<td>18</td>
<td>194</td>
<td>2.85</td>
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</tbody>
</table>

#### SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>1.7” (0.5m)</td>
<td>1593</td>
<td>17,141</td>
<td>22.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>3.5” (1.1m)</td>
<td>398</td>
<td>4282</td>
<td>11.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>5.2” (1.6m)</td>
<td>177</td>
<td>1905</td>
<td>8.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>7” (2.1m)</td>
<td>100</td>
<td>1076</td>
<td>5.65</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Designed for location, these lightweight, compact units are perfect for ENG work, video and photography, or when size and weight is at a premium. The Piccolo units share the same accessories, construction, design, functionality and craftsmanship as the Leonardo Fresnels, but are smaller in size. The Piccolo accepts 5000 watt lamps. A full line of accessories is available, including barn-doors, snoots, gel holders and scrims. The 5000 watt Piccolo is available in three configurations. Lamps must be purchased separately. (Safety note: When hanging overhead lights, always use a safety cable to prevent the light from falling.)

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPY</td>
<td>120</td>
<td>5000</td>
<td>500</td>
<td>3200K</td>
<td>GBDPY</td>
<td>274.95</td>
</tr>
<tr>
<td>CP29</td>
<td>220/240</td>
<td>5000</td>
<td>500</td>
<td>3200K</td>
<td>ARLP5K</td>
<td>197.95</td>
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**PHOTOMETRICS WITH DPY LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>30' (9.1m)</td>
<td>18.3' (5.6m)</td>
<td>8.5</td>
</tr>
<tr>
<td>40' (12.2m)</td>
<td>24.5' (7.5m)</td>
<td>5.65</td>
</tr>
<tr>
<td>50' (15.2m)</td>
<td>30.6' (9.3m)</td>
<td>5.6</td>
</tr>
<tr>
<td>60' (18.3m)</td>
<td>36.7' (11.2m)</td>
<td>4.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>30' (9.1m)</td>
<td>6.8' (2.1m)</td>
<td>16</td>
</tr>
<tr>
<td>40' (12.2m)</td>
<td>9.1' (2.8m)</td>
<td>11</td>
</tr>
<tr>
<td>50' (15.2m)</td>
<td>11.4' (3.5m)</td>
<td>8.8</td>
</tr>
<tr>
<td>60' (18.3m)</td>
<td>13.7' (4.2m)</td>
<td>8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Designed for location, these lightweight, compact units are perfect for ENG work, video and photography, or when size and weight is at a premium. The Piccolo units share the same accessories, construction, design, functionality and craftsmanship as the Leonardo Fresnels, but are smaller in size. The Piccolo accepts 10000 watt lamps. A full line of accessories is available, including barn-doors, snoots, gel holders and scrims. The 10000 watt Piccolo is available in three configurations. Lamps must be purchased separately. (Safety note: When hanging overhead lights, always use a safety cable to prevent the light from falling.)
The Renoir Broad Light offers a flat, even, 90° light beam angle and powerfull illumination. The Renoir is extremely useful for fill lighting, replacing multiple Par or Cyc-light applications. The Renoir is ideal for lighting large blue screens, back drops and have been used for audience lighting and runaway shoots.

- 90° beam spread
- Outrigger color frame system to prolong gel life
- Superior barn door cut off for added control
- Lightweight stainless steel housing
- Ability to burn at a 65° angle.

**SPECIFICATIONS**

**Weight:**
11 lbs (5kg)

**Dimensions:**
12.2 x 6.1 x 15.5”
(31 x 15.5 x 39.4cm)

**FEATURES**

- 90 degrees beam spread
- Outrigger color frame system to prolong gel life
- Superior barn door cut off for added control
- Lightweight stainless steel housing
- Ability to burn at a 65° angle.

**PHOTOMETRICS**

### 650W

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (W x H)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>20 x 20.7’ (6.1 x 6.3m)</td>
<td>27</td>
<td>398</td>
<td>4.5</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>30 x 31.1’ (9.1 x 9.5m)</td>
<td>17</td>
<td>183</td>
<td>3.0</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>40 x 41.4’ (12.2 x 12.6m)</td>
<td>9</td>
<td>97</td>
<td>2.5</td>
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### 500W

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (W x H)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>20 x 20.7’ (6.1 x 6.3m)</td>
<td>16</td>
<td>172</td>
<td>2.8</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>30 x 31.1’ (9.1 x 9.5m)</td>
<td>7</td>
<td>75</td>
<td>2.0</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>40 x 41.4’ (12.2 x 12.6m)</td>
<td>4</td>
<td>43</td>
<td>1.4</td>
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### 300W

<table>
<thead>
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<th>Distance</th>
<th>Beam Diameter (W x H)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>20 x 20.7’ (6.1 x 6.3m)</td>
<td>16</td>
<td>172</td>
<td>2.8</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>30 x 31.1’ (9.1 x 9.5m)</td>
<td>7</td>
<td>75</td>
<td>2.0</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>40 x 41.4’ (12.2 x 12.6m)</td>
<td>4</td>
<td>43</td>
<td>1.4</td>
</tr>
</tbody>
</table>

For any inquiries regarding your order, call our customer service:
(800) 221-5743 • (212) 239-7765 • Fax: (800) 947-2215 • (212) 239-7549

---

**BULB SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FKW</td>
<td>120</td>
<td>300</td>
<td>—</td>
<td>3200K</td>
<td>GBFWK</td>
<td>24.95</td>
</tr>
<tr>
<td>FRG</td>
<td>120</td>
<td>500</td>
<td>—</td>
<td>3200K</td>
<td>GBFRG</td>
<td>34.95</td>
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<tr>
<td>FRK</td>
<td>120</td>
<td>650</td>
<td>—</td>
<td>—</td>
<td>GBFRK</td>
<td>29.95</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- 8-Leaf Barndoor (2716200)
  - Item # DER1BRK ........... 112.50
- Wireguard (2715100)
  - Item # DEWGG400W ..... 19.95
- 4-Piece Scrim Set Stainless Steel (2719100)
  - Item # DESS4CD15B ..... 107.95
- Full Single Scrim Stainless Steel (2719101)
  - Item # DESFSR1K ....... 28.50
- Full Double Scrim Stainless Steel (2719102)
  - Item # DESFDR1K ....... 28.50

**LAMPS AND ACCESSORIES**

- Half Single Scrim Stainless Steel (2719103)
  - Item # DESHSR1K ....... 28.50
- Half Double Scrim Stainless Steel (2719104)
  - Item # DESHDR1K ....... 28.50
- Solid Brass C-Clamp with M8 Bolt (91301)
  - Item # DECCCHL1K ...... 29.95
- Mini Aluminum C-Clamp (91303)
  - Item # DECCG400W ..... 11.95
- Safety Cable 3’ with Steel Rope and Safety Catch (1800)
  - Item # DESCM650 ...... 5.50

**TABLES**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FKW</td>
<td>120</td>
<td>300</td>
<td>—</td>
<td>3200K</td>
<td>GBFWK</td>
<td>24.95</td>
</tr>
<tr>
<td>FRG</td>
<td>120</td>
<td>500</td>
<td>—</td>
<td>3200K</td>
<td>GBFRG</td>
<td>34.95</td>
</tr>
<tr>
<td>FRK</td>
<td>120</td>
<td>650</td>
<td>—</td>
<td>—</td>
<td>GBFRK</td>
<td>29.95</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Renoir Quartz Broadlights are available in 2000 and 5000 watt versions, and provide a flat, even light with a powerful punch. These lights can be used in the studio or on location and are extremely useful for blue screen lighting, fill lighting, and replacing multiple Pars in audience or fashion show runway applications. They can also be used to light large backdrops. Additionally, by replacing the silver reflector with an optional black reflector, the units can be used as a shadowlight, creating distinct crisp shadows for special effects work.

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYV</td>
<td>120</td>
<td>1000</td>
<td>200</td>
<td>3200K</td>
<td>GCYV</td>
<td>57.50</td>
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<tr>
<td>COZ</td>
<td>120</td>
<td>1500</td>
<td>325</td>
<td>3200K</td>
<td>GCÖZ</td>
<td>97.50</td>
</tr>
<tr>
<td>CYX</td>
<td>120</td>
<td>2000</td>
<td>400</td>
<td>3200K</td>
<td>GCYX</td>
<td>57.50</td>
</tr>
<tr>
<td>CP40</td>
<td>220/240</td>
<td>1000</td>
<td>400</td>
<td>3200K</td>
<td>ARFLKX</td>
<td>44.95</td>
</tr>
<tr>
<td>CP41</td>
<td>220/240</td>
<td>2000</td>
<td>400</td>
<td>3200K</td>
<td>ARFL2KX</td>
<td>53.95</td>
</tr>
</tbody>
</table>

**Photo Metrics**

WITH HXV LAMP

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (Width x Height)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 (3.0m)</td>
<td>18 x 18.3 (5.5 x 5.6m)</td>
<td>223</td>
<td>2399</td>
<td>11</td>
</tr>
<tr>
<td>20 (6.1m)</td>
<td>36 x 36.7 (11 x 11.2m)</td>
<td>56</td>
<td>603</td>
<td>5.6</td>
</tr>
<tr>
<td>30 (9.1m)</td>
<td>54 x 55.5 (16.5 x 16.8m)</td>
<td>25</td>
<td>269</td>
<td>2.85</td>
</tr>
<tr>
<td>40 (12.2m)</td>
<td>72 x 73.3 (21.9 x 22.3m)</td>
<td>14</td>
<td>151</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The stainless steel housing, finished in black powder coated epoxy paint, incorporates an integral barndoor holder with a safety latch. A knob on the back of the unit is used to activate the special lamp holder. The lamp holder clamps around the pins of the lamp, keeping it securely in place when the light unit is tilted. All Renoir models are supplied with a wire mesh safety screen, an A/C power cord with an Edison plug, and a yoke which has a 1½ male pin for stand-mounting or hanging. Lamps must be purchased separately. (Safety note: When hanging overhead lights, always use a safety cable to prevent the light from falling.)

**FEATURES**

- Lightweight stainless steel housing
- Heavy duty tubular yoke holds fixture ridged in any position
- Powdercoat epoxy finish
- Knob for bulb locking and unlocking for ease of replacement with safety cover
- Special ventilation system allows the burning of the luminaire in any position
- Stainless steel wire guard
- Integral barndoor holder with safety latch.

**SPECIFICATIONS**

- **Weight:**
  - Stand Model: 31 lbs. (14.1kg)
  - Hanging Model: 28 lbs. (12.7kg)

- **Dimensions:**
  - 13 x 27 x 17˝ (WHD) (330 x 686 x 432mm)

**ACCESSORIES**

- Black Reflector Kit (2744100)
  - Item # DEBRKGR5K ........... 97.50
- Diffusion Glass (2745100)
  - Item # DEDGGR5K ........... 74.95
- 8-Leaf Barndoor (2746200)
  - Item # DEBD8GR5K ........... 187.50
- Outrigger Color Frame (2747100)
  - Item # DECFGR5K ........... 119.95
- Outrigger Color Frame Mounting Kit (2747110)
  - Item # DEMKCFGR5K ........ 26.50
- Full Single Scrim (2749101)
  - Item # DESFSGR5K ........... 74.95
- Full Double Scrim (2749102)
  - Item # DESFDGR5K ........... 74.95
- Half Single Scrim (2749103)
  - Item # DESHSS5K ........... 74.95
- Half Double Scrim (2749104)
  - Item # DEHDS5K ........... 74.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPY</td>
<td>120</td>
<td>5000</td>
<td>500</td>
<td>3200K</td>
<td>GBDPY</td>
<td>274.95</td>
</tr>
<tr>
<td>CP29</td>
<td>220/240</td>
<td>5000</td>
<td>500</td>
<td>3200K</td>
<td>ARLFSKX</td>
<td>197.95</td>
</tr>
</tbody>
</table>

**PHOTOGRAPHIC DATA**

**WITH DPY LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (Width x Height)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>30' (9.1m)</td>
<td>50.3 x 59' (15.3 x 18m)</td>
<td>63</td>
<td>678</td>
<td>5.6</td>
</tr>
<tr>
<td>40' (12.2m)</td>
<td>67.1 x 78.6' (20.5 x 24m)</td>
<td>35</td>
<td>377</td>
<td>4.5</td>
</tr>
<tr>
<td>50' (15.2m)</td>
<td>83.9 x 98.3' (25.6 x 30m)</td>
<td>23</td>
<td>247</td>
<td>2.85</td>
</tr>
<tr>
<td>60' (18.3m)</td>
<td>100.7 x 117.9' (30.7 x 35.9m)</td>
<td>16</td>
<td>172</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Perfect for use as an indirect light source. Due to its small size, Wyeth softlights are excellent choices for either studio or location work. They come with a white reflector which provides a soft, even light. A special matte aluminum reflector is available, which provides 30% more light output than the white reflector.

- Soft, even optics
- Standard white or aluminum reflector
- Hinged, drop down socket compartment for easy relamping
- Unique lamp socket venting system aids airflow for lamp longevity
- Stackable eggcrates for added control and flexibility
- Isolated, cool to the touch switch on the rear of the fixture

Lamps and accessories must be purchased separately.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Color Frame (3207100)</th>
<th>Item # DECFW1K</th>
<th>19.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>1˝ (2.5cm) Eggcrate (3206100)</td>
<td>Item # DEECW1K</td>
<td>69.95</td>
</tr>
<tr>
<td>Brass C-Clamp (91200)</td>
<td>Item # DECCW1K</td>
<td>29.95</td>
</tr>
<tr>
<td>Extruded Aluminum C-Clamp (91301)</td>
<td>Item # DECW1K</td>
<td>19.50</td>
</tr>
<tr>
<td>Mini Aluminum C-Clamp (91303)</td>
<td>Item # DECCG400W</td>
<td>11.95</td>
</tr>
<tr>
<td>Safety Cable (1800)</td>
<td>Item # DESCW1K</td>
<td>5.50</td>
</tr>
</tbody>
</table>

**WYETH 1000W QUARTZ SOFTLIGHT**

- Wyeth 1000W Softlight Stand-Mount Model (3200MP)
- A 5/8˝ adapter can be attached to any lightstand or mounting accessory with a 5/8˝ stud. A 15 (4.6m) A/C power cable is provided. The on/off switch is mounted on the rear of the housing.
- Item # DEW1KS..............329.95

**FEATURES**

- Ventilated steel housing
- Tubular steel yoke
- Stackable egg crates
- Color frame positioning both in front and behind egg crates
- Interchangeable reflectors
- Hinged lamp access compartment

**SPECIFICATIONS**

- Cable: 6˝ (1.8m)
- Weight: 10 lbs. (4.5kg)
- Dimensions: 7 x 13 x 12˝ (LHW) (178 x 330 x 305mm)

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHZ</td>
<td>120</td>
<td>300</td>
<td>2000</td>
<td>3000K</td>
<td>GBEHZ</td>
<td>9.49</td>
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<tr>
<td>BHM</td>
<td>120</td>
<td>300</td>
<td>2000</td>
<td>2950K</td>
<td>GBHM</td>
<td>3.95</td>
</tr>
<tr>
<td>FDN</td>
<td>120</td>
<td>500</td>
<td>400</td>
<td>3200K</td>
<td>GBFDN</td>
<td>13.95</td>
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<tr>
<td>FDF</td>
<td>120</td>
<td>500</td>
<td>400</td>
<td>3200K</td>
<td>GBFDF</td>
<td>18.95</td>
</tr>
<tr>
<td>BMD</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200K</td>
<td>GBBD</td>
<td>17.95</td>
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<tr>
<td>BJG</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200K</td>
<td>GBJG</td>
<td>22.95</td>
</tr>
<tr>
<td>FHM</td>
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<td>3200K</td>
<td>GBFM</td>
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</tr>
<tr>
<td>FCM</td>
<td>120</td>
<td>1000</td>
<td>300</td>
<td>3200K</td>
<td>GBFM</td>
<td>12.95</td>
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<tr>
<td>EMF</td>
<td>220/240</td>
<td>800</td>
<td>250</td>
<td>3200K</td>
<td>GBEMF</td>
<td>18.95</td>
</tr>
<tr>
<td>BMF</td>
<td>240</td>
<td>800</td>
<td>250</td>
<td>3200K</td>
<td>GBEMF</td>
<td>17.95</td>
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</table>

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance (feet)</th>
<th>Beam Diameter (Width x Height)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>13.2 x 10.9˝ (4.0 x 3.3m)</td>
<td>60</td>
<td>646</td>
<td>5.6</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>26.5 x 21.7˝ (8.1 x 6.6m)</td>
<td>17</td>
<td>183</td>
<td>2.8</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>39.7 x 32.6˝ (12.1 x 9.9m)</td>
<td>7</td>
<td>75</td>
<td>2</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>53 x 43.4˝ (16.2 x 13.2m)</td>
<td>4</td>
<td>43</td>
<td>1.4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Wyeth softlights feature rugged steel housing, interchangeable reflectors, an easy access hinged lamp compartment, A/C power cable and plug. Wyeth softlights accept both eggcrates and gel frames. Eggcrates are stackable for added control and allow a gel frame to be placed in front and behind the eggcrate.

- Soft, even optics
- Standard white or aluminum reflector
- Hinged, drop down socket compartment for easy relamping
- Unique lamp socket venting system aids airflow for lamp longevity
- Stackable eggcrates for added control and flexibility
- Isolated, cool to the touch switch on the rear of the fixture.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHZ</td>
<td>120</td>
<td>300</td>
<td>2000</td>
<td>3000K</td>
<td>GBHZ</td>
<td>9.49</td>
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<tr>
<td>EHM</td>
<td>120</td>
<td>300</td>
<td>2000</td>
<td>2950K</td>
<td>GBHIM</td>
<td>3.95</td>
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<tr>
<td>FDN</td>
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<td>500</td>
<td>400</td>
<td>3200K</td>
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<td>400</td>
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<td>GBFDF</td>
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<tr>
<td>EMD</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200K</td>
<td>GBEMP</td>
<td>18.95</td>
</tr>
<tr>
<td>EJG</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200K</td>
<td>GBJEJ</td>
<td>22.95</td>
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<tr>
<td>FHM</td>
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<td>1000</td>
<td>300</td>
<td>3200K</td>
<td>GBFHM</td>
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<tr>
<td>FOM</td>
<td>120</td>
<td>1000</td>
<td>300</td>
<td>3200K</td>
<td>GBFOM</td>
<td>18.95</td>
</tr>
<tr>
<td>EMF</td>
<td>220/240</td>
<td>800</td>
<td>250</td>
<td>3200K</td>
<td>GBEMF</td>
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<tr>
<td>EMB/EJB</td>
<td>240</td>
<td>800</td>
<td>250</td>
<td>3200K</td>
<td>GBEME</td>
<td>17.95</td>
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**PHOTO METRICS WITH 2000W LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (Width x Height)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>14 x 13’ (4.3 x 4m)</td>
<td>109</td>
<td>1173</td>
<td>8</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>28 x 26’ (8.5 x 7.9m)</td>
<td>27</td>
<td>291</td>
<td>4</td>
</tr>
<tr>
<td>30' (9.1m)</td>
<td>42 x 39’ (12.8 x 11.9m)</td>
<td>12</td>
<td>129</td>
<td>2.5</td>
</tr>
<tr>
<td>40' (12.2m)</td>
<td>56 x 52’ (17.1 x 15.8m)</td>
<td>7</td>
<td>75</td>
<td>2</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Similar to the Wyeth in characteristics and lamps used, Botticelli softlights are traditional softlights offering a very soft and efficient output. The larger profile allows for an even light distribution over a larger area. They are ideal for location and larger studio applications.

- Soft, even optics
- Standard white or aluminum reflector
- Hinged, drop down socket compartment for easy relamping
- Unique lamp socket venting system aids airflow for lamp longevity
- Stackable eggcrates for added control and flexibility
- Isolated, cool to the touch switch on the rear of the fixture

**SPECIFICATIONS**

**Cable:**
- 12´ (3.7m)

**Weight:**
- 15 lbs. (6.8kg)

**Dimensions:**
- 10 x 21 x 15˝ (LHW) (254 x 533 x 381mm)

**FEATURES**

- Ventilated steel housing
- Tubular steel yoke
- Color frame positioning both in front and behind egg crates
- Interchangeable reflectors
- Hinged lamp access compartment.

**ACCESSORIES**

- Color Frame (3107100)
  Item # DECFB1K ............. 26.95
- 1˝ (2.5cm) Eggcrate (3106100)
  Item # DEEC1B1K ............. 74.95
- 2˝ (5.1cm) Eggcrate (3106200)
  Item # DEEC2B1K ............. 82.50
- Brass C-Clamp (91200)
  Item # DECH2K ............. 29.95
- Safety Clamp (1800)
  Item # DESC1B1K ............. 5.50

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHZ</td>
<td>120</td>
<td>300</td>
<td>2000</td>
<td>3000K</td>
<td>GBEHZ</td>
<td>9.49</td>
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<tr>
<td>EHM</td>
<td>120</td>
<td>300</td>
<td>2000</td>
<td>2950K</td>
<td>GBEHM</td>
<td>3.95</td>
</tr>
<tr>
<td>FDN</td>
<td>120</td>
<td>500</td>
<td>400</td>
<td>3200K</td>
<td>GBFDN</td>
<td>13.95</td>
</tr>
<tr>
<td>FDF</td>
<td>120</td>
<td>500</td>
<td>400</td>
<td>3200K</td>
<td>GBDFD</td>
<td>18.95</td>
</tr>
<tr>
<td>EMD</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200K</td>
<td>GBEMD</td>
<td>17.95</td>
</tr>
<tr>
<td>EJG</td>
<td>120</td>
<td>750</td>
<td>400</td>
<td>3200K</td>
<td>GBEG</td>
<td>22.95</td>
</tr>
<tr>
<td>FHM</td>
<td>120</td>
<td>1000</td>
<td>300</td>
<td>3200K</td>
<td>GBFM</td>
<td>12.95</td>
</tr>
<tr>
<td>FCM</td>
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<td>300</td>
<td>3200K</td>
<td>GBFCM</td>
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</tr>
<tr>
<td>EMF</td>
<td>220/240</td>
<td>800</td>
<td>250</td>
<td>3200K</td>
<td>GBEMF</td>
<td>18.95</td>
</tr>
<tr>
<td>EME/ EJB</td>
<td>240</td>
<td>800</td>
<td>250</td>
<td>3200K</td>
<td>GBEME</td>
<td>17.95</td>
</tr>
</tbody>
</table>

**PHOTO METRICS**

**WITH FCM LAMP**

<table>
<thead>
<tr>
<th>Distance (ft/m)</th>
<th>Beam Diameter (Width x Height)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>13.7 x 15.6' (4.2 x 4.8m)</td>
<td>48</td>
<td>516</td>
<td>4.8</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>27.5 x 31.3' (8.4 x 9.5m)</td>
<td>12</td>
<td>129</td>
<td>2.5</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>41.2 x 46.9' (12.6 x 14.3m)</td>
<td>5</td>
<td>54</td>
<td>1.4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
BOTTICELLI 2000W QUARTZ SOFTLIGHT

Botticelli 2000W Softlight Stand-Mount Model (3111MP)
Works with two 1000 watt lamps. Can also accept 300, 500 and 750 watt lamps. Each lamp has a separate on/off switch, which is mounted in the rear of the housing, allowing the unit to be used as either a 1000 or 2000 watt fixture. A 1 1/8” pin adapter can be attached to any lightstand or mounting accessory with a 1 1/8” receiver. A 15” (4.6m) A/C power cable is provided.
Item # DEB2KS ............ 697.50
Lamps and accessories must be purchased separately.

Botticelli 2000W Softlight Hanging Model (3111ST)
With the same operational features as the stand-mounted model, this unit is provided with a 1 1/8” pin and C-clamp for hanging. Comes with a 15” (4.6m) A/C power cord.
Item # DEB2KH ............ 719.95

FEATURES
- Ventilated steel housing
- Tubular steel yoke
- Stackable egg crates
- Color frame positioning both in front and behind egg crates
- Interchangeable reflectors
- Hinged lamp access compartment

SPECIFICATIONS
- Cable: 6’ (1.8m)
- Weight: 38 lbs. (17.2kg)
- Dimensions: 12 x 27 x 25˝ (LWH) (305 x 686 x 635mm)

PHOTO METRICS WITH FCM LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (Width x Height)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>13.5 x 14.8’ (4.1 x 4.5m)</td>
<td>87</td>
<td>936</td>
<td>5.65</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>27 x 29.6’ (8.2 x 9.0m)</td>
<td>22</td>
<td>237</td>
<td>2.85</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>40.5 x 44.4’ (12.3 x 13.5m)</td>
<td>10</td>
<td>108</td>
<td>2.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>54 x 59.2’ (16.5 x 18m)</td>
<td>5</td>
<td>54</td>
<td>1.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
BOTTICELLI 4000W QUARTZ SOFTLIGHT

Botticelli 4000W Stand-Mount Softlight (3121MP)
Softlight, for lamp length 118mm, white paint reflectors, 15' power cable, four 10A toggle switches and manual operated yoke.
Item # DEB4KS ........................................ 1169.95

Botticelli 4000W Hanging Softlight (3121ST)
With the same operational features as the stand-mounted model, this unit is provided with a 1½” pin and C-clamp for hanging. Comes with a 15” (4.6m) A/C power cord.
Item # DEB4KH ........................................ 1184.95

Botticelli 4000W Pole-Operated Softlight (3123POST)
Using the same lamps and mounting devices as the stand model, the pan and tilt can be adjusted from below by way of special pole. Comes with a C-clamp, 10’ (3m) A/C power cord.
Item # DEB4KP ........................................ 1274.95

Botticelli 4000W Stand-Mount Softlight (3121MP)
Softlight, for lamp length 118mm, white paint reflectors, 15’ power cable, four 10A toggle switches and manual operated yoke.
Item # DEB4KS ........................................ 1169.95

Lamps and accessories must be purchased separately.

FEATURES
- Ventilated steel housing
- Tubular steel yoke
- Stackable egg crates
- Color frame positioning both in front and behind egg crates
- Interchangeable reflectors
- Hinged lamp access compartment.

SPECIFICATIONS
- Cable: 15’ (4.6m)
- Weight: 15 lbs. (6.8kg)
- Dimensions: 10 x 21 x 15” (LHW) (254 x 533 x 381mm)

ACCESSORIES
- Color Frame (3127100)
  Item # DECFB4K .......... 29.95
  1” (2.5cm) Eggcrate (3126100)
  Item # DEEC1B4K .......... 97.50
  2” (5.1cm) Eggcrate (3126200)
  Item # DEEC2B4K .......... 104.95
- Brass C-Clamp (91200)
  Item # DECCHW2K .......... 29.95
- Safety Clamp (1800)
  Item # DESCB4K .......... 5.50

PHOTOMETRICS

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (Width x Height)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>14.5 x 19.9” (4.4 x 4.8m)</td>
<td>175</td>
<td>1883</td>
<td>11</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>29.1 x 31.8” (8.9 x 9.7m)</td>
<td>44</td>
<td>473</td>
<td>4.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>43.6 x 47.7” (13.3 x 14.5m)</td>
<td>19</td>
<td>204</td>
<td>2.8</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>58.1 x 63.6” (17.7 x 19.4m)</td>
<td>11</td>
<td>118</td>
<td>2.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Pinza is an open-faced light with a built-in reflector and a lamp holder. A spring-loaded grip with rubber feet, which is attached to the light unit by a flexible arc, allows easy positioning of the light unit. The built-in grip mounts to almost any surface, flat or round. Uses medium based screw lamps of 250 or 500 watts. An accessory holder is required to mount all accessories. Available accessories include barndoor sets, snoots, scrims and a dichroic filter. Lamps must be purchased separately.

**Features**
- Compact work light
- Alligator grip mounts to all surfaces
- Full line of accessories

**Specifications**
- **Cable:** 12’ (3.7m)
- **Weight:** 3 lbs. (1.4kg)
- **Dimensions:** 7 x 9 x 7˝ (LWH) (178 x 229 x 178mm)

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECA</td>
<td>120</td>
<td>250</td>
<td>60</td>
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<td>120</td>
<td>500</td>
<td>60</td>
<td>3200K</td>
<td>GBECT</td>
<td>3.99</td>
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</tbody>
</table>

**Photometrics with ECT Lamp**

**Flood**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (in)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 (1.5m)</td>
<td>6.5 (2m)</td>
<td>125</td>
<td>1346</td>
<td>8</td>
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<tr>
<td>10 (3m)</td>
<td>13 (4m)</td>
<td>31</td>
<td>398</td>
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<tr>
<td>15 (4.6m)</td>
<td>19.5 (6m)</td>
<td>314</td>
<td>150</td>
<td>2¹⁄₂</td>
</tr>
<tr>
<td>20 (6.1m)</td>
<td>26 (7.9m)</td>
<td>8</td>
<td>86</td>
<td>2</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Cosmobeam is a focusable open-faced light. Upon focusing, the light beam angle changes from wide (flood) to tight (spot). Uses double ended tungsten-halogen lamps. The Cosmobeam accepts 300, 375, 400, 600 and 650 watt 110v lamps. The attached 12´ (3.7m) power cable has an in-line on/off switch. Mounts on any lightstand or mounting accessory with a 5/8˝ male stud. Accessory holder is required for mounting all accessories, except the barn-doors. Accessories include barndoor sets, snoots, scrims, light banks and a dichroic filter. Available in kits. Lamps must be purchased separately.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>DWZ</td>
<td>120</td>
<td>375</td>
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<td>FDA</td>
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<tr>
<td>FCB</td>
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<td>75</td>
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<td>650</td>
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<td>3400K</td>
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<td>22.95</td>
</tr>
<tr>
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<td>650</td>
<td>100</td>
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<td>GBDWY</td>
<td>18.50</td>
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<td>GBFBX</td>
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<tr>
<td>FAD</td>
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<td>650</td>
<td>100</td>
<td>3200K</td>
<td>GBFAD</td>
<td>14.95</td>
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**PHOTO METRICS WITH FAD LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>4.9' (1.2m)</td>
<td>281</td>
<td>3024</td>
<td>11.5</td>
</tr>
<tr>
<td>10' (3m)</td>
<td>9.9' (3.0m)</td>
<td>70</td>
<td>755</td>
<td>5.6%</td>
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<tr>
<td>15' (4.6m)</td>
<td>14.8' (4.5m)</td>
<td>31</td>
<td>335</td>
<td>4</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>17.7' (5.4m)</td>
<td>18</td>
<td>189</td>
<td>2.8%</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>2' (61cm)</td>
<td>1408</td>
<td>15,150</td>
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<tr>
<td>10' (3m)</td>
<td>4' (122cm)</td>
<td>352</td>
<td>3783</td>
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<td>15' (4.6m)</td>
<td>6' (183cm)</td>
<td>156</td>
<td>1679</td>
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<td>20' (6.1m)</td>
<td>8' (244cm)</td>
<td>88</td>
<td>947</td>
<td>5.6%</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Cosmobeam is a focusable open-faced light. Upon focusing, the light beam angle changes from wide (flood) to tight (spot). Uses double ended tungsten-halogen lamps. The Cosmobeam accepts 300, 375, 400, 600, 650 and 1000 watt 110v lamps. It will also accept 800 and 1000 watt 220v lamps. The attached 12’ (3.7m) power cable has an in-line on/off switch. Mounts on any light-stand or mounting accessory with a 5/8˝ male stud. Accessory holder is required for mounting all accessories, except the barndoors. Accessories include barndoors sets, snoots, scrims, light banks and a dichroic filter. Available in kits and will accept all manufacturer’s light banks. Lamps must be purchased separately.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
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<td>DWZ</td>
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<td>2950K</td>
<td>GBDWZ</td>
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<td>GBFDA</td>
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<tr>
<td>FCB</td>
<td>120</td>
<td>600</td>
<td>75</td>
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<td>GBFCB</td>
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<td>FCA</td>
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<td>650</td>
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<td>22.95</td>
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<tr>
<td>DWY</td>
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<td>650</td>
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<tr>
<td>FAD</td>
<td>120</td>
<td>650</td>
<td>100</td>
<td>3200K</td>
<td>GBFAD</td>
<td>14.95</td>
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<tr>
<td>DXW</td>
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<td>1000</td>
<td>150</td>
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<td>GBDXW</td>
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<tr>
<td>DXX</td>
<td>240</td>
<td>800</td>
<td>50</td>
<td>3200K</td>
<td>GBDDX</td>
<td>18.95</td>
</tr>
<tr>
<td>P2/35</td>
<td>220/240</td>
<td>1000</td>
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**PHOTO-METRICS WITH 1000W LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>5.9’ (1.8m)</td>
<td>428</td>
<td>4605</td>
<td>11.6</td>
</tr>
<tr>
<td>10’ (3m)</td>
<td>11.9’ (3.6m)</td>
<td>107</td>
<td>1151</td>
<td>8</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>17.8’ (5.4m)</td>
<td>48</td>
<td>516</td>
<td>4.6</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>23.8’ (7.3m)</td>
<td>27</td>
<td>288</td>
<td>4</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>2.8’ (0.9m)</td>
<td>1379</td>
<td>14,838</td>
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<tr>
<td>10’ (3m)</td>
<td>5.6’ (1.7m)</td>
<td>345</td>
<td>3712</td>
<td>11.5</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>8.5’ (2.6m)</td>
<td>153</td>
<td>1646</td>
<td>8.5</td>
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<tr>
<td>20’ (6.1m)</td>
<td>11.3’ (3.4m)</td>
<td>86</td>
<td>925</td>
<td>5.6</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Cosmobeam is a focusable open-faced light. Upon focusing, the light beam angle changes from wide (flood) to tight (spot). It uses double ended tungsten-halogen lamps. The Cosmobeam accepts 300, 375, 400, 600, 650 and 1000 watt 110v lamps. It will also accept 2000 watt 240v lamps. The attached 12' (3.7m) power cable has an in-line on/off switch. Mounts on any lightstand or mounting accessory with a 5/8” male stud. Accessory holder is required for mounting all accessories, except the barndoors. Accessories include barndoor sets, snoots, scrims, light banks and a dichroic filter. Available in kits and will accept all manufacturer’s light banks. Lamps must be purchased separately.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
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<tr>
<td>FEY</td>
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<td>400</td>
<td>3200K</td>
<td>GBFEY</td>
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</tr>
<tr>
<td>FEX</td>
<td>240</td>
<td>2000</td>
<td>300</td>
<td>3200K</td>
<td>GBFEX</td>
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**PHOTO METRICS WITH 2000W LAMP**

<table>
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<th>Distance</th>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>5.1’ (1.6m)</td>
<td>374</td>
<td>4024</td>
<td>22</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>10.2’ (3.1m)</td>
<td>94</td>
<td>1011</td>
<td>16</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>15.2’ (4.6m)</td>
<td>42</td>
<td>452</td>
<td>8.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>20.3’ (6.2m)</td>
<td>23</td>
<td>247</td>
<td>8</td>
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**PHOTO METRICS WITH 2000W LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>2.9’ (0.9m)</td>
<td>921</td>
<td>9930</td>
<td>22</td>
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<tr>
<td>20’ (6.1m)</td>
<td>5.8’ (1.8m)</td>
<td>230</td>
<td>2475</td>
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<td>30’ (9.1m)</td>
<td>8.7’ (2.7m)</td>
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<td>1098</td>
<td>5.65</td>
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<tr>
<td>40’ (12.2m)</td>
<td>11.6’ (3.5m)</td>
<td>58</td>
<td>624</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Cosmobroad is an open-faced light with a built-in reflector. An excellent broad light source, it can be used as a fill or wash light. Utilizes double ended tungsten-halogen lamps. Features a built-in 4-way barndoor. The Cosmo-broad accepts 300, 500, 750 and 1000 watt 110v lamps, and 800 watt 220/240v lamps. The attached 12’ (3.7m) power cable has an in-line on/off switch. The Minibroad mounts on any light-stand or mounting accessory with a 5/8” stud. Lamps must be purchased separately.

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>EHZ</td>
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<td>300w</td>
<td>2000</td>
<td>3000K</td>
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<tr>
<td>EHM</td>
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<td>300w</td>
<td>2000</td>
<td>2950K</td>
<td>GBHP</td>
<td>3.95</td>
</tr>
<tr>
<td>FDN</td>
<td>120v</td>
<td>500w</td>
<td>400</td>
<td>3200K</td>
<td>GBFAD</td>
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<tr>
<td>FDF</td>
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<td>500w</td>
<td>400</td>
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<td>GBFCB</td>
<td>18.95</td>
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<td>EMD</td>
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<td>750w</td>
<td>400</td>
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<td>GBFCA</td>
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<td>EJG</td>
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<td>750w</td>
<td>400</td>
<td>3200K</td>
<td>GBOWY</td>
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<td>300</td>
<td>3200K</td>
<td>GBFBX</td>
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<td>300</td>
<td>3200K</td>
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<td>800w</td>
<td>250</td>
<td>3200K</td>
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<td>18.95</td>
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<td>BME</td>
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<td>800w</td>
<td>250</td>
<td>3200K</td>
<td>GBEME</td>
<td>17.95</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS

- **Cable:** 12’ (3.7m)
- **Weight:** 4.5 lbs. (2kg)
- **Dimensions:** 7 x 9 x 11” (LHW) (178 x 229 x 279mm)

### FEATURES
- Open face light
- Wide field
- Economically priced
- Built-in 4-way barndoors

### ACCESSORIES

| Wireguard (RC111) | Item # DEWGCB1K | 18.95 |

### PHOTO METRICS WITH FCM LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (in.)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>6.2 x 5.1’ (1.9 x 1.6m)</td>
<td>428</td>
<td>4605</td>
<td>16</td>
</tr>
<tr>
<td>10’ (3m)</td>
<td>12.5 x 10.2’ (3.9 x 3.1m)</td>
<td>107</td>
<td>1151</td>
<td>8</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>18.7 x 15.3’ (5.7 x 4.7m)</td>
<td>48</td>
<td>516</td>
<td>4½</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>25 x 20.4’ (7.6 x 6.2cm)</td>
<td>27</td>
<td>288</td>
<td>4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

### KITS

De Sisti Lighting offers a wide variety of both standard and custom lighting kits (on request). These kits, made up of a combination of various lighting instruments, include fresnel spotlights, softlights, open-face Cosmobeamts, Cosmobroads, Sunguns and HMI’s. They also include a complete set of accessory equipment which allows the end user to cover a wide variety of lighting applications. Some of the kits were designed for specific applications in mind, such as indoor portable studios, ENG work, industrials, documentaries or still photography. Each kit includes barndoor, stands, accessory holder for the varibeams, carrying case, color frame for the fresnels, scrims, electronic ballasts, battery and battery accessories for the HMI’s.

- **3 X Cosmobeam 1000W Kit (DLK3100AA)**
  Consists of:
  - 3- Cosmobeam 1000W, Focusable Open Face
  - 3- Accessory Holders
  - 3- Barndoors with wireguards
  - 1- Four Piece Scrim Set
  - 3- Stands
  - 1- ABS Compact case with recessed wheels
  Item # DEDLK3100 .......................1279.95

- **3 X Cosmobeam 1000W Basic Kit (DLK3100AF)**
  Consists of:
  - 3- Cosmobeam 1000W, Focusable Open Face
  - 3- Accessory Holders
  - 3- Barndoors with wireguards
  - 1- Four Piece Scrim Set
  - 3- Stands
  - 1- Compact Flight Case, No wheels
  Item # DEDLK3100AF .....................1159.95

- **4 X Cosmobeam 1000W Basic Kit (DLK4100AF)**
  Consists of:
  - 4- Cosmobeam 1000W, Focusable Open Face
  - 4- Accessory Holders
  - 4- Barndoors with wireguards
  - 1- Four Piece Scrim Set
  - 4- Stands
  - 1- Compact Flight Case, No wheels
  Item # DEDLK4100L ...................1717.50
KITS

3 X Magis 300/500/650W
Fresnel Kit (LKF1)
Consists of:
- 3- Magis 300/500/650W Stainless Fresnel
- 3- Four Leaf Barndoors
- 3- Color Frames
- 3- Stainless Steel scrim Sets
- 3- Kit Stands,
1- Case, Compact case with recessed wheels
Item # DELKF1 .............. 1638.95

3 X Magis 300/500/650W
Fresnel Lightbank Kit (LKF1S)
Consists of:
- 3- Magis 300/500/650W Stainless Fresnel
- 1- Chimera Speedring
- 1- Chimera Video Pro Bank, Small
- 3- Four Leaf Barndoors
- 3- Color Frames
- 3- Kit Stands
1- Case, Compact case with recessed wheels
Item # DELKF1S ............ 1788.95

4 X Magis 300/500/650W
Fresnel Kit (LKF2)
Consists of:
- 4- 300/500/650W Stainless Steel Fresnel
- 4- Four Leaf Barndoors
- 4- Color Frames
- 4- Stainless Steel scrim Sets
- 4- Kit Stands,
1- Case, Compact case with recessed wheels
Item # DELKF2 .............. 2122.50

2 Magis & 1 Wyeth Softlight Kit (LKF3)
Consists of:
- 2- Magis 300/500/650W Stainless Steel Fresnel
- 2- Four Leaf Barndoors
- 2- Color Frames
- 2- Stainless Steel scrim Sets
- 1- Wyeth 1000 Compact Softlight
1- Color Frame
3- Kit Stands
1- Case, Compact case with recessed wheels
Item # DELKF3 .............. 1788.95

4 X Cosmobeam 650W
CosmoBeam Basic Kit (DLK480AF)
Consists of:
- 4- Cosmobeam 650W Open Face
- 4- Accessory Holders
- 4- Barndoors with wireguards
- 1- Four Piece Scrim Set
4- Stands
1- Compact Flight Case, No wheels
Item # DEDLK480AF ....... 1718.95

3 X 650W Cosmobeam Kit (DLK3801AA)
Consists of:
- 3- Cosmobeam 650W Focusable Open Face
- 3- Accessory Holders
- 3- Barndoors with wireguards
- 1- Four Piece Scrim Set
3- Stands
1- ABS Case Compact case with recessed wheels
Item # DEDLK380 ........... 1329.95

X 650W Basic Kit (DLK3801AF)
Consists of:
- 3- Cosmobeam 650W Focusable Open Face
- 3- Accessory Holders
- 3- Barndoors with wireguards
- 1- Four Piece Scrim Set
3- Stands
1- Compact Flight Case, No wheels
Item # DEDLK380L ........ 1248.95

X Magis & 1 De Lux 2 Light X 5W Fluorescent Kit (LKF4)
Consists of:
- 2- Magis 300/500/650W Stainless Steel Fresnel
- 2- Four Leaf Barndoors
- 2- Color Frames
- 2- Stainless Steel scrim Sets
- 1- DeLux 120V 2x55W Light
1- Eggcrate for Delux unit
1- 1/4˝ black honeycomb
1- Color Frame for Delux unit
3- Kit Stands
1- Compact case with recessed wheels
Item # DELKF4 .............. 1934.95

3 Magis & 1 Cosmobeam 650W or 1000W Combo Light Bank Kit (LKF6S)
Consists of:
- 3- Magis 300/500/650W Stainless Steel Fresnel
- 3- Four Leaf Barndoors
- 3- Color Frames
- 3- Stainless Steel scrim Sets
- 1- Cosmobeam 650W or 1000W Focusable Open Face
- 1- Accessory Holders
1- Barndoors with wireguards
1- Four Piece Scrim Set
1- ABS Case Compact case with recessed wheels
Item # DEDLK6S .......... 1999.95

2 Magis & 1 De Lux 2 Light X 5W Fluorescent Kit (LKF5)
Consists of:
- 2- Magis 300/500/650W Stainless Steel Fresnel
- 2- Four Leaf Barndoors
- 2- Color Frames
- 2- Stainless Steel scrim Sets
- 2- Cosmobeam 650W or 1000W Focusable Open Face
- 2- Accessory Holders
- 2- Barndoors with wireguards
1- Four Piece Scrim Set
2- Stands
1- ABS Case Compact case with recessed wheels
Item # DEDLK5 ............. 2024.95

2 Magis & 2 Cosmobeam 650W or 1000W Combo Light Bank Kit (LKF5S)
Consists of:
- 2- Magis 300/500/650W Stainless Steel Fresnel
- 2- Four Leaf Barndoors
- 2- Color Frames
- 2- Stainless Steel scrim Sets
- 2- Cosmobeam 650W or 1000W Focusable Open Face
- 1- Accessory Holders
1- Barndoors with wireguards
1- Four Piece Scrim Set
1- ABS Case Compact case with recessed wheels
Item # DEDLK5S ........... 2057.50

2 Magis & 1 Cosmobeam 650W or 1000W Combo Light Bank Kit (LKF5S)
Consists of:
- 2- Magis 300/500/650W Stainless Steel Fresnel
- 2- Four Leaf Barndoors
- 2- Color Frames
- 2- Stainless Steel scrim Sets
- 1- Cosmobeam 650W or 1000W Focusable Open Face
- 1- Accessory Holders
1- Barndoors with wireguards
1- Four Piece Scrim Set
1- ABS Case Compact case with recessed wheels
Item # DEDLK5SS ....... 2024.95
The Elinchrom Scanlite Digital 1000 is a tungsten hotlight, offering a high output and cost effective solution of continuous lighting for video, still and digital photography. Together with a 1000 watt FEL tungsten halogen lamp, the Scanlite Digital 1000 utilizes the Elinchrom bayonet accessory mount. This makes it compatible with an extensive line of Elinchrom light modifiers, including most softboxes, reflectors and grids. Lower light output can be achieved without altering the 3200K color temperature using lower wattage bulbs with the same Kelvin rating. Strong and lightweight, the Scanlite Digital 1000 features a low noise cooling fan, thermal cutout switch and pyrex dome. Also includes a heavy-duty line switch installed on the power cord ten feet from the Scanlite head. This line switch controls only the lamp, conveniently leaving the fan operating for proper cool-down. Available with frosted dome for exceptionally even light with reflectors, or with clear dome for more brightness with softboxes.

### Lamp Specifications

- **Bulb**: FEL
- **Voltage**: 120 V
- **Watts**: 1000
- **Life Hours**: 300
- **Color Temp**: 3200°K
- **Item #:** GBFEL
- **Price**: 20.95

- **Bulb**: EHF
- **Voltage**: 120 V
- **Watts**: 750
- **Life Hours**: 300
- **Color Temp**: 3200°K
- **Item #:** GBEHF
- **Price**: 29.95

- **Bulb**: EHC
- **Voltage**: 120 V
- **Watts**: 500
- **Life Hours**: 300
- **Color Temp**: 3200°K
- **Item #:** GBEHC
- **Price**: 29.95

### Photometrics with FEL Lamp

**Flood**

<table>
<thead>
<tr>
<th>Distance (m)</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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<tbody>
<tr>
<td>5' (1.5m)</td>
<td>40°</td>
<td>1115</td>
<td>12,000</td>
<td>22</td>
</tr>
<tr>
<td>10' (3m)</td>
<td>40°</td>
<td>279</td>
<td>3000</td>
<td>11</td>
</tr>
<tr>
<td>15' (4.6m)</td>
<td>40°</td>
<td>139</td>
<td>1500</td>
<td>8</td>
</tr>
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</table>

### Lighting Q&A

**Can you learn about lighting from television or movies?**

You can study how television newscasters are lighted on the major networks – very much like in the portraits in this book, they are well backlit, the spotlight is on them, the hair is lit, and there is reflected light for shadow fill. You can see what kind of lighting they use in commercials, and notice how they match indoor and outdoor lighting for spots using various locations. You can learn by watching. Best of all, watch old films—they spent time lighting the films and achieved beautiful effects. Another good way to study lighting is to take time to analyze the lighting in good magazine illustrations. Becoming a good photographer is a matter of training the eye to see. Don’t take all the lighting illustrations around you for granted—you can learn from them.

**What is the best way to handle lighting for an executive portrait?**

If you want to bring lighting equipment, try a two-light setup. Bring two spots, and use one as backlight, one as frontal light. Put a white card on the desk to use as a reflector, as long as it doesn’t show in the finished picture. Take plenty of extension cords, and be careful not to overload the electrical circuits. You don’t need hot back lighting in these situations; a small, 150-watt flood will suffice. Sometimes I take two umbrellas and two strobe units on location. For a number of executives in the same location, try to find a room you can use as a temporary studio, so you can set up your lights and get consistent portraits. Again, two lights will be enough—one for the background and hair, and one in the front.

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These revolutionary new softboxes feature the “Rotalux” rotating speedring mount for exact angle positioning, spring-loaded self-locking struts for fast, easy set-up and durable snap fasteners to quickly attach the inner diffuser. Edge-to-edge front diffusers allow any of the softboxes to be banked together, creating custom shapes or larger sizes on demand. The geometrics of the Rotalux softboxes are precisely engineered to the focal length and light pattern unique to all Elinchrom flash heads. This feature, along with the “double diffusion” design ensures the exceptional evenness and softness Elinchrom softboxes are famous for. Additionally, all units can be used with or without either of the two diffusers to further control the specular quality of light.

### Rotalux Softboxes

<table>
<thead>
<tr>
<th>Size</th>
<th>Style</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>27” x 27”</td>
<td>Rotalux Softbox</td>
<td>26178</td>
<td>$157.50</td>
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<tr>
<td>39” x 39”</td>
<td>Rotalux Softbox</td>
<td>26179</td>
<td>$209.95</td>
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</tbody>
</table>

**Round Diffuser** (26238)
- Round diffuser for 27” x 27” softbox.
  - Item # ELSB2727Q...........$129.95

**Square 27 x 27˝**
- Item # ELSB2727...........$129.95

**Octagonal**
- Item # ELLBM 039...........$185.95
- Item # ELLBM 053...........$229.00

**Rectangular**
- Item # ELLBM R1435...........$154.95
- Item # ELSM 635...........$22.95
- Item # ELSM 651...........$67.95
- Item # ELSM 1051...........$66.95

### Maxisoft and Minisoft Reflectors

Parabolic “Pan” reflector with adjustable deflector shield for eliminating specular light from flashtube, and redirecting it back into reflector. Ideal for portrait and commercial photography where broad, soft, even lighting is required, but has more crispness than a softbox. Includes a silver deflector for neutral color balance, and a gold deflector for a warming effect. Available in silver for maximum brightness, or white for more softness. An optional stretch-fit white nylon diffuser is also available for maximum softness.

<table>
<thead>
<tr>
<th>Size</th>
<th>Style</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>27˝ Silver Maxisoft</td>
<td>26167</td>
<td>Item # ELR27...........$229.95</td>
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<tr>
<td>17˝ Silver Minisoft</td>
<td>26166</td>
<td>Item # ELM S17...........$136.95</td>
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<td>27˝ White Maxisoft</td>
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<td>17˝ White Minisoft</td>
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<td>Item # ELM R17W...........$123.95</td>
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<tr>
<td>27˝ Stretch-Fit White Diffuser</td>
<td>26235</td>
<td>Item # ELDR27...........$39.95</td>
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<tr>
<td>17˝ Stretch-Fit White Diffuser</td>
<td>26232</td>
<td>Item # ELD R17...........$22.95</td>
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</table>

**Silver & Gold Deflector Set** (Repl.)
- Item # ELD SR 27...........$59.50
- Item # ELD SM SR...........$47.50
Elinchrom offers an extensive system of versatile, efficient reflectors for every lighting application. Each reflector is precisely designed to match the optical characteristics of Elinchrom heads, ensuring the clean, even light coverage Elinchrom is famous for. Reflectors are compatible with compacts, standard pack heads, Scanlite and HMI. A patented, durable bayonet locking system provides positive instant mounting. Regardless of your photographic specialty, there’s an Elinchrom reflector to help you realize your creative vision.

### 6½” 90° Umbrella Reflector (26143)
Gives wide, even umbrella coverage (no center hot spot), even at close flash tube-to-umbrella distance. Supplied with all location outfits.
Item # ELR6 .................. $43.95

### 7” 60° Grid Reflector (26144)
For use with existing 7” circular honeycomb grids from Elinchrom and various other manufacturers.
Item # ELR7 .................. $34.95

### 8½” 50° Standard Reflector (26141)
Elinchrom’s most popular, general purpose reflector. It’s used with the accessory holder to accommodate gels, barndoors and honeycomb grids.
Item # ELR8 .................. $49.95

### 9½” 135° Wide Angle Reflector (26164)
Exceptionally even 135° wide angle coverage.
Item # ELR9.5 ................. $42.95

### Background Reflector (26165)
Designed to be used low and behind a portrait subject, casts a graduated oval pattern on the background. Can also be used for backlighting a subject.
Item # ELRGB ................. $79.50

### 10½” 48° High Performance Reflector (26137)
Produces a concentrated beam of light for maximum light intensity. Ideal for sports photography and bounce applications.
Item # ELR10 ................. $84.50

### 15½” Maxi Lite Reflector 43° (26147)
Ideal for sunlight effects through windows, creates hard brilliant highlights.
Item # EMLR ................ $92.50

### 15½” Maxi Spot Reflector 29° (26149)
The same shape as the Maxi Lite reflector, but produced with brilliant finish for very high efficiency. Throws light even over longest distances. A narrow powerful beam that creates deep, sharp shadows.
Item # ELMSPR ............... $79.50

### 17½” 80° Square Reflector (26146)
This is Elinchrom’s most versatile reflector. It includes a diffuser and honeycomb grid and is really three reflectors in one. Without the diffuser and honeycomb, it’s a soft, 80° wide angle reflector with a specular center. Add the diffuser and you have something between an umbrella and a softbox; more controllable than an umbrella, but crisper than a softbox. Use the honeycomb grid, and you create a very directional 32° soft light with many applications for portraiture and still life photography.
Item # ELRS17 ............... $289.95

### Snoot Reflector (26425)
Provides a directional, narrow circle of light for controlled accenting.
Item # ELS ................. $49.95

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[www.bhphotovideo.com](http://www.bhphotovideo.com)
ACCESSORIES/BARndoORS/GRIDS

All Elinchrom barndoors are hinged and have a heat resistant, non reflective black finish. They can be fitted to the side of an Accessory Holder (26034 or 26035), the R heads, Box Lite, the Square Reflector and the S35 Spotlite. They are available in 3 sizes.

**8 1/4˝ Barndoor Set (26039)**
Consists of 5 sets of different sized barndoors (4-black and 1-silver) and an Accessory Holder (26034).
Item # ELBDS8.25 .......... 133.95

**10 1/4˝ Barndoor Set (26040)**
Consists of 3 pairs of barndoors: 2 sets of 10 1/4˝x 6 1/3˝ black and 1 Tapered Set. Supplied with Accessory Holder (26035).
Item # ELBDS10.25 .......... 143.95

**8 1/4˝ Single Barndoor (26009)**
Single leaf (10 1/4˝x 6 1/4˝) barn-door.
Item # ELBD 18.25 .......... 26.50

**17 3/8˝ Single Barndoor (26100)**
Single leaf (1 7/8˝x 1 3/4˝).
Item # ELBD 1738 .......... 36.95

**8 1/4˝ Honeycomb Grid (26031)**
Used most often in still life studios. Excellent for highlighting.
Item # ELG8 ................. 76.95

**8 1/4˝ 8° Honeycomb Grid (26030)**
This is Elinchrom’s best selling grid. It has many uses, most often in portraiture as a hair light. In still life it can be used to give small areas a more controlled light.
Item # ELG128.25 .......... 47.95

**17 3/8˝ x 10˝ 2 Barndoor Set**
(two individual leaves) (26045)
Fits 17 3/8˝ reflector (26146).
Item # ELBD 21738 .......... 228.50

**7˝ Honeycomb Grid Set**
Includes 7˝ reflector (26144), Gel Holder (26132), 12° Grid (26102), 20° Grid (26101) and 30° Grid (26100).
Item # ELRG570 .............. 147.95

**7˝ Filter Holder (26132)**
Fits 7˝ Reflectors.
Item # ELFH7 ................. 9.95

**8˝ 8˝ Honeycomb Grid (26031)**
Used most often in still life studios. Excellent for highlighting.
Item # ELG88.25Q ........... 76.95

**8˝ 12˝ Honeycomb Grid (26030)**
Includes 8˝ reflector (26145), Gel Holder (26133), 12° Grid (26103), 20° Grid (26101) and 30° Grid (26100).
Item # ELRG570 .............. 147.95

**8˝ 20˝ Honeycomb Grid (26029)**
This gives an angle of coverage of 32° and can be used in portraiture to light a background or for edge lighting.
Item # ELG128.25 .......... 47.95

These are used to create soft edged spots of light. They are very efficient in maintaining light output and have many applications. 8 1/4˝ and 10 1/4˝ reflectors require Accessory Holder (26034) or (26035).

**8 1/4˝ 30° Honeycomb Grid (26028)**
Item # ELG308.25 .......... 32.95

**8 1/4˝ Honeycomb Grid Set (26025)**
Consists of:
Accessory Holder (26036),
12° Honeycomb Grid (26030),
20° Honeycomb Grid (26029),
and 30° Honeycomb Grid (26028).
Item # ELRG58.25 .......... 249.95

**10 1/4˝ 20° Honeycomb Grid (26017)**
The only honeycomb grid available for the High Performance Reflector (26137). It can be used to reduce the angle of coverage of the reflector with a minimum loss of power.
Item # ELHG2010.25 .......... 97.95
CASES

Carrying Case (33209)
Holds 3 Style or Prolinca heads.
Item # ELCC .................... 243.50

Carrying Bag (33224)
For 39” x 39” softbox (26150).
Item # ELC SB3939 ............. 66.95

Carrying Bag (33220)
For carrying two 8’ lightstands.
Item # ELLSC .................... 59.95

Carrying Bag (33221)
For lightbanks.
Item # ELCCOB .................. 59.95

UMBRELLAS

Translucent umbrellas can be used either to shoot through or to bounce the light. The difference in light output between shooting through and bouncing is very small. The material is neutral and allows about 50% transmission. The white material allows virtually no light to pass through it and makes a very efficient bounce umbrella. It is glossy white and gives similar output to a silver umbrella without harshness. Silver gives the maximum light output. The light reflected is harsher than with the white material. It’s best suited for larger groups when coverage is important. Silver/Gold umbrella provides the light output of a silver umbrella with a warming effect. The Blue umbrella is used for color-correcting tungsten light sources such as the Scanlite when using daylight balanced color films.

33” Translucent Umbrella (26371)
Item # ELU 33T .................... 39.50
33” Silver Umbrella (26360)
Item # ELU 33S .................... 49.50
33” White Umbrella (26372)
Item # ELU 33W .................... 57.95
41” Translucent Umbrella (26374)
Item # ELU 41T .................... 49.50
41” Silver Umbrella (26361)
Item # ELU 41S .................... 68.95
41” White Umbrella (26375)
Item # ELU 41W .................... 62.95
41” Silver/Gold Umbrella (26378)
Item # ELU 41SG .................. 86.95
41” Blue Umbrella (26380)
Item # ELU 41BL .................. 82.95

Varistar Umbrella Kit (26382)
Includes 9½” 135° wide angle reflector and 41” Varistar umbrella. Ideal for industrial, portraits and groups. Very easy to erect.
Item # ELVK41 .................... 114.95

GENERAL ACCESSORIES

Pyrex Domes
Covers and protects the flash tube, as well as diffuses and alters the color temperature. They fit all bayonet lampheads.

Clear Pyrex Dome (24925)
Item # ELFTC .................... 86.95
Frosted Pyrex Dome (24926)
Item # ELFTCM .................. 86.95
400K° Warm Pyrex Dome (24927)
Item # ELFTCY .................. 97.95

Protective Hood/Transit Cap (26124)
Fits all bayonet lampheads.
Item # ELHFTC .................... 9.95

Clear Security Filter (26253)
For Mini R & R3000 lampheads.
Item # ELSFC ..................... 5.50

Frosted Security Filter (26254)
For Mini R & R3000 lampheads.
Item # ELSFF ..................... 9.95

Basic Pro Kit (20767)
Consists of:
two 6½” 90° reflectors (26143),
sync cord (11075),
33” white umbrella (26372),
33” translucent umbrella (26371).
Item # ELBPK .................... 377.50

Varistar Umbrella Kit (26382)
Includes 9½” 135° wide angle reflector and 41” Varistar umbrella. Ideal for industrial, portraits and groups. Very easy to erect.
Item # ELVK41 .................... 114.95

Rotalite (26200)
Permits rotation of older lightbanks.
Item # ELRL ..................... 74.95

LIGHTING Q&A

Should my photographic equipment be insured?
Yes! A robbery could put you out of business. It’s worth the cost of insurance to have the protection of money for replacement.

Impact floodlights are high quality spun aluminum reflector lights with porcelain sockets and wood handles. Has a 1/4-20 threaded female mounting plate. Available in four sizes. Lamps not included.

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500W 2-Light Flood Kit
Kit includes:
- 2 Porcelain 500W sockets with in-line switch
- 2-10” reflectors
- 2-6’ black stands (IMLS6B)
- 2-ECA lamps (250W)
Item # IMFL5006K ............ 74.95

500W 2-Light Flood Kit
Kit includes:
- 2 Porcelain 500W sockets with in-line switch
- 2-10” reflectors
- 2-8’ air-cushion 4-section light stands (IMLS8A)
- 2-ECA lamps (250W)
Item # IMFL5008K ............ 94.95

750W 3-Light Flood Kit
Kit includes:
- 3 Porcelain 500W sockets with in-line switch
- 3-5” reflector
- 2-10” reflectors
- 2-8’ air-cushion 4-section light stands (IMLS6B)
- 3-ECA lamps (250W)
Item # IMFL7506K .......... 104.95

750W 3-Light Flood Kit
Kit includes:
- 3 Porcelain 500W sockets with in-line switch
- 3-12” reflectors
- 3-6” black stands (IMLS6B)
- 3-ECT lamps (500W)
Item # IMFL7506K .......... 119.95

1000W 2-Light Flood Kit
Kit includes:
- 2 Porcelain 500W sockets with in-line switch
- 2-12” reflectors
- 2-6’ black stands (IMLS6B)
- 2-ECT lamps (500W)
Item # IMFL10006K ........... 94.95

1000W 2-Light Flood Kit
Kit includes:
- 2 Porcelain 500W sockets with in-line switch
- 2-12” reflectors
- 2-8’ air-cushion 4-section light stands (IMLS6B)
- 2-ECT lamps (500W)
Item # IMFL10008K ........... 109.95

1500W 3-Light Flood Kit
Kit includes:
- 3 Porcelain 500W sockets with in-line switch
- 3-12” reflectors
- 3-8” air-cushion 4-section light stands (IMLS6B)
- 3-ECT lamps (500W)
Item # IMFL15006K .......... 119.95

1500W 3-Light Flood Kit
Kit includes:
- 3 Porcelain 500W sockets with in-line switch
- 3-12” reflectors
- 3-8” air-cushion 4-section light stands (IMLS6B)
- 3-ECT lamps (500W)
Item # IMFL15008K .......... 139.95

Light Kit Bag (A4235)
Constructed of Ballistic nylon. Has PVC feet on the bottom of bag for extra protection. Case and dividers are padded with high-density foam for protection, extra body and durability. Removable top tray that holds light stands and umbrellas. Five foam dividers with hook and loop fasteners. Has adjustable webbed carrying straps with padded handle wrap for convenient hand or shoulder carrying. Weight 6.4 lbs. (2.9kg). Dimensions: 34½ x 10 x 9” (88x25x23cm)
Item # IMLKB .......................................................... 44.95

DIMMER
Variable wattage dimmer adjusts from zero wattage to full power. For use only with incandescent lamps. Simply plug your light into the dimmer and plug the dimmer in an AC outlet. Slide switch to increase or decrease light output.

D-600 Dimmer (D600)
Item # IMD600 ...................... 24.95
INTERFIT
TUNGSTEN
500W / 1300W

TUNGSTEN 500W
An ideal answer for “low cost” studio lighting. The constant illumination from the Photopearl P2/1500W lamps is ideal for use with modern digital cameras avoiding over exposure associated with much higher powered flash systems. The strong glass filled nylon body is designed to stand up to many years of high temperature operation. A mains on/off switch is conveniently located on the rear ventilation panel. A bright even spread of light is obtained from the 8.3˝ (21cm) spun aluminum reflector. This can be further softened by using a silver or translucent umbrella secured by the integral umbrella clamp. The lamp can be safely and easily adjusted using the handle situated at the rear of the head. The unit is designed to fit the majority of current lighting stands including the Interfit air damped stands. Lamp not included.
Note: When conventional color film is used, a blue 80A filter is required on the camera lens for color correction.

Interfit 500W 3200K (INT100U)
Item # PAI500Q ................................................................. 69.95

HALOGEN 1300W
Is a quartz halogen fan cooled unit that provides 1300W of power. The opal glass safety dome produces soft even illumination from the twin halogen lamps which can be independently switched allowing half power operation.

Interfit 1300W 3200K (INT102U)
Item # PAI1300 ................................................................. 169.95

COMPLETION KITS

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<thead>
<tr>
<th>Tungsten 1300W</th>
<th>Tungsten 500W</th>
<th>Halogen 1300W</th>
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<tr>
<td>1-Light Kit (PAI1300K)</td>
<td>2-Light Kit (INT089U)</td>
<td>2-Light Kit (INT090U)</td>
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<tr>
<td>Kit Includes:</td>
<td>Kit includes:</td>
<td>Kit includes:</td>
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<tr>
<td>1- Tungsten Head with Reflector and Half-Power Switch</td>
<td>1- Tungsten Head with Reflector and Half-Power Switch</td>
<td>2- Halogen Heads</td>
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<tr>
<td>2- Softbox 24x24˝ (60x60cm)</td>
<td>2- Lamps</td>
<td>2- Lamps</td>
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<td>1- 10’ Air Cushioned Black Light Stand</td>
<td>2- Interfit Air-Cushioned Stands</td>
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<td>#PAI1300K...259.95</td>
<td>#PAI5002K...279.00</td>
<td>#PAI13002K...448.95</td>
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DIGITAL LIGHTHOUSE KITS

Digital Lighthouse Kit (Medium)
1- Interfit 500W Tungsten Head w/Reflector (INT100U) | 1- Digital Lighthouse (Medium) (DLH18) | 1- Black 6’ Stand (LS6B) | 1- 250W Lamp (GBBCA)
Item # PHDLHMK ........... 259.95

Digital Lighthouse Kit (Small)
1- Interfit 500W Tungsten Head w/Reflector (INT100U) | 1- Digital Lighthouse (Small) (DLH15) | 1- Black 6’ Stand (LS6B) | 1- 250W Lamp (GBBCA)
Item # PHDLH5K ........... 228.95

LIGHTING STANDS
Suitable for Interfit Colorflash, Tungsten and most makes of current studio lighting systems. The air cushioned construction ensures safe operation for even the heaviest of studio lights. Made from heavy duty aluminum, the stands are designed to satisfy years of constant studio use. A separate locking collar ensures stability when under load. The reversible spigot with its 1/4 and 3/8 inch threads allow screw thread equipment to be mounted on the stands. The spigots can be removed to accommodate the Interfit Cross Pole background support.

Cross Pole Set (COR753)
By adding the optional cross-pole to two standard Interfit lighting stands a lightweight yet sturdy background support system is created. One or three sections can be utilized creating background widths of three, six or ten feet. Consists of: (2) 8’ Stands, (1) 3/Section Crossbar (extends 117”).
Item # PABSS ........... 159.99

COMPACT STANDS

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<tr>
<th>Type</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>No. of Sections</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact</td>
<td>28” (72cm)</td>
<td>6’11” (210cm)</td>
<td>4</td>
<td>3.1 lbs. (1.4kg)</td>
</tr>
<tr>
<td>Standard</td>
<td>39” (99cm)</td>
<td>8’ (244cm)</td>
<td>3</td>
<td>3.7 lbs. (1.7kg)</td>
</tr>
</tbody>
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SPECIFICATIONS

<table>
<thead>
<tr>
<th>Tungsten 1300W</th>
<th>Tungsten 500W</th>
<th>Halogen 1300W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Lighthouse Kit (Medium)</td>
<td>Digital Lighthouse Kit (Small)</td>
<td>Digital Lighthouse Kit (Medium)</td>
</tr>
<tr>
<td>1- Interfit 500W Tungsten Head w/Reflector (INT100U)</td>
<td>1- Interfit 500W Tungsten Head w/Reflector (INT100U)</td>
<td>1- Interfit 500W Tungsten Head w/Reflector (INT100U)</td>
</tr>
<tr>
<td>1- Digital Lighthouse (Medium) (DLH18)</td>
<td>1- Digital Lighthouse (Small) (DLH15)</td>
<td>1- Digital Lighthouse (Medium) (DLH18)</td>
</tr>
<tr>
<td>1- Black 6’ Stand (LS6B)</td>
<td>1- Black 6’ Stand (LS6B)</td>
<td>1- Black 6’ Stand (LS6B)</td>
</tr>
<tr>
<td>1- 250W Lamp (GBBCA)</td>
<td>1- 250W Lamp (GBBCA)</td>
<td>1- 250W Lamp (GBBCA)</td>
</tr>
<tr>
<td>Item # PHDLHMK ........... 259.95</td>
<td>Item # PHDLH5K ........... 228.95</td>
<td>Item # PHDLH5K ........... 228.95</td>
</tr>
</tbody>
</table>

PHOTO - VIDEO - PRO AUDIO
Equipment Leasing Available
With its high intensity #2 Reflector and Prismatic Glass, the tiny focusable Pro-light is more efficient than a mini fresnel of equal wattage, yet it gives an exquisite even light, with fresnel like shadow quality. It can be used as a low-level key or accent light, fill light (with diffusion) or backlight. In addition to a wide variety of customizing accessories, its versatility can be increased by adding a DC adaptor cable and swapping its bulb for use as a camera-top fixture. Replace the Prismatic Glass with the Clear Safety Glass accessory and you have a high intensity non-focusing super spot for situations requiring long throws.
The battery-powered focusable i-light is a great camera-top choice. It provides essential fill light, eye-light, high-lights and contrast control in news and documentary shooting, without overwhelming available light. Fitted with the high intensity #2 Reflector and Prismatic Glass to give an even flood and uniform spot, the i-light and the dimmable id-light bring convenience and dependability to camera-top lighting. The id-light is the world’s first focusable and dimmable camera-top light. It provides increased versatility, especially in news and documentary use where lighting conditions may change quickly. Its 20KHz dimmer provides graceful dimming with no electronic interference in the camera.

**FEATURES**

- Multi-use, halogen source
- Focus range 5:1 with i-100 lamp
- Watts: Uses 55 and 100 watt inexpensive, automobile halogen lamps at 12/14V
- Fitted with high intensity #2 Reflector & Prismatic Glass for higher quality flood and spot
- Replace the Prismatic Glass with the Clear Safety Glass for high intensity long throw super spot use
- Tilting: 160°, adjustable, constant-tension, one-handed, no-yoke tilting.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>i100</td>
<td>12/14</td>
<td>100</td>
<td>500</td>
<td>3200°K</td>
<td>LOL100</td>
<td>8.49</td>
</tr>
<tr>
<td>i55</td>
<td>12/14</td>
<td>55</td>
<td>500</td>
<td>3200°K</td>
<td>LOL55</td>
<td>5.95</td>
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</table>

**PHOTO METRICS WITH i100 LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>31</td>
<td>334</td>
<td>8</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>9</td>
<td>97</td>
<td>2.8</td>
</tr>
<tr>
<td>15’ (4.5m)</td>
<td>4</td>
<td>43</td>
<td>2</td>
</tr>
<tr>
<td>20’ (6.0m)</td>
<td>2</td>
<td>22</td>
<td>1.4</td>
</tr>
<tr>
<td>25’ (8.0m)</td>
<td>1.5</td>
<td>16</td>
<td>1</td>
</tr>
</tbody>
</table>

**SUPER SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop²</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>648</td>
<td>6972</td>
<td>22½</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>167</td>
<td>1797</td>
<td>11½</td>
</tr>
<tr>
<td>15’ (4.5m)</td>
<td>65</td>
<td>699</td>
<td>8.5</td>
</tr>
<tr>
<td>20’ (6.0m)</td>
<td>39</td>
<td>420</td>
<td>8</td>
</tr>
<tr>
<td>25’ (8.0m)</td>
<td>26</td>
<td>280</td>
<td>5.6½</td>
</tr>
</tbody>
</table>

**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop³</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>157</td>
<td>1689</td>
<td>11½</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>40</td>
<td>430</td>
<td>5.6</td>
</tr>
<tr>
<td>15’ (4.5m)</td>
<td>16</td>
<td>172</td>
<td>4</td>
</tr>
<tr>
<td>20’ (6.0m)</td>
<td>10</td>
<td>108</td>
<td>2.8</td>
</tr>
<tr>
<td>25’ (8.0m)</td>
<td>6</td>
<td>65</td>
<td>2.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
i-light Complete Set (Standard) with “Cigarette Lighter” Connector (01)
Includes: i-light with 55 watt lamp, 4’ captive cable with cigarette lighter connector, #2 high intensity Reflector and Prismatic Glass, Low-link (ViP-37), Cam-link (ViP-41), IP Focus-knob extension (IP-35), spare 100 watt lamp and ViP Stand-link (ViP-39).
Item # LOI01...............129.95

i-light Complete Set with 4-pin XLR Connector (02)
Same as the Standard i-light, but with a 4-pin XLR connector.
Item # LOI02...............134.95

#2 Reflector (Repl.) (IP7)
The computer designed, faceted, high intensity reflector gives improved light output. It can be used with either the Prismatic Glass (focusing) or Clear Safety Glass (spot only).
Item # LOR2PL ............9.95

#2 Reflector with Front Housing and Clear Safety Glass (IP19)
for non-focusing spot only.
Item # LOR3FHL ...........54.95

Prismatic Glass (Repl.) (IP52)
 With #2 Reflector it gives an evenly dispersed flood. It also produces a uniform spot and a fresnel-like barndoor cut.
Item # LOPDGPL ..........9.50

Clear Safety Glass (IP49)
When used with #2 Reflector, becomes a non-focusing high intensity spot.
Item # LOI049 .............9.50

Retrofit Kit (IP14)
High intensity #2 Reflector and Prismatic Safety Glass. Use to upgrade earlier Pro and i-lights.
Item # LORKPL ...........14.50

id-light Complete Set (Standard) with “Cigarette Lighter” Connector (id01)
Includes: id-light with 55 watt lamp, 4’ captive cable with cigarette lighter connector, #2 high intensity Reflector and Prismatic Glass, Low-link (ViP-37), Cam-link (ViP-41), IP Focus-knob extension (IP-35), spare 100 watt lamp and ViP Stand-link (ViP-39).
Item # LOID01.............129.95

id-light Complete Set with 4-pin XLR Connector (id02)
Same as the Standard id-light, but with a 4-pin XLR connector.
Item # LOID02 ............229.95

#2 Reflector with Front Housing (id04)
Changes from triangle to square shape as needed and can be attached to, or removed from the Barndoor Frame.
Item # LOLTEPL ...........9.95

Snoot (IP53)
Fits directly over the light. Produces a reduced, soft-edged circle of light. A Barndoor Frame (IP-21) fits over the front if needed.
Item # LOSPL ............33.50

PRO/i-id LIGHT ACCESSORIES
### LIGHT CONTROL AND MOUNTING

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOFHPL</td>
<td>Pro &amp; i Gel Frame (IP40) Holds 5 x 6” (12.7 x 15.2cm) gels. Collapses for storage like Tota-frame.</td>
<td>22.50</td>
</tr>
<tr>
<td>LOFKEPL</td>
<td>Pro &amp; i Focus Knob Extension (IP35) This handle snaps onto the focusing knob for left-handed focusing in on-camera news work.</td>
<td>7.50</td>
</tr>
<tr>
<td>LOAHPL</td>
<td>Swing-in Accessory Holder (IP30) Accessories can be changed in holders. However, for fast or frequent changes, each should have its own holder. Up to three holders attach to the Pro and i-light barn door frame, for use one-at-a-time.</td>
<td>9.95</td>
</tr>
<tr>
<td>LODGHPL</td>
<td>Swing-in Accessory Holder with Diffused Glass (IP50H) Softens light, creates gentler, more flattering, but less dramatic, highlights and shadows. Light loss approx. 40% in flood.</td>
<td>19.95</td>
</tr>
<tr>
<td>LODGPL</td>
<td>Swing-in Accessory Holder with Diffused Glass (IP50) Same as above without the Swing-in Accessory Holder.</td>
<td>12.95</td>
</tr>
<tr>
<td>LODFHLPL</td>
<td>Swing-in Accessory Holder with Dichroic Filter (IP54H) Converts 3200°K light to average daylight. Light loss approx. one stop.</td>
<td>39.95</td>
</tr>
<tr>
<td>LODFHLPL</td>
<td>Swing-in Accessory Holder with Full Scrim (IP54) Same as above without the Swing-in Accessory Holder.</td>
<td>34.95</td>
</tr>
<tr>
<td>LSGFPL</td>
<td>Full Scrim (IP54) Same as above without the Swing-in Accessory Holder.</td>
<td>4.95</td>
</tr>
<tr>
<td>LSHHPL</td>
<td>Half Scrim (IP55) Same as above without the Swing-in Accessory Holder.</td>
<td>12.95</td>
</tr>
<tr>
<td>LSHHPL</td>
<td>Swing-in Accessory Holder with Half Scrim (IP55H) Stainless steel screen covers half of the light and rotates 360° to reduce the light on any part of the subject or background that is too bright.</td>
<td>12.95</td>
</tr>
<tr>
<td>LSHHPL</td>
<td>Swing-in Accessory Holder with Graduated Scrim (IP56H) Stainless steel screen sections reduce light more subtly and more completely than the Half Scrim. Rotates 360°. Useful to control subjects that become too bright as they approach a light, or fall-off on walls and subjects.</td>
<td>14.95</td>
</tr>
<tr>
<td>LSGGPL</td>
<td>Graduated Scrim (IP56) Same as above without the Swing-in Accessory Holder.</td>
<td>7.50</td>
</tr>
<tr>
<td>LOCSLPL</td>
<td>Cam-link and Stud-link (VIP41S) Cam-link locks onto video camera that have a female shoe. It accepts the Stud-link which is a 5/8” stud with 1/4-20 screw.</td>
<td>9.95</td>
</tr>
<tr>
<td>LOCSLPL</td>
<td>Cam-link and Low-link (VIP41L) Cam-link locks onto video camera that have a female shoe. It accepts the Low-link that enables the light to be camera-mounted.</td>
<td>9.95</td>
</tr>
<tr>
<td>LOHLLPL</td>
<td>Handle and Low-link (VIP42) For hand-holding the light. A spare lamp can be stored inside the handle.</td>
<td>21.95</td>
</tr>
<tr>
<td>LOHSLPL</td>
<td>Handle and Stud-link (VIP43)</td>
<td>22.50</td>
</tr>
<tr>
<td>LOGLPL</td>
<td>Gridlock (CM21) Attaches the light right-side-up to the T-bar of dropped-ceiling grids.</td>
<td>12.50</td>
</tr>
<tr>
<td>LOFLPL</td>
<td>Flag-link (VIP50) Attaches to light. Accepts one Flexi-shaft.</td>
<td>7.50</td>
</tr>
<tr>
<td>LOFLPL</td>
<td>Cam-link and Stud-link (VIP41S) Cam-link locks onto video camera that have a female shoe. It accepts the Stud-link which is a 5/8” stud with 1/4-20 screw.</td>
<td>23.95</td>
</tr>
<tr>
<td>LOFLPL</td>
<td>Cam-link and Low-link (VIP41L) Cam-link locks onto video camera that have a female shoe. It accepts the Low-link that enables the light to be camera-mounted.</td>
<td>9.95</td>
</tr>
<tr>
<td>LOGLPL</td>
<td>Gridlock (CM21) Attaches the light right-side-up to the T-bar of dropped-ceiling grids.</td>
<td>12.50</td>
</tr>
<tr>
<td>LOFLPL</td>
<td>Flag-link (VIP50) Attaches to light. Accepts one Flexi-shaft.</td>
<td>7.50</td>
</tr>
</tbody>
</table>

**Flexi-shaft (2) (T150)** Flexible arm snaps onto Flag-link, Tota-tatch or Tota-clamp and positions a Tota-flag or Tota-flector. Package of 2.

**Handle and Low-link (VIP42)** For hand-holding the light. A spare lamp can be stored inside the handle.

**Handle and Stud-link (VIP43)**

**Gridlock (CM21)** Attaches the light right-side-up to the T-bar of dropped-ceiling grids.
LOWEL
CONTINUOUS LIGHTING
TUNGSTEN

PRO/i-id ACCESSORIES/DIMMERS

CABLES AND CONNECTORS

2-Pin 30v Cable (P181)
Adapts the Pro-light for use with many 30v batteries. No wiring required.
Item # LOC30PL ............. 29.50

4-Pin XLR Connector (i82)
Connector must be soldered to Pro-light cable in place of the standard one, to match appropriate battery terminals.
Item # LOC4PIL ............. 9.50

4-Pin XLR Cable (P182)
Adapts the Pro-light for use with appropriate 12v batteries. No wiring required.
Item # LOC4PPL ............. 17.95

5-Pin XLR Connector (i83)
Connector must be soldered to Pro-light cable in place of the standard one, to match appropriate battery terminals.
Item # LOC5PIL ............. 9.50

5-Pin XLR Cable (P183)
Adapts the Pro-light for use with appropriate 12v batteries. No wiring required.
Item # LOC5PPL ............. 17.95

BP-90 Type Cable (P184)
Adapts the Pro-light for use with appropriate 12v batteries. No wiring required.
Item # LOCBP90PL ............. 17.95

BP-90 Type Connector (i84)
Connector must be soldered to Pro-light cable in place of the standard one, to match appropriate battery terminals.
Item # LOCBP90IL ............. 9.95

Cigarette Lighter 10’ Extension Cable (i85)
Enables the i-light to be used inside or outside an automobile. No wiring required.
Item # LOCLAIL ............. 9.50

12v Car Adaptor (O182)
Adapts the Pro-light for use with some 12v batteries and automobile cigarette lighter sockets. No wiring required.
Item # LOCLAPL ............. 5.50

12´ (3.7m) Power Cable (P180)
#18/3 cable for the Pro-light to extend its captive cable.
Item # LOC12PL ............. 12.95

LOWEL DIMMERS

Ideal for location sets, small studios, special effects departments, and event videographers. Has 4 storable dimmer levels, and 4 storable “flicker” levels (retained after unplugging unit). State of the art circuitry allows graceful dimming during shooting as well as instant “on/off” switching. The flicker generator can vary in rate and intensity to simulate fireplace and candle light, water reflections, TV screen flicker, etc.

- Lightweight modular design
- Dimming variable in 5,000 steps from 0-100%
- Optional wireless remote control of up to 8 dimmer units (LD10 only)
- 120V / 10 amp AC load
- Can be computer controlled by DMX 512 protocol (LD20 only)
- Quickly mounts to Lowel light stand struts
- 330 microsecond rise time, extends lamp life and limits filament buzzing.

Manual/Remote (LD10)
Mannual or remote operation, with 12 ft. cable.
Size: 5.5 x 4.5 x 3.75” (14x11.4x9.5cm)
Weight: 3.75 lbs. (1.7kg)
without cable
Item # LOD .................... 275.95

Remote Control (LDRI)
Size: 3.5 x 5.5 x 1.25” (8.9x14x3cm)
Weight: 8.5 oz. (241g)
Item # LOLDRI .................. 155.95

Manual/DMX (LD20)
Manual or DMX control, with 12 ft. cable.
Size: 5.5 x 4.5 x 4” (14x11.4x10.3cm)
Weight: 4 lbs. (1.8kg)
without cable
Item # LODDMX ............. 299.95

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com

341
Powerful enough to light a small room yet small enough to fit in a large pocket, the versatile V-Light can be used as a broad, key, fill (with umbrella or diffusion gel), backlight or background light. It’s also excellent for copy work.

**V-LIGHT**

V-light (V110)
Item # LOVL .................. 99.95

**FEATURES**

- Extreme wide angle, smooth, multi-use, halogen source
- Watts: 500 at 120V, 500 at 220V and 240V
- Light controls: umbrella, gel-frame, gels, flags etc.
- Tilting: 280°, adjustable, constant-tension, one-handed, tilting
- Protective glass tube surrounds low-pressure lamp (must always be used)
- Closes compactly for storage and travel

**SPECIFICATIONS**

Max. Wattage: 500
Max. Amperage: 4.2 at 120 volts
Beam Control: Door angle provides vertical beam control
Fits On: 5/8˝ (1.59cm) studs and accessories
Materials: Primarily aluminum and Ryton
Cable: 16 ft. (4.88m)
Weight: 1.5 lbs. (680g) with cable

---

**BULB SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDA</td>
<td>120</td>
<td>500</td>
<td>100+</td>
<td>3150°K</td>
<td>GBGDA</td>
<td>18.89</td>
</tr>
</tbody>
</table>

**PHOTO METRICS WITH GDA LAMP**

-with doors normal

**Beam Angle** 72° Horizontal x 66° Vertical

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>169</td>
<td>1818</td>
<td>8⅔</td>
</tr>
<tr>
<td>10' (3m)</td>
<td>43</td>
<td>463</td>
<td>5.6</td>
</tr>
<tr>
<td>15' (4.5m)</td>
<td>23</td>
<td>248</td>
<td>4</td>
</tr>
<tr>
<td>20' (6m)</td>
<td>14</td>
<td>151</td>
<td>2.8</td>
</tr>
<tr>
<td>25' (8m)</td>
<td>10</td>
<td>108</td>
<td>2</td>
</tr>
</tbody>
</table>

-with doors at 180°

**Beam Angle** 74° Horizontal x 94° Vertical

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>187</td>
<td>2012</td>
<td>11</td>
</tr>
<tr>
<td>10' (3m)</td>
<td>25</td>
<td>269</td>
<td>4</td>
</tr>
<tr>
<td>15' (4.5m)</td>
<td>13</td>
<td>140</td>
<td>2.8</td>
</tr>
<tr>
<td>20' (6m)</td>
<td>8</td>
<td>86</td>
<td>2</td>
</tr>
<tr>
<td>25' (8m)</td>
<td>5</td>
<td>54</td>
<td>1.4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

---

**LIGHTING Q&A**

Who has to sign a model release?

Anyone whose picture is to be used by you publicly, to advertise either for yourself or for your client. Legally, you must be covered if anyone's photo is used to advertise anything.

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50 Portrait Lighting Techniques.

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(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
Compact, rugged and versatile, the broad throw Tota-light is a Lowel time honored favorite. It can be used with its umbrella or gel frame and diffusion as a soft key, fill or backlight. With its adjustable reflectors, it can be a smooth and even background light, or point it toward the ceiling to raise the ambient (base) light level of a room. Tota is also widely used for photographic copy work.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHZ</td>
<td>120</td>
<td>300</td>
<td>2000</td>
<td>2900°K</td>
<td>GBEHZ</td>
<td>9.49</td>
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<tr>
<td>FDN</td>
<td>120</td>
<td>500</td>
<td>400</td>
<td>3200°K</td>
<td>GBFDN</td>
<td>13.95</td>
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<td>FCZ</td>
<td>120</td>
<td>500</td>
<td>2600</td>
<td>3000°K</td>
<td>GBFCZ</td>
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<td>FWM</td>
<td>120</td>
<td>650</td>
<td>400</td>
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<td>EMD</td>
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<td>750</td>
<td>400</td>
<td>3200°K</td>
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<td>17.95</td>
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<tr>
<td>EMF</td>
<td>240</td>
<td>800</td>
<td>250</td>
<td>3200°K</td>
<td>GBEMF</td>
<td>18.95</td>
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</table>

**PHOTO METRICS WITH EMD LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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<tbody>
<tr>
<td>WITH DOORS NORMAL</td>
<td></td>
<td></td>
<td></td>
<td>WITH DOORS AT 180°</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>5’ (1.5m)</td>
<td>146</td>
<td>1571</td>
<td>8</td>
<td>5’ (1.5m)</td>
<td>116</td>
<td>1248</td>
<td>8</td>
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<tr>
<td>10’ (3m)</td>
<td>41</td>
<td>441</td>
<td>4</td>
<td>10’ (3m)</td>
<td>34</td>
<td>366</td>
<td>4</td>
</tr>
<tr>
<td>15’ (4.5m)</td>
<td>21</td>
<td>226</td>
<td>2.8</td>
<td>15’ (4.5m)</td>
<td>18</td>
<td>194</td>
<td>2.8</td>
</tr>
<tr>
<td>20’ (6m)</td>
<td>13</td>
<td>140</td>
<td>2.8</td>
<td>20’ (6m)</td>
<td>11</td>
<td>118</td>
<td>2</td>
</tr>
<tr>
<td>25’ (8m)</td>
<td>9</td>
<td>97</td>
<td>2</td>
<td>25’ (8m)</td>
<td>7</td>
<td>75</td>
<td>2</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
## Omni-Light

### Omni-light (O110)
- With standard #1 reflector, protective screen and 16´ cable (less lamp).
- Item #LOOL..................129.95

### Omni-light (O112)
- With #2 reflector, protective screen, 16´ cable and cigarette lighter-adapter. (less lamp).
- Item #LOOL12V.............134.95

### Omni-light (O113)
- With #2 reflector, protective screen and 5´ 2-pin Amphenol Type connector cable. (less lamp).
- Item #LOOL30V...............153.95

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>EYL</td>
<td>12</td>
<td>100</td>
<td>50</td>
<td>3200°K</td>
<td>GBEYL</td>
<td>16.95</td>
</tr>
<tr>
<td>DYG</td>
<td>30</td>
<td>250</td>
<td>15</td>
<td>3400°K</td>
<td>GBODYG</td>
<td>17.50</td>
</tr>
<tr>
<td>EKB</td>
<td>120</td>
<td>420</td>
<td>75</td>
<td>3200°K</td>
<td>GBEBK</td>
<td>18.49</td>
</tr>
<tr>
<td>FTK</td>
<td>120</td>
<td>500</td>
<td>150</td>
<td>3200°K</td>
<td>GBFTK</td>
<td>21.00</td>
</tr>
<tr>
<td>GCX</td>
<td>120</td>
<td>500</td>
<td>150</td>
<td>3200°K</td>
<td>LOGXC</td>
<td>38.50</td>
</tr>
<tr>
<td>GCY</td>
<td>230</td>
<td>500</td>
<td>150</td>
<td>3200°K</td>
<td>LOG4Y</td>
<td>38.50</td>
</tr>
<tr>
<td>JCD230V-300WC</td>
<td>230</td>
<td>300</td>
<td>75</td>
<td>3200°K</td>
<td>GBJCD300</td>
<td>29.95</td>
</tr>
<tr>
<td>JCD240V-500WC</td>
<td>240</td>
<td>500</td>
<td>75</td>
<td>3200°K</td>
<td>GBJCD500</td>
<td>29.95</td>
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### PHOTOMETRICS WITH PROTECTIVE SCREEN AND FTK LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLOOD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5´ (1.5m)</td>
<td>2750</td>
<td>29,590</td>
<td>45</td>
</tr>
<tr>
<td>10´ (3m)</td>
<td>920</td>
<td>9,699</td>
<td>22</td>
</tr>
<tr>
<td>15´ (4.5m)</td>
<td>350</td>
<td>3166</td>
<td>16</td>
</tr>
<tr>
<td>20´ (6m)</td>
<td>195</td>
<td>2098</td>
<td>11</td>
</tr>
<tr>
<td>25´ (8m)</td>
<td>115</td>
<td>1237</td>
<td>8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPOT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5´ (1.5m)</td>
<td>1900</td>
<td>20,444</td>
<td>22</td>
</tr>
<tr>
<td>10´ (3m)</td>
<td>475</td>
<td>5111</td>
<td>16</td>
</tr>
<tr>
<td>15´ (4.5m)</td>
<td>220</td>
<td>2367</td>
<td>11</td>
</tr>
<tr>
<td>20´ (6m)</td>
<td>125</td>
<td>1345</td>
<td>8</td>
</tr>
<tr>
<td>25´ (8m)</td>
<td>75</td>
<td>807</td>
<td>5.6</td>
</tr>
</tbody>
</table>

### Features
- Multi-use, halogen source
- Double parabolic, peened reflector provides non-crossover beam for maximum efficiency and gel life
- Focus range 6:1 with #1 reflector and FTK lamp
- Watts: 500, 420 and 300 at 120V, 500 and 300 at 220V and 240V, 250 at 30V, 100 at 12V
- Quick-change super-spot accessory reflector for exceptionally long throws at all voltages
- Protective front screen must always be used

### LIGHTING TIP

The backstand light can be the first or last light to be set depending on the importance of the background lighting in the shot and your lighting style.
FOR TOTA/V/OMNI ACCESSORIES

FOR TOTA ONLY

Tota-light Protective Screen (Rep.) (T119)
Max. wattage 750W (120v) or 800W (220/240). Protects against lamp explosion. Must always be used.
Item #LOPSTL.....................8.95

Tota brella Silver (T125)
Locks directly onto Tota or Omni without tools to convert to softlight. 27” (68.6cm) open, 19” (48.3cm) closed.
Item #LOTBS....................29.95

Tota brella White (T126)
Same as above with extremely soft, white reflective surface.
Item #LOTBW....................26.95

Tota-frame (T120)
Holds various 10x12” (25.4x30.5cm) gels. Locks directly into all 3 lights, pans and tilts with the light. Size folded: 12x1x1” (30.5x2.5x2.5cm).
Item #LOTF......................26.95

Tota flag (T152)
Black aluminum alloy panel attaches to a Flexi-shaft for shadowing subject, background or lens. Two or more snap together. Size: 8x12” (20.3x30.5cm).
Item #LOTFQ.....................18.95

Flexi-shaft (T150)
Flexible arm snaps onto Flag-link, Tota-tatch or Tota-clamp and positions a Tota-flag or Tota-flector. Package of 2. Size: 16” (40.65cm).
Item #LOFS......................23.95

Tota Protective Screen

Tota shade

Flexi-shaft

CABLES

5’ Omni 30v Cable (O181)
#18/3 cable with in-line switch and 2-pin “Amphenol Type” connector for batteries.
Item #LOC30VOL.............49.95

Omni 12v Car Adaptor (O182)
Connects T1-80 cable to cigarette lighter connector.
Item #LOCLAOL...........5.50

16’ (4.9m) Tota/Omni Cable (T180)
Standard #18/3 cable with in-line switch. CE approved cable also available.
Item #LOC16OL..............24.95

FOR TOTA, V AND OMNI

Tota brella (T125)
Locks directly onto Tota or Omni without tools to convert to softlight. 27” (68.6cm) open, 19” (48.3cm) closed.
Item #LOTBS....................29.95

Tota brella White (T126)
Same as above with extremely soft, white reflective surface.
Item #LOTBW....................26.95

Tota-frame (T120)
Holds various 10x12” (25.4x30.5cm) gels. Locks directly into all 3 lights, pans and tilts with the light. Size folded: 12x1x1” (30.5x2.5x2.5cm).
Item #LOTF......................26.95

Tota Gels ..................See page 354

Tota flag (T152)
Black aluminum alloy panel attaches to a Flexi-shaft for shadowing subject, background or lens. Two or more snap together. Size: 8x12” (20.3x30.5cm).
Item #LOTFQ.....................18.95

Flexi-shaft (T150)
Flexible arm snaps onto Flag-link, Tota-tatch or Tota-clamp and positions a Tota-flag or Tota-flector. Package of 2. Size: 16” (40.65cm).
Item #LOFS......................23.95

Tota Protective Screen

Tota shade

Flexi-shaft

CABLES

5’ Omni 30v Cable (O181)
#18/3 cable with in-line switch and 2-pin “Amphenol Type” connector for batteries.
Item #LOC30VOL.............49.95

Omni 12v Car Adaptor (O182)
Connects T1-80 cable to cigarette lighter connector.
Item #LOCLAOL...........5.50

16’ (4.9m) Tota/Omni Cable (T180)
Standard #18/3 cable with in-line switch. CE approved cable also available.
Item #LOC16OL..............24.95

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
FOR OMNI-LIGHT ONLY

Protective Screen (Repl.) (O119)
Max. wattage 500W. Protects against lamp explosion. Must always be used.
Item # LOPSOL ................. 8.95

Reflector #1 (Repl.) (O115)
Standard, full-focusing reflector with Lowell’s unique peened, double-parabolic no-cross-over configuration.
Item # LOR1OL .................. 14.95

Reflector #2 (O116)
Same as above with different peening for 12 and 30 volt lamps.
Item # LOR2OL .................. 14.95

Reflector #3 (O117)
Super-spot, fixed-focus reflector has a narrow, high-intensity beam for long throws. Works with all voltages.
Item # LOR3OL .................. 14.95

Reflector #4 (O118)
Gold reflector for warm color effects. Full focusing, works with all voltages.
Item # LOR4OL .................. 14.95

Complete Barndoor (O120)
Barndoor frame with 2 rectangular and 2 triangular leaves. Rotates 360°, and holds 2 accessories (filters, snoots etc.).
Item # LOBDOL ................ 56.95

Barndoor Frame (O121)
Same as above minus leaves. Holds accessories; joins two snoots.
Item # LOBDFOL .............. 29.95

Triangular Leaf (O123)
Locks on frame with 1/4 turn instant release connector; has two expandable wings.
Item # LOTLTOL .............. 13.50

Rectangular Leaf (O122)
Locks on frame with 1/4 turn instant release connector; has two expandable wings.
Item # LOLROL .............. 13.50

Diffused Glass (O150)
Softens light; reduces intensity and contrast; improves shadow quality. Light loss approximately 40% in flood.
Item # LODGOL .............. 29.50

Dichroic Filter (O151)
Converts 3200°K to average daylight with light loss of approximately one stop. Absorbs some U.V.
Item # LODFOL .............. 78.50

Clear Glass (O152)
Absorbs some U.V. light with 5% light loss.
Item # LOCGOL .............. 29.50

Full Scrim (O154)
Stainless steel screen reduces light one stop without diffusion or softening of contrast.
Item # LOSFOL .............. 14.50

Half Scrim (O155)
Same as above, covers half the light, rotates 360° to reduce light on any part of the subject that is too bright.
Item # LOSSHOL .............. 14.50

Graduated Scrim (O156)
Clear, single and double screen areas gradually reduce light intensity. Compensates light fall-off on walls and subjects. Rotates 360°.
Item # LOSGOL .............. 17.50

Cookaloris (O157)
Cut metal disk creates a soft shadow pattern to “break-up” flat backgrounds.
Item # LOCOL .............. 16.95

Snoot (O153)
Creates a reduced, soft-edged circle of light. Two joined by a frame increases effect.
Item # LOSOL .............. 38.50

Omni Narrow Snoot (O1532)
For more control with smaller diameter circular cutoff (2.25” diameter). Fren-L patterns as well as Pro-light barndoors and swing-in accessories.
Item # LOSOLQ .............. 58.50
The DP-light is a long time Lowel workhorse. It’s a powerful key, background or fill light. Add an umbrella or diffusion for soft key or fill light, swap to the super-spot reflector for long throws, or customize it with a variety of other accessories. The DP is built for a long multi-use life.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>EHC</td>
<td>120</td>
<td>500</td>
<td>300</td>
<td>3200°K</td>
<td>GBEHC</td>
<td>29.95</td>
</tr>
<tr>
<td>EHD</td>
<td>120</td>
<td>500</td>
<td>2000</td>
<td>3000°K</td>
<td>GBEHD</td>
<td>29.95</td>
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<tr>
<td>BHF</td>
<td>120</td>
<td>750</td>
<td>300</td>
<td>3200°K</td>
<td>GBEHF</td>
<td>29.95</td>
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<tr>
<td>EHG</td>
<td>120</td>
<td>750</td>
<td>2000</td>
<td>3000°K</td>
<td>GBEHG</td>
<td>29.95</td>
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<tr>
<td>FEL</td>
<td>120</td>
<td>1000</td>
<td>300</td>
<td>3200°K</td>
<td>GBFEL</td>
<td>20.95</td>
</tr>
<tr>
<td>FEP/220</td>
<td>220</td>
<td>1000</td>
<td>150</td>
<td>3200°K</td>
<td>GBFEP</td>
<td>39.95</td>
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<td>FEP/240</td>
<td>240</td>
<td>1000</td>
<td>150</td>
<td>3200°K</td>
<td>GBFEP240</td>
<td>39.95</td>
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**PHOTO METRICS WITH PROTECTIVE SCREEN AND FEL LAMP**

**FLOOD**

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<tr>
<th>Distance</th>
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<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>297</td>
<td>3196</td>
<td>11</td>
</tr>
<tr>
<td>10' (3m)</td>
<td>88</td>
<td>947</td>
<td>8</td>
</tr>
<tr>
<td>15' (4.5m)</td>
<td>40</td>
<td>430</td>
<td>16</td>
</tr>
<tr>
<td>20' (6m)</td>
<td>23</td>
<td>247</td>
<td>4</td>
</tr>
<tr>
<td>25' (8m)</td>
<td>16</td>
<td>172</td>
<td>2.8</td>
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</table>

**SUPER SPOT**

<table>
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<tr>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>5667</td>
<td>60,977</td>
<td>64</td>
</tr>
<tr>
<td>10' (3m)</td>
<td>1161</td>
<td>12,492</td>
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</tr>
<tr>
<td>15' (4.5m)</td>
<td>604</td>
<td>6499</td>
<td>16</td>
</tr>
<tr>
<td>20' (6m)</td>
<td>334</td>
<td>3594</td>
<td>11.5</td>
</tr>
<tr>
<td>25' (8m)</td>
<td>209</td>
<td>2249</td>
<td>11</td>
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**SPOT**

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<thead>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>3066</td>
<td>32,990</td>
<td>45</td>
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<tr>
<td>10' (3m)</td>
<td>711</td>
<td>7650</td>
<td>22</td>
</tr>
<tr>
<td>15' (4.5m)</td>
<td>307</td>
<td>3303</td>
<td>16.5</td>
</tr>
<tr>
<td>20' (6m)</td>
<td>166</td>
<td>1786</td>
<td>8.5</td>
</tr>
<tr>
<td>25' (8m)</td>
<td>109</td>
<td>1173</td>
<td>8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**SPECIFICATIONS**

- **Max. Wattage:** 1000W
- **Max. Amperage:** 8.3 at 120V
- **Beam Control:** Continuously variable
- **Fits On:** 5/8” (1.59cm) studs
- **Materials:** Primarily aluminum alloy
- **Cable:** 16 ft. (4.9m) #16/3
- **Weight:** with 16’ cable: 3.6 lbs. (1.6kg), without 16’ cable: 2.8 lbs. (1.3kg)

**FEATURES**

- Multi-use, halogen source
- Watts: 1000, 750, and 500 at 120V. 1000, 650 and 500 at 220V and 240V
- Peened parabolic reflector provides non-crossover beam with axial filament orientation for improved shadow pattern and gel life
- Focus range: 8:1 with #1 reflector and FEL lamp
- Quick-change super-spot reflector for exceptionally long throws at all voltages
- Tilting: 170° no-yoke, constant-tension, one-handed tilting from straight up to almost straight down
- Large cool knobs
- Protective front screen must always be used

**PHOTOGRAPHIC LIGHTING**

Do I need special credentials to be a portrait photographer?

No. A portfolio is all you need; your reputation will spread by word of mouth. A degree is not necessary, really. I’m assuming that the talent is there, and that you’ve studied and prepared yourself and gotten enough experience to go ahead.

---

## ACCESSORIES FOR DP-LIGHT

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td># LOPSDPL</td>
<td>8.95</td>
<td>Protective Screen (Repl.) (D219)</td>
<td>Protects against lamp explosion. Must always be used.</td>
</tr>
<tr>
<td># LOR1DPL</td>
<td>17.95</td>
<td>Reflector #1 (Repl.) (D215)</td>
<td>Standard, full-focusing reflector with Lowel's peened, parabolic, no-crossover configuration.</td>
</tr>
<tr>
<td># LOR3DPL</td>
<td>17.50</td>
<td>Reflector #3 (D217)</td>
<td>Super-spot, fixed-focus reflector has a narrow, high-intensity beam, for extremely long throws.</td>
</tr>
<tr>
<td># LOR4DPL</td>
<td>17.50</td>
<td>Reflector #4 (D218)</td>
<td>Gold reflector, for warm color effects. Full focusing.</td>
</tr>
<tr>
<td># LOBDDPL</td>
<td>63.50</td>
<td>Complete Barndoor (D220)</td>
<td>Barndoor frame with two rectangular and two triangular leaves, all expandable. Rotates 360° and holds two accessories (dichroic filter, snoot etc.).</td>
</tr>
<tr>
<td># LOBDFDPL</td>
<td>29.95</td>
<td>Barndoor Frame (D221)</td>
<td>Same as above minus leaves.</td>
</tr>
<tr>
<td># LOLTDPL</td>
<td>15.95</td>
<td>Triangular Leaf (D223)</td>
<td>Locks on frame with 1/4 turn instant release connector, has two expandable wings.</td>
</tr>
<tr>
<td># LOLRDPL</td>
<td>15.95</td>
<td>Rectangular Leaf (D222)</td>
<td>Locks on frame with 1/4 turn instant release connector, has two expandable wings.</td>
</tr>
<tr>
<td># LODGDPL</td>
<td>32.50</td>
<td>Diffused Glass (D250)</td>
<td>Softens light, reduces intensity and contrast.</td>
</tr>
<tr>
<td># LODFDPL</td>
<td>99.95</td>
<td>Dichroic Filter (D251)</td>
<td>Converts 3200°K to average daylight with light loss of one stop. Absorbs some U.V.</td>
</tr>
<tr>
<td># LOGDPDL</td>
<td>29.95</td>
<td>Clear Glass (D252)</td>
<td>Absorbs some U.V. light with 5% light loss.</td>
</tr>
<tr>
<td># LOSFDPL</td>
<td>14.95</td>
<td>Full Scrim (D254)</td>
<td>Stainless-steel screen reduces light one stop without diffusion or softening of contrast.</td>
</tr>
<tr>
<td># LOSGDPL</td>
<td>19.95</td>
<td>Graduated Scrim (D256)</td>
<td>Clear, single and double-screen areas gradually reduce light intensity. Compensates for light fall-off on walls and subjects.</td>
</tr>
<tr>
<td># LOHDPDL</td>
<td>14.95</td>
<td>Half Scrim (D255)</td>
<td>Same as above, covers half the light, rotates 360° to reduce light on any part of the subject that is too bright.</td>
</tr>
<tr>
<td># LOCDFDL</td>
<td>17.95</td>
<td>Clear Glass (D253)</td>
<td>The Cookaloris is a cut metal disk that creates a soft shadow pattern to “break-up” flat, bland backgrounds.</td>
</tr>
<tr>
<td># LOCDFDLQ</td>
<td>29.95</td>
<td>Cookaloris (D257)</td>
<td>The Cookaloris is a cut metal disk that creates a soft shadow pattern to “break-up” flat, bland backgrounds.</td>
</tr>
<tr>
<td># LOCSDPL</td>
<td>65.00</td>
<td>DP Narrow Snoot (D2532)</td>
<td>With smaller diameter circular cutoff (2.25” diameter), accepts Fren-L patterns as well as Pro-light barndoors and swing-in accessories.</td>
</tr>
<tr>
<td># LOC16TL</td>
<td>42.50</td>
<td>16’ Cable (Repl.) (T180)</td>
<td>Standard #18/3 cable with in-line switch. CE approved cable also available.</td>
</tr>
<tr>
<td># LOSDPL</td>
<td>44.50</td>
<td>Diffused Glass (D250)</td>
<td>With smaller diameter circular cutoff (2.25” diameter), accepts Fren-L patterns as well as Pro-light barndoors and swing-in accessories.</td>
</tr>
<tr>
<td># LOSDPLQ</td>
<td>44.50</td>
<td>DP Narrow Snoot (D2532)</td>
<td>With smaller diameter circular cutoff (2.25” diameter), accepts Fren-L patterns as well as Pro-light barndoors and swing-in accessories.</td>
</tr>
<tr>
<td># LOC16TLQ</td>
<td>44.50</td>
<td>16’ Cable (Repl.) (T180)</td>
<td>Standard #18/3 cable with in-line switch. CE approved cable also available.</td>
</tr>
</tbody>
</table>

**B&H Photo Video**

www.bhphotovideo.com
For those who love the beautiful light quality of a fresnel, there is simply no better choice than the Fren-L 650. With an impressive 8:1 focusing range, it glides from an exceptionally wide even flood to a tight spot with sharp shadow quality. Designed with input from working professionals, the Fren-L 650 features an oversized swing down handle, a pop-up scrim holder for easier access, double walled convection cooling and a single arm stand fitting yoke for a generous tilting range without the cable snarl.

**LAMP SPECIFICATIONS**

- **Bulb:** FKW 120 300 150 3200°K GBFKW 24.95
- **FRG 120 500 150 3200°K GBFRG 34.95
- **FRK 120 650 150 3200°K GBFRK 29.95
- **FSL 220/30 300 150 3200°K GBFSL 21.95
- **FSK 240/50 300 150 3200°K GBFSK 29.95
- **FRH 220 500 150 3200°K GBFRH 25.95
- **FRL 220 650 150 3200°K GBFRL 45.95

**PHOTOMETRICS WITH FRK LAMP**

- **Flood**
  - Distance: 5’ (1.5m)
  - Footcandles: 282
  - Lux: 3034
  - F-Stop: 11
  - Distance: 10’ (3m)
  - Footcandles: 64
  - Lux: 689
  - F-Stop: 5.6
  - Distance: 15’ (4.5m)
  - Footcandles: 35
  - Lux: 377
  - F-Stop: 4
  - Distance: 20’ (6m)
  - Footcandles: 21
  - Lux: 226
  - F-Stop: 2.8
  - Distance: 25’ (8m)
  - Footcandles: 15
  - Lux: 161
  - F-Stop: 2.8

- **Spot**
  - Distance: 5’ (1.5m)
  - Footcandles: 2130
  - Lux: 22,919
  - F-Stop: 22.5
  - Distance: 10’ (3m)
  - Footcandles: 500
  - Lux: 5380
  - F-Stop: 16
  - Distance: 15’ (4.5m)
  - Footcandles: 250
  - Lux: 2690
  - F-Stop: 11
  - Distance: 20’ (6m)
  - Footcandles: 139
  - Lux: 1496
  - F-Stop: 8.6
  - Distance: 25’ (8m)
  - Footcandles: 91
  - Lux: 979
  - F-Stop: 8

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
ACCESSORIES FOR FREN-L 650

Triangular and Rectangular Barndoors (2 of each) (FR120)
Item # LOBDSFL650 ............... 36.95

Triangular Leaf (1) (FR123)
Item # LOBDLTLFL650 ............ 14.95

Rectangular Leaf (1) (FR122)
Item # LOBDLRLFL650 ............ 14.50

Accessory Gel Brella and Flexi-Shaft Bracket (FR125)
Screws into Fren-L 650 side wall allowing attachment of Tota-frame or Tota-brella.
Item # LOGBGBFL650 ............. 17.50

Full Scrim (FR154)
Stainless steel pop-in screen reduces light by approximately one stop.
Item # LOSSFFL650 .............. 5.95

Half Scrim (FR155)
Stainless-steel pop-in screen covers half of the light and rotates 360° to reduce the light on any part of the subject or background that is too bright.
Item # LOSSHFL650 .............. 5.95

Graduated Scrim (FR156)
Item # LOSGFL650 .............. 9.95

Snoo! (FR153)
With 2.25˝ diameter circular cutoff. Accepts Fren-L patterns as well as Pro-light barndoors and swing-in accessories.
Item # LOFSLFL650 .............. 54.95

Set of 3 Snoo! Patterns (FR158)
Aluminum discs with centered pattern cutouts (1 oval, 1 triangle, 1 circle) fit into snoot front to further shape light beam.
Item # LOSPSFL650 .............. 5.95

VIP Light Controls for Snoo!
The Pro and i-light barndoor frame can be attached to the snoot groove and rotated. One or more doors can be clipped onto the frame to modify the beam shape. A Pro and i-light Swing-in Accessory Holder can be mounted on the frame, and a Diffused Glass, Dichroic Filter or Scrim can be inserted. (See VIP light controls).

The DP Barndoor System
The DP Barndoor Frame (D2-12), and its light control accessories can be mounted on and rotated with the Fren-L 650 barndoor frame. The DP Barndoor accepts the DP Snoo!, Scrim, and Dichroic filter. DP barndoor leaves only can be used directly on the Fren-L 650 frame, however Gel frame can not be used with DP barndoors attached. (See DP light controls).

LOWEL-LIGHT

For traditionalists, the original Lowell-light that started our company in 1959 is back. It has been updated with a wider base plate, a heavier duty power cable and an ETL approval. It's ideal for base and background light, fill light or backlight. The barndoor frame attaches directly to an R-40 reflector lamp for additional control.

Barndoors (BB40)
Original Lowell-light fold-up, rotatable, two-leaf barndoor system. Fits directly onto R-40 lamps.
Item # LOBDL ......... 39.95

Lowell-light (LL1)
Item # LOWELL .................. 61.95

Max. Wattage: 500W
Max. Amperage: 4.2 at 120 volts
Materials: Aluminum, steel & porcelain
Weight: with 8 ft. captive unswitched cable: 1.1 lbs. (457g)
A youthful cousin to the Lowel-light, the tiny L-light is an easy to hide accent light, a quick kicker, a discreet backlight or, with diffusion, a subtle fill. With a variety of mounting and accessory options, it's the perfect answer for those situations where a small versatile light is needed.

**L-LIGHT**

- Light controls: clip-on barndoors, umbrella, gels and glass accessories
- Compatible with many ViP & Tota accessories. Barndoors can control up to R-20 in size
- 2 Mounting options: Stand-link version, mounts on stands, stud clamps, booms, scissor-mounts, etc. Home-plate version allows attachment to poles, stands, 2x4’s, etc., plus floors and other vertical surfaces with Gaffer-tape
- Stores compactly with a lamp and barndoor attached

**L-light with Stand-link** (L210)

- Item # LOLLISSL ............63.50

**L-light with Home-plate** (L215)

- Item # LOLLIHP ............69.95

**ACCESSORIES**

- L-light with Stand-link (L210)
  
  - Item # LOLLISSL ............63.50

- L-light with Home-plate (L215)
  
  - Item # LOLLIHP ............69.95

**MR-16 Clip-on Accessory Holder with Diffused Glass** (L150H)

- Attaches to rim of halogen M R-16 lamps. Softens light; reduces intensity and contrast. Light loss: approx. 50%.
  
  - Item # LOMR16HDG ......24.95

**MR-16 Clip-on Accessory Holder with Dichroic Filter** (L151H)

- Attaches to rim of halogen M R-16 lamps. Converts tungsten to approx. average daylight. Light loss: approx. one stop.
  
  - Item # LOMR16HDF ......35.95

**MR-16 Clip-on Accessory Holder with Booster Blue Filter** (L158H)

- Attaches to rim of halogen M R-16 lamps. Boosts color temperature to approx. 3200K.
  
  - Item # LOMR16HBBF .......29.95

**12´ (3.7m) Cable** (L180)

- Replacement switched #18/3 cable extends L-light’s captive 34˝ cable.
  
  - Item # LOECLL .............21.95

**PHOTO - VIDEO - PRO AUDIO**

- ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
- 1-800-947-9941 • www.bhphotovideo.com
Creating beautiful soft key or fill light doesn’t have to be strenuous or time consuming. Compact, lightweight and self-contained, the Rifa-lite uses a simple design approach as old as the umbrella to achieve its quick and easy setup and strike capabilities. Unlike common, inefficient, soft boxes that must first be assembled and then attached to a light as an accessory, the Rifa is both light and soft box combined. Rifa-lites can easily go from carry bag to stand, fully set up, in 1 minute or less.

**FEATURES**

- Permanently mounted halogen lamp fixture centered in collapsible silver aluminized high temperature Nomex housing
- State-of-the-art woven glass fabric front diffuser offers exceptional heat resistance. Front diffuser must always be used
- Easy access pockets on fabric shell allow clip-on gel attachment for correcting to daylight
- Light controlled with fold-up accessory fabric Egg Crates

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>LC-44</th>
<th>LC-55</th>
<th>LC-66</th>
<th>LC-88</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collapsed Length:</td>
<td>21&quot; (53cm)</td>
<td>24&quot; (61cm)</td>
<td>30&quot; (76cm)</td>
<td>34&quot; (86cm)</td>
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<tr>
<td>Front Size:</td>
<td>16x16&quot; (40x40cm)</td>
<td>21x21&quot; (53x53cm)</td>
<td>25x25&quot; (64x64cm)</td>
<td>32x32&quot; (81x81cm)</td>
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<tr>
<td>Max. Wattage:</td>
<td>300W</td>
<td>500W</td>
<td>750W</td>
<td>1000W</td>
</tr>
<tr>
<td>Max. Amperage:</td>
<td>2.5</td>
<td>4.2</td>
<td>6.25</td>
<td>8.3</td>
</tr>
<tr>
<td>Weight:</td>
<td>2.1 lbs. (1kg)</td>
<td>2.5 lbs. (1.1kg)</td>
<td>3.5 lbs. (1.6kg)</td>
<td>4.5 lbs. (2kg)</td>
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**LAMP SPECIFICATIONS FOR RIFA-LITE LC-44**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>JCV14.5-50WC</td>
<td>12/14</td>
<td>50</td>
<td>100</td>
<td>3200°K</td>
<td>GBJ14.5</td>
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<td>GCC</td>
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<td>100</td>
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<td>GBGCB</td>
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<td>FSH</td>
<td>120</td>
<td>105</td>
<td>250</td>
<td>3200</td>
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<td>GCA</td>
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<td>300</td>
<td>75</td>
<td>3200</td>
<td>GBGCA</td>
<td>18.95</td>
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<tr>
<td>CP/96*</td>
<td>120</td>
<td>300</td>
<td>75</td>
<td>3200</td>
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<td>GLF/PA4</td>
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<td>75</td>
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**LAMP SPECIFICATIONS FOR RIFA-LITE LC-55**

<table>
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<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>EHC</td>
<td>120</td>
<td>500</td>
<td>300</td>
<td>3200°K</td>
<td>GBEHC</td>
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<tr>
<td>EHD</td>
<td>120</td>
<td>500</td>
<td>2000</td>
<td>3000°K</td>
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<td>JCV120V-500WBM</td>
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<tr>
<td>JCV240-500WBM</td>
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<td>3000°K</td>
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**LAMP SPECIFICATIONS FOR RIFA-LITE LC-66 (Can also use LC-55 lamps)**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>EHF</td>
<td>120</td>
<td>750</td>
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<td>GBEHF</td>
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<td>EHG</td>
<td>120</td>
<td>750</td>
<td>2000</td>
<td>3000°K</td>
<td>GBEG</td>
<td>29.95</td>
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<tr>
<td>FKR/230</td>
<td>230</td>
<td>650</td>
<td>300</td>
<td>3200°K</td>
<td>GBFKR230</td>
<td>54.95</td>
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**LAMP SPECIFICATIONS FOR RIFA-LITE LC-88 (Can also use LC-55 and LC-66 lamps)**

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<tr>
<th>Bulb</th>
<th>Voltage</th>
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<th>Life Hours</th>
<th>Color Temp</th>
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<th>Price</th>
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<tbody>
<tr>
<td>FEL</td>
<td>120</td>
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<td>FEP/220</td>
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<td>1000</td>
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<td>3200°K</td>
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## RIFA-LITE ACCESSORIES

### RIFA-LITE

<table>
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<th>Model</th>
<th>Output</th>
<th>Part Number</th>
<th>Price</th>
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<tbody>
<tr>
<td>250W Rifa-lite (LC44)</td>
<td>294.95</td>
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<tr>
<td>500W Rifa-lite (LC55)</td>
<td>409.95</td>
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<tr>
<td>750W Rifa-lite (LC66)</td>
<td>479.95</td>
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<tr>
<td>1000W Rifa-lite (LC88)</td>
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### PHOTO METRICS

#### LC-44 WITH GCA LAMP

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<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>39</td>
<td>420</td>
<td>5.6</td>
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<tr>
<td>10' (3m)</td>
<td>11</td>
<td>118</td>
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#### LC-55 WITH EHC LAMP

<table>
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<th>F-Stop</th>
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</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>88</td>
<td>947</td>
<td>5.6</td>
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<tr>
<td>10' (3m)</td>
<td>23</td>
<td>247</td>
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</tbody>
</table>

#### LC-66 WITH EHF LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>99</td>
<td>1065</td>
<td>5.6</td>
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<tr>
<td>10' (3m)</td>
<td>29</td>
<td>312</td>
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#### LC-88 WITH FEL LAMP

<table>
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<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>183</td>
<td>1969</td>
<td>8</td>
</tr>
<tr>
<td>10' (3m)</td>
<td>53</td>
<td>570</td>
<td>4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

---

### ACCESSORIES FOR RIFA-LITE

#### Replacement Light Diffusers
For all 3 models of Rifa-Lite. Diffuser must always be used.

- **Replacement Light Diffuser for LC-55 (LC55D)**
  - Size: 21x21” (53x53cm).
  - Item # LODRL55 …………. 74.95

- **Replacement Light Diffuser for LC-66 (LC66D)**
  - Size: 25x25” (63.5x63.5cm).
  - Item # LODRL750 …………. 114.95

- **Replacement Light Diffuser for LC-88 (LC88D)**
  - Size: 32x32” (81x81cm).
  - Item # LODRL1000 …………. 148.95

#### Lite Diffusers
Optional accessory diffusers with more translucent front screens for increased output (approx. 20%) as well as sharper shadows.

- **Lite Diffuser for LC-55 (LC55LD)**
  - Size: 21x21” (53x53cm).
  - Item # LODRL55 …………. 78.50

- **Lite Diffuser for LC-66 (LC66LD)**
  - Size: 25x25” (63.5x63.5cm).
  - Item # LODRL66 …………. 102.95

- **Lite Diffuser for LC-88 (LC88LD)**
  - Size: 32x32” (81x81cm).
  - Item # LODRL88 …………. 134.95

#### Rifa-Lite Baffles
Each Rifa-lite also has its own optional baffle, which attaches to the diffuser with velcro.

- **Baffle for LC-55 (LC55B)**
  - Size: 21x21” (53x53cm).
  - Item # LOBRL500 …………. 67.50

- **Baffle for LC-66 (LC66B)**
  - Size: 25x25” (63.5x63.5cm).
  - Item # LOBRL750 …………. 84.50

- **Baffle for LC-88 (LC88B)**
  - Size: 32x32” (81x81cm).
  - Item # LOBRL1000 …………. 84.95

#### Rifa Balance Bar (LC30)
An extension arm accessory that mounts between the Rifa-Lite and its stand fitting. When installed, it effectively changes the Rifa’s center of gravity to facilitate angling and tilting of the light when necessary, such as on a boom arm, without the need to overtighten the stand fitting knob.

- **Balance Bar**
  - Item # LOBBRL …………. 26.95

#### Fabric Egg Crates
For better light control. Each Egg Crate attaches quickly and afterwards folds up to be stored in its own small lightweight bag.

- **20° x 20° Egg Crate**
  - Fabric Egg Crate with 20° dispersion angle.
  - For LC-55 (LC55EC20)
  - Item # LOEC20RL500 …………. 239.95

- **20° x 20° Egg Crate**
  - For LC-66 (LC66EC20)
  - Item # LOEC20RL750 …………. 289.95

- **20° x 20° Egg Crate**
  - For LC-88 (LC88EC20)
  - Item # LOEC20RL1000 …………. 345.95

- **40° x 40° Egg Crate**
  - Fabric Egg Crate with 40° dispersion angle.
  - For LC-55 (LC55EC40)
  - Item # LOEC40RL500 …………. 148.95

- **40° x 40° Egg Crate**
  - For LC-66 (LC66EC40)
  - Item # LOEC40RL750 …………. 186.95

- **40° x 40° Egg Crate**
  - For LC-88 (LC88EC40)
  - Item # LOEC40RL1000 …………. 224.95

---

[20° Egg Crate](#)
[Baffle Light Diffuser](#)
[40° Egg Crate](#)
[Balance Bar](#)
## GEL FRAMES

**Frame-ups**
Fold up light control frames hold gels for color manipulation, light reduction and diffusion or mats for shadow control. Made from durable aluminum alloy, they attach with a Lobo on a separate stand or on the same stand as the light. They pivot 180°, rotate 360°, fold compactly for storage and travel.

**Standard Frame-up (F115)**
For gels 20x24” (50.8x60cm).
Item #LOFUS ........63.50

**Large Frame-up (F120)**
For gels 24x34” (61x86.4cm).
Item #LOFUL ........69.95

**Gel-Jaws (8) (CL15)**
Package of eight clips. Attach to barndoor leaves to hold gels.
Item #LOG ........9.95

**Pro & i Gel Frame (IP40)**
Locks directly into Pro, i and L-lights. Pans and tilts with the light. Collapses for storage. For 5x6” (12.7x15.2cm) gels. Size folded: 6x1x1”。
Item #LOFHPL ........22.50

**Tota Frame (T120)**
Use with Tota/Omni and V-lights. Pans and tilts with the light. Collapses for storage. For 10x12” (25.4x30.5cm) gels. Size folded: 12x1x1”。
Item #LOTF ........26.95

**DP Frame (D224)**
The DP Frame locks directly into the DP, pans and tilts with the light. Permanent gel clips and adjustable support arm. For 12x16” (30.5x40.6cm) gels.
Item #LODPF ........42.50

## GELS

**Blue Frost:** Combines tungsten-to-daylight conversion with frost diffusion in a single gel.

**Day Blue:** Converts tungsten (3200°K) to average daylight.

**ND3:** Neutral density gel reduces light intensity by approx. 2/3 stop without diffusion.

**Frost:** Softens & diffuses. Reduces light intensity by approx. 2/3 stop.

**Assorted:** 3 Day Blue, 1 Frost, 1 ND3.

**Mixed:** 2 Frost, 1 Blue Frost, 1 ND3.

**iP-L-Light Gels**
- **Blue Frost:** Size: 5x6” (15.2x15.2cm).
  - Item #LOIP69 ........6.50
- **Day Blue:**
  - Item #LOIP70 ........5.50
- **ND3:**
  - Item #LOIP71 ........6.50
- **Frost:**
  - Item #LOIP72 ........5.50
- **Booster Blue:**
  - Item #LOFSBBLL .......5.50
- **Assorted Gels:**
  - Item #LOIP78 ........5.50

**Tota/Omni Gels**
- **Blue Frost:** Size: 10x12” (25.4x30.5cm).
  - Item #LOFSBBFTL ....11.95
- **Day Blue:**
  - Item #LOFSDBTL .......11.95
- **ND3:**
  - Item #LOFSNDBTL .......11.95
- **Frost:**
  - Item #LOFSFTL .........11.95
- **Assorted Gels:**
  - Item #LOFSAOL .......12.95

**Mixed Gels**
- Item #LOFSMDPL .......14.50

**DP Gels (4)**
- Size: 12x16” (30.5x40.64cm).
  - Blue Frost (D269)
    - Item #LOFSBLFDPL .......14.50
  - Day Blue (D270)
    - Item #LOFSDBDPL .......14.50
  - ND3 (D271)
    - Item #LOFSN3DPL ......16.50
  - Frost (D272)
    - Item #LOFSFDPL .......14.50
  - Assorted Gels (D278)
    - Item #LOFSMDPL .......14.50

**Tota Frame Gels**
- Item #LOFSBLFDPL .......14.50

**Frame-Up Gels**
- Item #LOFSBLFDPL .......14.50

**Array Frost Gel**
- Size: 24x54” (61x137.2cm)
  - Item #LOFFLA .......19.95

**Pro & i Gels**
- Item #LOFSBLPDLO ......15.00

**Standard Frame-Up Gels (3)**
- Size: 20x24” (50.8x60cm).
  - Day Blue (F170)
    - Item #LOFSDBDPL ......23.50
  - ND3 (F171)
    - Item #LOFSN3DPL ......23.50
  - Frost (F172)
    - Item #LOFSFDPPL ......23.50

**Large Frame-Up Gels (3)**
- Size: 24x34” (61x86.4cm).
  - Day Blue (S270)
    - Item #LOFSDBDL ......32.50

**Gel-Jaws**
- Item #LOG ........9.95

**Pro & i Gel Frame**
- Item #LOFHPL .......22.50

**Tota Frame**
- Item #LOTF ........26.95

**DP Frame**
- Item #LODPF .......42.50
Flags and Blips

Flexi-shaft (2) (T150)
Flexible arm can be bent and rebent. One rotating end simplifies precise positioning of Tota-flags and reflectors as well as Blips. The other end attaches directly to DP, Omni and Tota-lights, a Tota-daptor, Tota-clamp, Tatch or Tilter. Package of 2.
Item #LOFS .................. 23.95

Tota-flag (T152)
Black panel of aircraft alloy aluminum snaps onto Flexi-shaft to shade subject, background or camera lens. Makes a sharper, more controllable shadow than a barndoor. Size: 8x12” (20.3x30.5cm).
Item #LOTFQ .................. 18.95

Tota-flector (T154)
One side diffuse, one side specular panel, mounts on stand with Flexi-shaft and Tota-tatch or clamp, reflects sun or any light source. Perfect for head-and-shoulder shots, small products. Size: 8x12” (20.3x30.5cm).
Item #LOTTQ .................. 13.50

Fin-S (CL21)
There’s only so much a barndoor can do. Fin-S makes up for those limitations. It clamps on an Omni or DP Barndoor leaf; reaches out and pivots in precisely to shape the beam and shade or shadow part of the scene. It provides a sharper, more precise cut than barndoors alone and simplifies the job of cutting lens flare. Two panels can hold a gel. Comes with clamping Pivot-it.
Item #LOFSQ .................. 17.95

Flag-link (VP50)
Attaches to Pro-light and i-light. Accepts one Flexi-shaft.
Item #LOFLPL .................. 7.50

Hollywood-strip (CL10)
2 articulating arms pivot and rotate to create straight, angular or curved shadows on the subject or set, to control bright areas and break up bland surfaces. Hollywood-strip clamps onto a barndoor leaf, to a Fin-S or directly onto the rim of some lights. To attach to a stand, see Blip-clip.
Item #LOHWS .................. 18.50

Blips (2) (CL52)
These bendable, reusable shapes can be positioned precisely to control hot-spots in the scene. Cut them out with ordinary scissors from our .008” thick, black aluminum Blip sheet (designs printed on both sides). Package of 2.
Item #LOB2 .......................... 17.95

Blip-clip (2) (CL50)
Blip-clips lock onto the rotating end of the improved Flexi-shaft. They hold one or two Blips or a Hollywood-strip. Package of 2.
Item #LOBC2 .................. 9.95

Umbrellas

Standard/Silver Tota-brella (T125)
27”, fits directly on Tota/Omni and VIP lights to convert them to soft shadow sources. Woven, soft-silver surface.
Item #LOTBS .................. 29.95

Special/White Tota-brella (T126)
Same as above but with white surface that produces an even softer light.
Item #LOTBW .................. 26.95

Standard/Silver DP Brelia (D225)
41”, fits directly on DP-light to convert it to a soft shadow source. Woven, soft-silver surface.
Item #LODPBS .................. 37.95

Special/White DP Brelia (D226)
Same as above but with white surface that produces an even softer light.
Item #LODPBW .................. 42.50
**Variflector II (V44A)**
Textured Mylar reflecting surface on sturdy aluminum slats with continuously variable 3:1 brightness control in a finger-operated cam lever. Mounts on stand with 5/8” (1.99cm) stud (Lowel Grand Stand recommended). Rolls up to fit in a tube with stand.
Size: 42” x 27” (106.7x68.6cm).
Item # LOVF2 .......................... 395.95

**Replacement Panel (V44RS)**
Reflective panel for Variflector II.
Item # LOPVF2 .......................... 179.95

**Variflector Side Channels (V44CK)**
Item # LOSCVF .......................... 189.95

**Lightflector with Tilter (LFT)**
One side diffused, one side specular aluminum panel, mounts on stand or clamp with Tota-tilter. Tilts; pans; rotates; handheld, it can be bowed for zoom control. 15” x 24” (38.1x61cm).
Item # LOLFT ........................... 81.95

**Lightflector Only (LF)**
Item # LOLF ............................... 81.95

**Tota-flector (T154)**
One side diffused, one side specular aluminum panel, mounts on stand with Flexishaft and Tota-tatch or clamp, reflects sun or any light source.
8” x 12” (20.3x30.5cm).
Item # LOTFZ .............................. 24.95

**Tota-clamp (T130)**
Supports medium weight lights and accessories on a 5/8” (1.59cm) stud that pivots and locks in two positions. The clamp attaches securely to stands, pipes, shelves, etc. up to 1½” (4.8cm) diameter and also accepts two Flexishafts with Flags or Flectors. The stud has a tapped hole to accept accessories that mount with 1/4-20 bolts. Works with Lobo, Tota-tilter, Grip and Interlink.
Item # LOTC ............................... 23.50

**Tota-mount (T132)**
Hangs, open or closed on door-tops. Gaffer-tapes to windows and many wall surfaces to support small lights, such as VIP and Tota/Omni, when stands are unavailable or in the way. With 5/8” (1.59cm) stud. Folds for storage and travel.
Item # LOTM ............................... 28.50

**Grip (KG)**
This versatile heavy-duty clamp attaches to stands, poles, pipes, 2x4’s etc. to support lights with Interlink; makes a boom out of Stand and Pole; works with Space-clamp, Maxa-mount, Frame-up. Tilts 180°; pans 360° and locks securely.
Item # LOG ................................. 29.95

**Interlink (K110)**
Interconnects various Lowell components. Adds multiple mounting positions; joins two Lowell poles (male or female ends) in a straight line or at right angles (90°). Both studs are removable and have a 1/4-20 threaded hole to simplify mounting accessories with 1/4-20 bolts.
Item # LOILZ ............................... 23.50

**Double Male Stud (K111)**
Stud with two 5/8” (1.59cm) ends, one end with 1/4-20 female threaded hole. Works with Missing Link to extend and articulate stands, poles, Scissor Mount, etc.
(Supplied as an integral part of Interlink.)
Item # LOSDM ............................... 9.95

**Lightflector/Tilter Only (LF)**
Item # LOLF ............................... 81.95

**Tota-flector (T154)**
One side diffused, one side specular aluminum panel, mounts on stand with Flexishaft and Tota-tatch or clamp, reflects sun or any light source.
8” x 12” (20.3x30.5cm).
Item # LOTFZ .............................. 24.95

**Screw-in Stud (2) (LSS)**
Standard 5/8” (16mm) mounting stud with safety undercut screws into wooden surfaces such as the top of studio sets to support small lights, flags, reflectors, etc. Set of 2.
Item # LOS ................................. 9.95

**Scissor-mount (2) (CM20)**
Attaches small lights and accessories to grid of dropped-ceilings in offices and other areas. Use Gridlock (CM-21) with Pro-light. Set of 2.
Item # LOSM ............................... 18.50

**Big-foot Scissor-mount (CM31)**
Converts a Scissor-mount or stud with 1/4-20 threaded hole into an instant support for various lights. The broad base provides stability on the floor.
Item # LOBFSM ............................ 22.50
CLAMPS AND MOUNTS

Tota-tilter (T136) A constant tension tilt bracket for mounting Lightflector, small still cameras and accessories. Has a 1/4-20 knurled screw. Fits on 5/8” (1.59cm) or smaller stud; accepts two Flexi-shafts.
Item # LOTT .................. 23.95

Lobo (F130) Positions Maxa-mount, Lobo Arm, frame-ups, flags, umbrellas, etc. Attaches to the top or shaft of stands, to the Space Clamp bar, to any 5/8” (1.59cm) stud or to pipes up to 1” (3.2 cm) diameter. One large knob controls 360°, multi-axis rotation with precise clamping.
Item # LOL .......................... 23.95

Lobo Arm (F140) With 5/8” (1.59cm) stud. Used with Lobo or Grip; extends, articulates and booms small lights, reflectors, etc. Size: 22” (55.9cm) shaft.
Item # LOLA0 .................. 17.50

Lobo Arm and Lobo (F141) 
Item # LOLAL .................. 34.95

Maxa-mount (CM10) Supports (with Gaffer-tape or double-faced tape) light reflecting or control panels, props and products. Tilts, pans and rotates; accepts a Lowel Weight for balance. Mounts on a stand with Lobo or Grip to make a mini boom. Used with seamless paper, it floats props in “limbo”. 5/8” (1.59cm) stud. Size: 27.75” (70.5cm) long; 3/8” (1cm) shaft.
Item # LOMM ........................... 22.50

Lobo and Maxa-mount (CM11) 
Item # LOMML .................. 27.95

Missing-link (ML10) This versatile mounting device features a double articulating female fitting which provides increased flexibility when positioning small lights, flags, reflectors, poles, etc. It can be used in combination with a wide variety of Lowel accessories. Combines with M L-12 and M L-13 stud mounted spring clamps for added versatility.
Item # LOML .................. 27.95

BOOMS AND SUPPORT

Big Boom (SP90) A Full Pole (KP) supported by a Grand Stand (GS) that is rotated using the Lowel Grip (KG). Two Counterweights (LW) keep everything balanced. Moving the boom around the studio is easy thanks to the set of casters (LC) which are provided and can be attached to the stand if preferred. A set of 10 Cable Clips (K4CC) keeps wires and cords attached to the boom and out of the way. Designed for large lights and light modifiers such as flags, scrims and softboxes, and will fit into the Vari reflector case (V44CC) which must be purchased separately.
Item # LOBB .................. 359.95

Basic Boom (SP91) A Full Pole (KP) supported by a KSA Stand (KSA) that is rotated using the Lowel Grip (KG). Two Counterweights (LW) keep everything balanced. A provided set of casters (LC) make moving the boom around the studio easy. They can be attached to the stand if preferred. A set of 10 Cable Clips (K4CC) keeps wires and cords attached to the boom and out of the way. Designed for medium sized lights and light modifiers such as flags, scrims and softboxes.
Item # LOBBQ .................. 299.95

Maxa-mount and Lobo (CM11) 
Item # LOMML .................. 38.50

VIP Boom (SP95) A Lobo arm (F1-40) supported by a Uni-stand (UN-33), that is rotated using the Lobo (F1-30). A Counterweight (LW) keeps everything balanced. Designed for small lights and light modifiers such as flags and scrims.
Item # LOBVIP .................. 119.95

Background Support Kit (SP93) Two KS stands (KS) support two connected Full poles (KP) by use of two Interlinks (K1-10). When fully extended, the Full Poles measure 10’ across. Perfect for holding muslin and canvas backgrounds.
Item # LOBGS .................. 259.95

Small Spring Clamp (5/8” Stud) (ML12) 
Item # LOCS .................. 9.95

Large Spring Clamp (5/8” Stud) (ML13) 
Item # LOCLQ .................. 12.95

Missing Link & Small Spring Clamp (ML16) 
Item # LOMLCS .................. 38.50

Missing Link & Large Spring Clamp (ML17) 
Item # LOMLCL .................. 33.95

Safety Cable (3) (CM50) Braided stainless-steel cable adds security to lights and accessories that are attached to overhead pipes, beams, dropped-ceiling grids, etc. Set of 3.
Item # LO5C .................. 17.95

Cable Clips (10) (K4CC) Reusable quick release cable fasteners. Package of 10.
Item # LOCC .................. 5.95

Cable Clips (40) (KCC) Reusable quick release cable fasteners. Package of 40.
Item # LOCC40 .................. 12.95

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**Uni-stand (UN33)**
A four-section stand that extends to a height of 7’8”. When collapsed, it measures 1’7”. This stand should not be used with any light heavier than an Omni or Tota light.

**Uni Sr. Stand (UN66)**
A three-section stand. Design based on Uni & KS Jr. stands. Collapses smaller than KS Jr., fits into lid of either CaseLite.

**Omni Stand (O133)**
Three-section stand that extends to a height of 9’. When folded, it measures just 2’4”. Designed for all medium-sized lights and accessories. A 5/8” male stud is provided for mounting.

**KS Jr. Stand (DT33)**
A four-section stand that extends to a height of 7’7”. When folded, it measures just 2’4”. Designed for all medium-sized lights and accessories. A 5/8” male stud is provided for mounting.

**KS Stand (KS)**
Two-section stand. Extends to 9’, folds to 3’. Designed for all average-weight lights and accessories. Tubular legs provide a more stable base than the VIP or Omni stands, and feature small holes in the base, for Lowel casters or anchors. A 5/8” male stud is provided for mounting.

**KSA Stand (KSA)**
The same as the KS stand but with a black anodized finish. The three sections of this stand also offer air-cushioning.

**Grand Stand (GSA)**
Two-section air-cushioned stand that extends to a height of 10’. When folded it measures 3’7”. Designed for all large lights and accessories. The tubular legs provide a more stable base than the VIP, Omni, KS and KSA stands, and feature small holes in the base for Lowel casters or anchors. One leg extends to level the stand when used on uneven ground or floors. Finished in a black anodized finish with 5/8” mounting stud.

**Full Pole (KP)**
Extending from a closed length of 2’11” to 7’6” when open, the Full Pole can be used as a stand extension, a boom when used with the Lowel grip or other similar clamp, an assistants light pole or news light pole. The back end features a 5/8” receiver which is capable of accepting any 5/8” or smaller male stud while the front has a 5/8” male stud for mounting lights and accessories. 2 adjustable sections.

**Half Pole (KPH)**
All the same features as the Full Pole, the Half Pole extend from 1’6” when closed to 3’6” when open. 2 adjustable sections.

**Lowel Casters (LC)**
Smooth, rolling, lockable wheels that fit in the leg holes on the KS, KSA and Grand Stand light stands. Extremely helpful when moving booms and large lights around the studio. Three casters per package.

**Lowel Weight (LW)**
A modular counterweight with a 5/8” stud at one end which attaches to the female ends of the Lowel Full and Half poles as well as Lowel booms. A female 5/8” receiver on the back end allows another weight to be attached. This will make an even heavier counterweight. Slots in the side allow this weight to fit in the leg struts of stands, increasing stability.

**Lowel Anchors**
Ground spikes that fit through the leg holes in the KS, KSA and Grand Stand lightstands which securely anchors them on grass, sand, etc. Package of four.
GEL FILES

Tota/Omni Gel File (GF10)
Accepts 10x12” gels for Tota/Omni gel frame. Size: 11x13”.
Item # LOGFT .......................... 12.50

DP Gel File (GF15)
Accepts 10x16” gels for DP gel frame. Size: 13.3x18”.
Item # LOGFDP .......................... 18.50

Standard Gel File (GF20)
Accepts 20x24” industry standard sheet size gels. Size: 21x25”.
Item # LOGF2024 .................. 19.95

LAMPAKS

Tota Lampak (T016)
Stores 2 Tota & 4 Omni lamps.
Item # LOLPTOL ......................... 14.95

DP Lampak (D261)
Stores 4 DP lamps.
Item # LOPDPDL ................. 14.95

DP/Tota Lampak (DT61)
Stores 2 DP and 2 Tota lamps.
Item # LOPDPDTL ............. 15.95

Fren-L Lampak (FR161)
Stores 3 Fren-L lamps.
Item # LOPFL650 ............... 15.95

GEL FILES

Tota/Omni Gel File (GF10)
Accepts 10x12” gels for Tota/Omni gel frame. Size: 11x13”.
Item # LOGFT .......................... 12.50

DP Gel File (GF15)
Accepts 10x16” gels for DP gel frame. Size: 13.3x18”.
Item # LOGFDP .......................... 18.50

Standard Gel File (GF20)
Accepts 20x24” industry standard sheet size gels. Size: 21x25”.
Item # LOGF2024 .................. 19.95

SOFT CASES

Soft cases have loop material interiors and hook partitions for easy versatile arrangement, and a cushioned shoulder strap for comfortable carrying. They’re a cost effective solution if you’re traveling light.

Small Litebag Soft Case (LB30)
Made of polyester with vinyl coated backing
Padded shoulder strap (SS-10)
5 adjustable velcro partitions:
(1) 22x4.5", (4) 7.5x4.5" and
(1) 11.5x3.5"
Accepts Rifa 44; 2 Pro-lights
and 2 V-lights (or 4 Pro-lights) 3 Uni or Uni TO stands, or 2 Omni lights, 3 Uni-stands, or 1 Omni, 2 Tota lights, 3 Uni-stands
Storage pocket in lid
Size: 23x10.5x6.75" (58.4x26.7x17.2cm)
Weight: 4.25 lbs. (1.9kg)
Item # LOLBSD .................. 69.95

Small Litebag Soft Case (LB31)
Same as above, without partitions
Item # LOLBS .................. 69.95

Large Litebag Soft Case (LB35)
Made of polyester with vinyl coated backing
Padded shoulder strap (SS-10)
6 adjustable velcro partitions:
(2) 11.5x3.5", (1) 29x6" and
(3) 7.75x6"
Accepts Rifa 44 or 55; 2 Totas,
2 Omnis (or 4 Omnis)
4 Omni-stands and accessories, or 3 DP-lights and 3 KS Jr. stands
Storage pocket in lid
Size: 30.5x11.5x8.5" (77.5x29.2x21.6cm)
Weight: 5.7 lbs. (2.6kg)
Item # LOLBLD .................. 84.95

Large Litebag Soft Case (LB36)
Same as above, without partitions
Item # LOLBS .................. 84.95

Large Rifa Litebag (LB45)
Made of polyester with vinyl coated backing
Padded shoulder strap (SS-10)
Accepts 2 Rifas (44 or 55) or 1 Rifa & 1 Uni/T0/Uni Sr. stand
Size: 29.5x8x8.25" (75x8.3/21.6x21.6cm)
Weight: 2.5 lbs. (1.13kg)
Item # LOCRLS .................. 54.95

Roll Up Carrier (RU)
Heavy-duty reinforced canvas, over-the-shoulder carrier
Transports many stands, Poles, Brellas and gels
Size: 52x36" (132x91cm)
Weight: 3.25 lbs. (1.5kg)
Item # LORUC .................. 107.95

Small Rifa Litebag (LB45)
Made of polyester with vinyl coated backing
Padded shoulder strap (SS-10)
Accepts 2 Rifa-lites (88 or smaller) and 2 KS stands
Size: 36.25x8x8.25" (92x21x21.6cm)
Weight: 3.3 lbs. (1.5kg)
Item # LOCRL .......................... 54.95

Large Rifa Litebag (LB40)
Made of polyester with vinyl coated backing
Padded shoulder strap (SS-10)
Accepts 2 Rifa-lites (88 or smaller) and 2 KS stands
Size: 36.25x8x8.25" (92x21x21.6cm)
Weight: 3.3 lbs. (1.5kg)
Item # LOCRL .......................... 54.95

Roll Up Carrier (RU)
Heavy-duty reinforced canvas, over-the-shoulder carrier
Transports many stands, Poles, Brellas and gels
Size: 52x36" (132x91cm)
Weight: 3.25 lbs. (1.5kg)
Item # LORUC .................. 107.95
CONTINUOUS LIGHTING

WITH MOVABLE PARTITIONS

GO 85 Case (GO85)
- High-impact molded polyethylene case, hinged-lid
- Padded shoulder strap (SS-10)
- Holds 4 Omni-lights or 4 Tota-lights, or combinations which can also include Rifa 44, Pro and V-lights, plus 4 Uni or Uni TO stands
- Includes the following partitions: (2) 6x4”, (4) 7.75x4”, (3) 4.5x4”, (2) 3x4”, (1) 22.75x4” and (1) 11.5x3.5”
- Size: 23.75x13.5x7” (60.3x34.3x17.8cm)
- Weight: 10.3 lbs. (4.7kg)
Item # LOC GO85..............174.50

Tota/Omni 84 Case (TO84Z)
- High-impact molded polyethylene case, hinged-lid
- Holds 4 Omni-lights and 2 Totas or 2 Omni-lights and 6 Totas, or a combination of Pro and V-lights, plus Rifa 44 or 55 and 4 or 5 Omni stands, plus some accessories
- Includes the following partitions: (2) 6x4”, (4) 7.75x4”, (3) 4.5x4”, (2) 3x4”, (1) 29.25x4” and (2) 11.5x3.5”
- Size: 29.5x13x7” (74.9x33x17.8cm)
- Weight: 10.3 lbs. (4.7kg)
Item # LOC TO84Z.............189.95

Tota/Omni 83 Case (TO83)
- High-impact molded polyethylene case, hinged-lid
- Padded shoulder strap (SS-10)
- Compact case more efficiently stores Tota/Omni lights, Omni stands and accessories
- Permanent length-wise partition separates lights from stands
- All others are movable partitions
- Accepts the Omni stand
- Holds 4 Omnis or 4 Totas, or combinations which can also include Rifa 44 or 55, Pro and V-lights, plus 4 Omni stands with room for accessories
- Includes the following partitions: (2) 6x4”, (4) 7.75x4”, (3) 4.5x4”, (2) 3x4”, (1) 29.25x4” and (1) 11.5x3.5”
- Size: 29.5x13x7” (74.9x33x17.8cm)
- Weight: 11.5 lbs. (5.2kg)
Item # LOC TO83..............189.95

VIP CASES

V Shoulder Case (V85)
- High-impact molded polyethylene case
- Padded shoulder strap (SS-10)
- Holds 2 V-lights or Rifa-44, Uni or Uni TO stands and some accessories
- Can be carried on the shoulder or in-hand
- Size: 23.5x6.25x6.25” (59.6x15.9x15.9cm)
- Weight: 4.75 lbs. (2.2kg)
Item # LOCOSVLV85........119.95

VIP Shoulder Case (VP86)
- High-impact molded Polyethylene case
- Padded shoulder strap (SS-10)
- Separate lid and adjustable straps allow height variation
- Holds 2 V-lights and 2 Pro or Uni stands and accessories
- Can be carried on the shoulder or in-hand
- Size: 29.5x17x7” (74.9x43.2x17.8cm)
- Weight: 10.3 lbs. (4.7kg)
Item # LOCOSVP86........135.95

TOTA/OMNI CASES

Tube Case (T182)
- High-impact molded polyethylene case
- Padded shoulder strap (SS-10)
- Separate lid and adjustable straps allow height variation (7.5” max.)
- Holds 4 Omnis or 4 Totas, or combinations which can also include Rifa 44, Pro and V-lights, plus some accessories
- Can be carried on the shoulder or in-hand
- Size: 30.75x8.5x6.5” (78.1x21.6x16.5cm)
- Weight: 7.5 lbs. (3.4kg)
Item # LOC TLT182........128.95

Omni 86 Case (O182)
- High-impact molded polyethylene case, hinged-lid
- Padded shoulder strap (SS-10)
- Separate lid and adjustable straps allow height variation
- Holds 4 Omnis or 4 Totas, or combinations which can also include Rifa 44, Pro and V-lights, plus some accessories
- Can be carried on the shoulder or in-hand
- Size: 30.75x7.5x6” (78.1x19.1x15.9cm)
- Weight: 7.5 lbs. (3.4kg)
Item # LOC OLO186Z........317.95

RIFA CASES

Rifa Small Tube Case (R182)
- For Rifa 44 and 55
- High-impact molded polyethylene case
- Padded shoulder strap (SS-10)
- Separate lid and adjustable straps allow height variation
- Holds 2 Rifas or Rifas & a Uni TO stand, plus accessories
- Can be carried on the shoulder or in-hand
- Size: 30.75x8.5x6.5” (78.1x21.6x16.5cm)
- Weight: 6.5 lbs. (3kg)
Item # LOC RLR182........119.95

Rifa Large Tube Case (R183)
- For Rifa 88 and smaller
- High impact molded polyethylene case
- Padded shoulder strap (SS-10)
- Separate lid and adjustable straps allow height variation
- Holds 2 Rifas or 1 Rifa and 1 KS stand plus accessories
- Can be carried on the shoulder or in-hand
- Size: 37.75x7.5x6.5” (95.9x19.1x15.9cm)
- Weight: 7 lbs. (3.2kg)
Item # LOC RLR183........148.95

Equipment Leasing Available
### LOWEL HARD CASES/KITS

#### DP/FREN-L CASES

**DP Multi Case** (MCSEM)
- High-impact molded polyethylene case, hinged-lid
- Holds 4 DP-lights and 4 KS stands
- Size: 37.5x17.5x9” (95.3x45.1x22.9cm)
- Weight: 19 lbs. (8.6kg)
- Item # LOCFLM CSEM .... 329.95

**Fren-L Multi Case** (MCSEM)
- Same as M CSEM with 3 Fren-L foam inserts. Holds 4 Fren-L 650s and 4 KS stands.
- Item # LOCFLM CSE .... 357.95

**Rifa Multi Case** (MCSEM)
- Same as M CSEM with length-wise partitions only to hold 4 Rifas (88 or smaller) and 4 stands (KS or smaller)
- Item # LOCRLM ............. 309.95

**DP-Uni Case** (DT83)
- High-impact molded polyethylene case, hinged-lid
- Padded shoulder strap (SS-10)
- Holds 2 Totas and 1 DP light or 2 DPs, plus Uni TO stands and some accessories
- Size: 23.8x13.5x10.8” (60.4x34.3x27.3cm)
- Weight: 10 lbs. (4.6kg)
- Item # LOCDPDT83....... 209.50

**DP3 Case** (DT84M)
- High-impact molded polyethylene case, hinged-lid
- Holds 3 DPs, 2 Totas plus 4 KS Jr. stands and accessories
- Size: 29.5x17x9” (74.9x43.2x22.9cm)
- Weight: 15.25 lbs. (6.9kg)
- Item # LOCFLDT84M .... 297.50

**DP Fren-L Case** (DTF84)
- Same as DT84M with 3 Fren-L foam inserts. Holds 3 Fren-L 650s, 2 Totas plus 4 KS Jr. stands and accessories
- Item # LOCFLDTF84 ..... 313.95

**Lowel-light Case (K5C)**
- High-impact molded polyethylene case, hinged-lid
- Holds 5 Lowel-lights (less lamps), 5 complete Barndoors (BR-40), 1 roll Gaffer-tape
- Size: 13x10x4.9” (33x25.4x12.5cm)
- Weight: 2.5 lbs. (1.13kg)
- Item # LOK5C ............ 79.95

**Variflector Case** (V44CCZ)
- High impact polyethylene tubular case
- Transports 1 complete Variflector; 1 GSA stand
- Size: 52x7.5” diameter (132x19cm)
- Weight: 4.75 lbs. (2.21kg)
- Item # LOCVFV44CCZ . 119.95

**DP Uni Case**
- High-impact molded polyethylene case, hinged-lid
- Padded shoulder strap (SS-10)
- Holds 2 Totas and 1 DP light or 2 DPs, plus Uni TO stands and some accessories
- Size: 23.8x13.5x10.8” (60.4x34.3x27.3cm)
- Weight: 10 lbs. (4.6kg)
- Item # LOCDPDT83....... 209.50

**DP3 Case** (DT84M)
- High-impact molded polyethylene case, hinged-lid
- Holds 3 DPs, 2 Totas plus 4 KS Jr. stands and accessories
- Size: 29.5x17x9” (74.9x43.2x22.9cm)
- Weight: 15.25 lbs. (6.9kg)
- Item # LOCFLDT84M .... 297.50

**DP Fren-L Case** (DTF84)
- Same as DT84M with 3 Fren-L foam inserts. Holds 3 Fren-L 650s, 2 Totas plus 4 KS Jr. stands and accessories
- Item # LOCFLDTF84 ..... 313.95

#### L-LIGHT KITS

**Lowel-Light Kit** (K5BR)
- Consists of:
  - 5- Lowel lights, less lamps (LL-1)
  - 5- Barndoors (BR-40)
  - 1- 12-yard roll gaffer tape (GT-12)
  - 1- K5C case (K5C)
- Weight: 7 lbs. (3.2kg)
- Item # LOK5BR .......... 498.95

**L-light Mid-L Kit** (L193U)
- Consists of:
  - 3- L-lights, less lamps, with stand-links and cables (L1-10)
  - 2- Homeplates (L1-32)
  - 1- 12-yard roll gaffer tape (GT-12)
  - 1- Scissor-mounts set of 2 (CM-20)
  - 3- 4-way clip-on barndoors (L1-20)
  - 1- Gel-jawz package of 8 (CL-15)
  - 2- iP gel packs Day Blue (iP-70) and Frost (iP-72)
  - 2- Uni-stands (UN-33)
  - 1- Tube case (T1-82)
- Weight: 13 lbs. (5.9kg)
- Item # LOL193U ........... 463.50

**L-light Mid-L Kit** (L193U5)
- Same as L193U, with 1- GO-85 case
- Item # LOL193U5 ......... 489.50

**L-light Mid-L Kit** (L193ULB)
- Same as L193U, with 1- LB-30 soft case
- Item # LOL193ULB ...... 463.50

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
Lowel Multi System Kits combine light fixtures with lamps, stands and accessories from our wide range of different lighting systems to bring a new level of versatility to our kits. All draw from the Tota/Omi, VIP and Rifa-lite systems to create kit combinations that fit most needs and budgets. Some have hard case options that offer room to grow.

**DV Creator 1 Kit (DV901Z)**

- Consists of:
  - 1- Pro-light (P1-10)
  - 1- Pro-light barndoors (iP-20)
  - 1- 250w, 120v lamp (GCA)
  - 1- Omni-light (O1-10)
  - 1- Omni-light barndoors (O1-20)
  - 1- 1- 500w, 120v lamp (FTK)
  - 1- Tota-light (T1-10)
  - 1- Assorted gels (T1-78)
  - 1- Pro & i Gel Frame (iP-40)
  - 1- iP Assorted Gels (iP-78)
  - 1- Set (2) Flexi-shafts (T1-50)
  - 1- Tota-frame (T1-20)
  - 1- Tota-brella (T1-25)
  - 1- T/O Lampak (TO-61)
  - 1- GO-85 Case.

**DV Creator 44 Kit (DV9042Z)**

- Same as above, with TO-83 case.

**DV Creator 45 Kit (DV9043Z)**

- Same as above, with TO-83 case.

**DV Creator 44 Kit (DV9022Z)**

- Consists of:
  - 1- Rifa-light 44 (LC-44)
  - 1- 250w, 120v lamp (GCA)
  - 1- Pro-light (P1-10)
  - 1- Pro-light barndoors (iP-20)
  - 1- 250w, 120v lamp (GCA)
  - 1- Omni-light (O1-10)
  - 1- Omni-light barndoors (O1-20)
  - 1- 1- 500w, 120v lamp (FTK)
  - 1- Tota-light (T1-10)
  - 1- Assorted gels (T1-78)
  - 1- Pro & i Gel Frame (iP-40)
  - 1- iP Assorted Gels (iP-78)
  - 1- Set (2) Flexi-shafts (T1-50)
  - 1- Tota-frame (T1-20)
  - 1- Tota-brella (T1-25)
  - 1- T/O Lampak (TO-61)
  - 1- ViP Lampak (ViP-61)
  - 1- GO-85 Case.

**DV Creator 55 Kit (DV9032Z)**

- Consists of:
  - 1- Rifa-light-55 (LC-55)
  - 1- 500w, 120v lamp (EH C)
  - 1- Pro-light (P1-10)
  - 1- Pro-light barndoors (iP-20)
  - 1- 250w, 120v lamp (GCA)
  - 1- Omni-light (O1-10)
  - 1- Omni-light barndoors (O1-20)
  - 1- 500w, 120v lamp (FTK)
  - 1- Tota-light (T1-10)
  - 1- 750w, 120v lamp (EMD)
  - 1- Uni TO stands (UN-55)
  - 1- KS Jr. stand (DT-33)
  - 1- Omni full scrim (O1-54)
  - 1- Omni half scrim (O1-55)
  - 1- Pro-light (P1-10)
  - 1- Pro-light barndoors (iP-20)
  - 1- 250w, 120v lamp (GCA)
  - 5- Omni stands (O1-33)
  - 1- Uni TO stands (UN-55)
  - 1- KS Jr. stand (DT-33)
  - 1- Omni full scrim (O1-54)
  - 1- Omni half scrim (O1-55)
  - 1- Pro-light (P1-10)
  - 1- Pro-light barndoors (iP-20)
  - 1- 250w, 120v lamp (GCA)
  - 5- Omni stands (O1-33)
  - 1- KS Jr. stand (DT-33)
  - 1- Omni full scrim (O1-54)
  - 1- Omni half scrim (O1-55)
  - 2- Tota-brellas (T1-25)
  - 3- Tota-frames (T1-20)
  - 2- Assorted gels (T1-78)
  - 1- Pro & i Gel Frame (iP-40)
  - 1- Pro & i Gels (iP-78)
  - 1- VIP Lampak (ViP-61)
  - 1- Tota-frame (T1-20)
  - 1- ViP Lampak (ViP-61)
  - 1- GO-85 Case.

**DV Creator 55 Kit (DV9032Z)**

- Consists of:
  - 1- Rifa-light-55 (LC-55)
  - 1- 500w, 120v lamp (EH C)
  - 1- Pro-light (P1-10)
  - 1- Pro-light barndoors (iP-20)
  - 1- 250w, 120v lamp (GCA)
  - 1- Omni-light (O1-10)
  - 1- Omni-light barndoors (O1-20)
  - 1- 500w, 120v lamp (FTK)
  - 1- Tota-light (T1-10)
  - 1- 750w, 120v lamp (EMD)
  - 1- Uni TO stands (UN-55)
  - 1- KS Jr. stand (DT-33)
  - 1- Omni full scrim (O1-54)
  - 1- Omni half scrim (O1-55)
  - 1- Pro-light (P1-10)
  - 1- Pro-light barndoors (iP-20)
  - 1- 250w, 120v lamp (GCA)
  - 5- Omni stands (O1-33)
  - 1- KS Jr. stand (DT-33)
  - 1- Omni full scrim (O1-54)
  - 1- Omni half scrim (O1-55)
  - 2- Tota-brellas (T1-25)
  - 3- Tota-frames (T1-20)
  - 2- Assorted gels (T1-78)
  - 1- Pro & i Gel Frame (iP-40)
  - 1- Pro & i Gels (iP-78)
  - 1- VIP Lampak (ViP-61)
  - 1- Tota-frame (T1-20)
  - 1- ViP Lampak (ViP-61)
  - 1- GO-85 Case.

**Super Ambi Kit (TORP955)**

- Consists of:
  - 2- Tota-lights (T1-10)
  - 2- 750w, 120v lamps (EMD)
  - 2- Omni-lights (O1-10)
  - 2- 500w, 120v lamps (FTK)
  - 2- Omni stands (O1-33)
  - 1- KS Jr. stand (DT-33)
  - 1- Omni full scrim (O1-54)
  - 1- Omni half scrim (O1-55)
  - 2- Tota-frames (T1-20)
  - 2- Assorted gels (T1-78)
  - 1- Pro & i Gel Frame (iP-40)
  - 1- Pro & i Gels (iP-78)
  - 1- VIP Lampak (ViP-61)
  - 1- Tota-frame (T1-20)
  - 1- Pro & i Gel Frame (iP-40)
  - 1- Pro & i Gels (iP-78)
  - 1- VIP Lampak (ViP-61)
  - 1- ViP Lampak (ViP-61)
  - 1- GO-85 Case.

**Super Ambi Kit (TORP955)**

- Consists of:
  - 2- Tota-lights (T1-10)
  - 2- 750w, 120v lamps (EMD)
  - 2- Omni-lights (O1-10)
  - 2- 500w, 120v lamps (FTK)
  - 2- Omni stands (O1-33)
  - 1- KS Jr. stand (DT-33)
  - 1- Omni full scrim (O1-54)
  - 1- Omni half scrim (O1-55)
  - 2- Tota-brellas (T1-25)
  - 3- Tota-frames (T1-20)
  - 2- Assorted gels (T1-78)
  - 1- Pro & i Gel Frame (iP-40)
  - 1- Pro & i Gels (iP-78)
  - 1- VIP Lampak (ViP-61)
  - 1- Tota-frame (T1-20)
  - 1- ViP Lampak (ViP-61)
  - 1- GO-85 Case.

**Super Ambi Kit (TORP955)**

- Consists of:
  - 2- Tota-lights (T1-10)
  - 2- 750w, 120v lamps (EMD)
  - 2- Omni-lights (O1-10)
  - 2- 500w, 120v lamps (FTK)
  - 2- Omni stands (O1-33)
  - 1- KS Jr. stand (DT-33)
  - 1- Omni full scrim (O1-54)
  - 1- Omni half scrim (O1-55)
  - 2- Tota-brellas (T1-25)
  - 3- Tota-frames (T1-20)
  - 2- Assorted gels (T1-78)
Lightweight and easy to carry, these popular kits have varying combinations of Pro and V-lights, plus lamps and accessories. The majority of the kits come in the GO-85 Case, with its movable velcro partitions for custom kit arrangement. Kits in this case can travel as “carry-on” baggage. Most also come with an air-cushioned carry strap. All kits have a Litebag soft case option, with movable velcro partitions, as a lightweight cost effective alternative.
These add additional fixtures, lamps and accessories creating easy to carry kits with more advanced abilities. The ViP DV Core Kits add compact, quick setup, ultra-soft Rifa-lites to complement the abilities of the ViP System. Choose the DV Core 250 Kit to add a 250w Rifa-44 or the DV Core 500 Kit which adds the 500w Rifa-55, along with gel frames and gels, for a compact kit with big possibilities. All ViP Kits come with lamps.

<table>
<thead>
<tr>
<th>Kit Name</th>
<th>Description</th>
<th>Includes Lampholder</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DV Core 250 Kit</td>
<td>Consists of: 1- Pro-light (P1-10), 1- 250w, 120v lamp (GCA), 1- Pro-light 4-way barndoors (IP-20), 1- V-light (V1-10), 1- 500w, 120v lamp (GDA), 1- Pro-light barndoors (iP-20), 1- Uni-stands (UN-33), 1- KS Jr. stand (DT-33), 1- Tota-frame (T1-20), 1- Tota-brella (T1-25), 1- Assorted gels (T1-78), 1- Pro &amp; i gel frame (IP-40), 1- iP gels (IP-78), 1- Clear glass (IP-49), 1- Swing-in diffuser (IP-50H), 1- ViP lampak (ViP-61), 1- DP/Rifa lampak (D2-61), 1- TO-83 case</td>
<td>Yes</td>
<td>27 lbs. (12.25kg)</td>
<td>$952.95</td>
</tr>
<tr>
<td>DV Core 500 Kit</td>
<td>Consists of: 1- Pro-light (P1-10), 1- 250w, 120v lamp (GCA), 1- Pro-light 4-way barndoors (IP-20), 1- V-light (V1-10), 1- 500w, 120v lamp (GDA), 1- Pro-light barndoors (iP-20), 1- Uni-stands (UN-33), 1- KS Jr. stand (DT-33), 1- Tota-frame (T1-20), 1- Tota-brella (T1-25), 1- Assorted gels (T1-78), 1- Pro &amp; i gel frame (IP-40), 1- iP gels (IP-78), 1- Clear glass (IP-49), 1- Swing-in diffuser (IP-50H), 1- ViP lampak (ViP-61), 1- DP/Rifa lampak (D2-61), 1- TO-83 case</td>
<td>Yes</td>
<td>31 lbs. (14kg)</td>
<td>$1102.50</td>
</tr>
<tr>
<td>DV Pro 44 Kit</td>
<td>Consists of: 2- Pro-light (P1-10), 2- 250w, 120v lamps (GCA), 2- Pro-light 4-way barndoors (IP-20), 2- V-lights (V1-10), 2- 500w, 120v lamps (GDA), 1- Pro-light barndoors (iP-20), 1- Uni-stands (UN-33), 1- KS Jr. stand (DT-33), 1- Tota-frame (T1-20), 1- Tota-brella (T1-25), 1- Assorted gels (T1-78), 1- Pro &amp; i gel frame (IP-40), 1- iP gels (IP-78), 1- Clear glass (IP-49), 1- Swing-in diffuser (IP-50H), 1- ViP lampak (ViP-61), 1- DP/Rifa lampak (D2-61), 1- TO-83 case</td>
<td>Yes</td>
<td>31 lbs. (14kg)</td>
<td>$1102.50</td>
</tr>
<tr>
<td>DV Pro 55 Kit</td>
<td>Consists of: 2- Pro-light (P1-10), 2- 250w, 120v lamps (GCA), 2- Pro-light 4-way barndoors (IP-20), 2- V-lights (V1-10), 2- 500w, 120v lamps (GDA), 1- Pro-light barndoors (iP-20), 1- Uni-stands (UN-33), 1- KS Jr. stand (DT-33), 1- Tota-frame (T1-20), 1- Tota-brella (T1-25), 1- Assorted gels (T1-78), 1- Pro &amp; i gel frame (IP-40), 1- iP gels (IP-78), 1- Clear glass (IP-49), 1- Swing-in diffuser (IP-50H), 1- ViP lampak (ViP-61), 1- DP/Rifa lampak (D2-61), 1- TO-83 case</td>
<td>Yes</td>
<td>31 lbs. (14kg)</td>
<td>$1102.50</td>
</tr>
</tbody>
</table>
TOTA-LIGHT KITS

**Trans-kit (T1923LBZ)**
Same as above, with LB-35 soft case.
Weight: 23.25 lbs. (10.6kg)
Item #LOT1923LBZ ..........717.50

**GO Tube Kit (T1902)**
Consists of:
2 - Tota-lights (T1-10)
2 - 750w, 120v lamps (EMD)
2 - Omni stands (O1-33)
1 - Tota-brella (T1-25)
1 - Tota-frame (T1-20)
1 - Assorted gels (T1-78)
1 - Tota lampak (T1-61)
1 - Tube case (T1-82)
Weight: 19 lbs. (8.6kg)
Item #LOT1902Z ..........513.50

**TO GO 95 Kit (GO95LBZ)**
Same as above, with LB-30 soft case. Weight: 16 lbs. (7kg)
Item #LOT190LBZ ..........496.95

**Omni-Light Kits**

**Action Kit (O192Z)**
Consists of:
3 - Omni-lights (O1-10)
3 - 500w, 120v lamps (FTK)
3 - Omni stands (O1-33)
3 - Omni barndoors (O1-20)
1 - Omni-lampak (O1-61)
1 - Tota/Omni case (TO-84Z)
Weight: 37 lbs. (16.8kg)
Item #LOO192Z ..........1124.95

**Omni 3 Kit (O193Z)**
Consists of:
3 - Omni-lights (O1-10)
3 - 500w, 120v lamps (FTK)
3 - Omni stands (O1-33)
3 - Omni barndoors (O1-20)
2 - Full scrim (O1-54)
1 - Half scrim (O1-54)
1 - Tota-brella (T1-25)
3 - Tota-frames (T1-20)
2 - Assorted gels (T1-78)
1 - Tota-mount (T1-32)
1 - Tota-clamp (T1-30)
1 - 12-yd. roll gaffer tape (GT-12)
1 - Omni-lampak (O1-61)
1 - Tota/Omni case (TO-84Z)
Weight: 37 lbs. (16.8kg)
Item #LOO193Z ..........1124.95

**Omni 4 Kit (O195Z)**
Consists of:
4 - Omni-lights (O1-10)
4 - 500w, 120v lamps (FTK)
4 - Omni stands (O1-33)
4 - Omni barndoors (O1-20)
1 - Omni-lampak (O1-61)
1 - Omni case (O1-86Z)
Weight: 43 lbs. (19.5kg)
Item #LOO195Z ..........1307.95

**Omni 3 Kit (O193LBZ)**
Same as above, with LB-35 soft case. Weight: 32.5 lbs. (14.8kg)
Item #LOO193LBZ ..........1008.95

**Omni 4 Kit (O195LBZ)**
Same as above, with TO-83 case. Weight: 37 lbs. (16.8kg)
Item #LOO195LBZ ..........1188.50

**TO GO 96 Kit (GO96LBZ)**
Same as above, with LB-30 soft case. Weight: 17.75 lbs. (8kg)
Item #LOGO96LBZ ..........599.95
# Tota/Omni Kits

<table>
<thead>
<tr>
<th>Model</th>
<th>Kit Name</th>
<th>Description</th>
<th>Consists of</th>
<th>Price</th>
</tr>
</thead>
</table>
| TO GO 97 Kit (GO97Z) | Tota Kit (TO97Z) | Basic 3 Kit                                                                  | 2 - Tota-lights (T1-10)  
2 - 750W, 120v lamps (EMD)  
1 - Omni-light (O1-10)  
1 - 500W, 120v lamp (FTK)  
1 - Omni barndoor (O1-20)  
1 - Tota-frame (T1-20)  
1 - Assorted gels (T1-78)  
1 - Tota-brella (T1-25)  
1 - Omni full scrim (O1-54)  
3 - Uni TO stands (UN-55)  
1 - Tota/Omni lampak (TO-61)  
1 - GO-85 case | 28 lbs. (12.7kg)  
Item # LOTO97Z ......796.95 |
| TO GO 97 Kit (GO97LBZ) | Tota Kit (TO97LBZ) | Basically 3 Kit                                                             | 2 - Tota-lights (T1-10)  
2 - 750W, 120v lamps (EMD)  
1 - Omni-light (O1-10)  
1 - 500W, 120v lamp (FTK)  
1 - Omni barndoor (O1-20)  
1 - Tota-frame (T1-20)  
1 - Assorted gels (T1-78)  
1 - Tota-brella (T1-25)  
1 - Omni full scrim (O1-54)  
2 - Tota-frames (T1-20)  
3 - Assorted gels (T1-78)  
1 - Tota/Omni lampak (TO-61)  
1 - GO-85 case | 28 lbs. (12.7kg)  
Item # LOTO97LBZ ......732.50 |
| TO GO 98 Kit (GO98Z) | Tota Kit (TO98Z) | Ambi Kit                                                                     | 2 - Tota-lights (T1-10)  
2 - 750W, 120v lamps (EMD)  
2 - Omni-lights (O1-10)  
2 - 500W, 120v lamps (FTK)  
1 - Omni stands (O1-33)  
2 - Omni barndoors (O1-20)  
2 - Full scrims (O1-54)  
1 - Half scrim (O1-55)  
2 - Tota-brellas (T1-25)  
4 - Tota-frames (T1-20)  
2 - Assorted gels (T1-78)  
2 - Tota-flags (T1-52)  
1 - Tota-flector (T154)  
4 - Flexi-shafts - 2 packages (T1-50)  
1 - Tota-tatch (T1-34)  
1 - Tota-mount (T1-32)  
2 - Tota-clamps (T1-30)  
1 - Large space clamp (SC-10)  
2 - Tota-flags (T1-52)  
1 - Tota-flector (T154)  
4 - Flexi-shafts - 2 packages (T1-50)  
1 - Tota-tatch (T1-34)  
1 - Tota-mount (T1-32)  
2 - Tota-clamps (T1-30)  | 30 lbs. (13.6kg)  
Item # LOTO98Z ......878.50 |
| TO GO 98 Kit (GO98LBZ) | Tota Kit (TO98LBZ) | Ambi Kit                                                                     | 2 - Tota-lights (T1-10)  
2 - 750W, 120v lamps (EMD)  
2 - Omni-lights (O1-10)  
2 - 500W, 120v lamps (FTK)  
1 - Omni stands (O1-33)  
2 - Omni barndoors (O1-20)  
1 - Full scrim (O1-54)  
1 - Omni diffused glass (O1-50)  
3 - Uni TO stands (UN-55)  
1 - Tota/Omni lampak (TO-61)  
1 - GO-85 case | 28 lbs. (12.7kg)  
Item # LOTO98LBZ ......824.95 |
Combining the focusing ability of the Omni-light and the broad throw of the Tota-light with the quick set-up Rifa-lite soft source, has created the Tota/Omni Core Kits. There are now 2 to choose from, with either 250w Rifa-44, or 500w Rifa-55. Both have also been enhanced with added light control and mounting accessories, plus they now come with lamps.

Tota/Omni System Plus Kits

Tota/Omni Core 44 Kit (TCP94)
Consists of:
1 - Tota-light (T1-10)
1 - 750w, 120v lamp (EM D)
1 - Omni-light (O1-10)
1 - 500w, 120v lamp (FTK)
1 - Omni barndoors (O1-20)
1 - Rifa-lite 44 (LC-44)
1 - 250w, 120v lamp (GCA)
3 - Uni TO stands (UN-55)
1 - Tota-frame (T1-20)
1 - Tota-brela (T1-25)
1 - Assorted gels (T1-78)
1 - Tota-clamp (T1-30)
1 - Tota-mount (T1-32)
1 - Omni diffused glass (O1-50)
2 - Tota-shades (T1-33)
1 - Tota/Omni lampak (TO-61)
1 - DP/Rifa lampak (D2-61)
1 - Tota/Omni TO-83 case
Weight: 30 lbs. (13.6kg)
Item #LATOR94 .................1072.50

Tota/Omni Core 44 Kit (TCP943)
Same as above, with TO-83 case.
Weight: 31 lbs. (14.2kg)
Item #LATOR943 ............1079.95

Tota/Omni Core 44 Kit (TCP94L)
Same as above, with LB-35 soft case.
Weight: 24 lbs. (10.9kg)
Item #LATOR94L ............978.95

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DP Light Kits

DP 3 Kit (DPT932)
Consists of:
3 - DP-lights (D2-10)
3 - 1000w, 120v lamps (FEL)
3 - KS stands (KS)
3 - DP barndoors (D2-20)
1 - Lobo (F1-30)
1 - Tota-clamp (T1-30)
1 - DP lampak (D2-61)
1 - Multi-case (MCSEM)
Weight: 47 lbs. (21.4kg)
Item #LODP932 ............1382.95

DP 4 Kit (DPT94Z)
Consists of:
4 - DP-lights (D2-93)
4 - 1000w, 120v lamps (FEL)
4 - KS stands (KS)
4 - DP barndoors (D2-20)
1 - Lobo (D2-61)
1 - Multi-case (MCSEM)
Weight: 54 lbs. (24.5kg)
Item #LODP94Z ............1569.95

Close Quarters Kit (DPT972)
Consists of:
4 - DP-lights (D2-10)
4 - 1000w, 120v lamps (FEL)
4 - KS stands (KS)
4 - DP barndoors (D2-20)
1 - #B superspot reflector (D2-17)
2 - Full scrims (D2-54)
1 - Half scrim (D2-55)
1 - Graduated scrim (D2-56)
2 - DP-frames (D2-24)
1 - Mixed gels (D2-78)
1 - Day blue gels (D2-70)
1 - Large space clamp (SC-10)
1 - DP lampak (D2-61)
1 - Multi-case (MCSEM)
Weight: 57 lbs. (25kg)
Item #LODP972 ............1756.50
DP SYSTEM PLUS KITS

The high output, variable focus, DP Light is available in a wide range of kit possibilities. There are 4 DP Kits with various combinations of DPs' and accessories, including lamps. 3 of them are housed with KS Stands in the rugged and spacious Multi Case, the 4th with KS Jr. Stands in the more compact DP3 Case. In addition, the DP System Plus Kits feature 3 DP&T Kits which combine the focusing ability of the DP with the wide angle throw of Tota-lights, now upgraded with added light control and mounting accessories, plus lamps. These kits are further enhanced with the 60 second set-up and beautiful output of the Rifa softlight, and range from the extremely compact Mini DP&T Kit to the big DP Super Remote Kit.

Mini-DP&T Kit (DPT90Z)
Consists of:
1- DP-light (D2-10)
2- 1000w, 120v lamp (FEL)
1- DP barndoors (D2-20)
2- Tota-lights (T1-10)
2- 750w, 120v lamps (EMD)
2- Tota-shades (T1-21)
1- Tota-frame (T1-20)
1- DP-brella (D2-25)
1- Lobo (F1-30)
1- Assorted gels (T1-78)
1- Tota-clamp (T1-30)
1- DP diffused glass (D2-50)
1- DP frame (D2-24)
1- DP mixed gels (D2-78)
1- Large space clamp (SC-10)
3- KS Jr. stands (DT-33)
1- DP/Tota lampak (DT-61)
1- DP3 case (DT-84M)
Weight: 42 lbs. (19.1kg)
Item # LODPT90Z .......967.95

DP&T-91 Kit (DPT91Z)
Consists of:
1- DP-light (D2-10)
2- 1000w, 120v lamp (FEL)
1- DP barndoors (D2-20)
2- Tota-lights (T1-10)
2- 750w, 120v lamps (EMD)
2- Tota-shades (T1-21)
1- Tota-frame (T1-20)
1- DP-brella (D2-25)
1- Lobo (F1-30)
1- Assorted gels (T1-78)
1- Tota-clamp (T1-30)
1- DP diffused glass (D2-50)
1- DP frame (D2-24)
1- DP mixed gels (D2-78)
1- Large space clamp (SC-10)
3- KS Jr. stands (DT-33)
1- DP/Tota lampak (DT-61)
1- DP3 case (DT-84M)
Weight: 42 lbs. (19.1kg)
Item # LODPT91Z .......1192.50

DP&T-92 Kit (DPT92Z)
Consists of:
1- DP-light (D2-10)
2- 1000w, 120v lamp (FEL)
1- DP barndoors (D2-20)
2- Tota-lights (T1-10)
1- 750w, 120v lamp (EMD)
2- Tota-shades (T1-21)
1- Tota-frame (T1-20)
1- DP-brella (D2-25)
1- Lobo (F1-30)
1- Assorted gels (T1-78)
1- Tota-clamp (T1-30)
1- DP diffused glass (D2-50)
1- DP frame (D2-24)
1- DP mixed gels (D2-78)
1- Large space clamp (SC-10)
3- KS Jr. stands (DT-33)
1- DP/Rifa lampak (D2-61)
1- Tota lampak (T1-61)
1- Multi-case (MCSEM)
Weight: 42 lbs. (19.1kg)
Item # LODPT92Z .....1266.95

DP Super Remote Kit (D396Z)
Consists of:
2- DP-lights (D2-93)
2- 1000w, 120v lamps (FEL)
2- DP barndoors (D2-20)
1- Tota-light (T1-10)
1- 750w, 120v lamp (EMD)
1- Rifa-light 88 (LC-88)
1- 1000w, 120v lamp (FEL)
1- #8 superspot reflector (D2-17)
1- Diffused glass (D2-50)
1- Full scrim (D2-54)
1- Graduated scrim (D2-56)
2- DP-brellas (D2-25)
1- DP-frame (D2-24)
1- DP mixed gels (D2-78)
1- Lightflector with tilter (LFT)
1- Tota-flag (T1-52)
1- Tota-frame (T1-20)
1- T/O assorted gels (T1-78)
2- Flexi-shafts (T1-50)
1- Tota-clamp (T1-30)
1- DP diffused glass (D2-50)
1- DP frame (D2-24)
1- Large space clamp (SC-10)
3- KS Jr. stands (DT-33)
1- DP/Rifa lampak (D2-61)
1- Tota lampak (T1-61)
1- Multi-case (MCSEM)
Weight: 62 lbs. (28.2kg)
Item # LOD396Z ..........2054.95

VARIFLECTOR KIT

Variflector Kit (V44SC)
Consists of:
1- Variflector II (V44A)
1- Grand Stand (GS)
4- Lowel Anchor 1 pkg. (LA)
1- Variflector case (V44CC)
Weight: 26 lbs. (11.8kg)
Item # LOVF2K ............635.95
## Lowel Kits

### DP System Plus Kits

#### DP Core 95 Kit (DPR95Z)
- Consists of:
  - 1 DP-light (D2-10)
  - 1-1000w, 120v lamp (FEL)
  - 1 DP barndoors (D2-20)
  - 1 Rifa-light 55 (LC-55)
  - 1-500w, 120v lamp (EH C)
  - 1 Tota-light (T1-10)
  - 1-750w, 120v lamp (EM D)
  - 3 KS Jr. stands (DT-33)
  - 1 Tota-frame (T1-20)
  - 1 DP-brella (D2-25)
  - 1 Lobo (F1-30)
  - 1 Assorted gels (T1-78)
  - 1 Tota-clamp (T1-30)
  - 1 DP diffused glass (D2-50)
  - 2 Tota-shades (T1-21)
  - 1 DP frame (D2-24)
  - 1 DP mixed gels (D2-78)
  - 1 DP/Tota lampak (DT-61)
  - 1 DP lampak (D2-61)
  - 1 DP3 case (DT-84M)
- Weight: 43 lbs. (19.5kg)
- Item # LODPR95Z ....... 1438.95

#### DP Core 96 Kit (DPR96Z)
- Consists of:
  - 1 DP-light (D2-10)
  - 1-1000w, 120v lamp (FEL)
  - 1 DP barndoors (D2-20)
  - 1 Rifa-light 66 (LC-66)
  - 1-750w, 120v lamp (EH F)
  - 1 Tota-light (T1-10)
  - 1-750w, 120v lamp (EM D)
  - 3 KS Jr. stands (DT-33)
  - 1 Tota-frame (T1-20)
  - 1 DP-brella (D2-25)
  - 1 Lobo (F1-30)
  - 1 Assorted gels (T1-78)
  - 1 Tota-clamp (T1-30)
  - 1 DP diffused glass (D2-50)
  - 2 Tota-shades (T1-21)
  - 1 DP frame (D2-24)
  - 1 DP mixed gels (D2-78)
  - 1 DP/Tota lampak (DT-61)
  - 1 DP lampak (D2-61)
  - 1 DP3 case (DT-84M)
- Weight: 43 lbs. (19.5kg)
- Item # LODPR96Z ....... 1447.95

#### DP Core 98 Kit (DPR98Z)
- Consists of:
  - 1 DP-light (D2-10)
  - 1-1000w, 120v lamp (FEL)
  - 1 DP barndoors (D2-20)
  - 1 Rifa-light 88 (LC-88)
  - 1-1000w, 120v lamp (FEL)
  - 1 Tota-light (T1-10)
  - 1-750w, 120v lamp (EM D)
  - 2 KS Jr. stands (DT-33)
  - 1 KS stand (KS)
  - 1 Tota-frame (T1-20)
  - 1 DP-brella (D2-25)
  - 1 Lobo (F1-30)
  - 1 Assorted gels (T1-78)
  - 1 Tota-clamp (T1-30)
  - 1 DP diffused glass (D2-50)
  - 2 Tota-shades (T1-21)
  - 1 DP frame (D2-24)
  - 1 DP mixed gels (D2-78)
  - 1 DP/Tota lampak (DT-61)
  - 1 DP lampak (D2-61)
  - 1 DP3 case (DT-84M)
- Weight: 49 lbs. (22.3kg)
- Item # LODPR98Z ....... 1554.95

#### Fren-L 650 Lite 3 Kit (FR193Z)
- Consists of:
  - 3 Fren-L 650 lights with barndoors (FR1-10)
  - 3-650w, 120v lamps (FRK)
  - 3 KS stands (KS)
  - 1 Fren-L lampak (FR1-61)
  - 1 DP-3 Fren-L case (DTF-84).
- Weight: 54 lbs. (24.5kg)
- Item # LOFL6503KQZ .. 1729.95

#### Fren-L 650 Lite 3 Kit (FR193MZ)
- Consists of:
  - 3 Fren-L 650 lights with barndoors (FR1-10)
  - 3-650w, 120v lamps (FRK)
  - 3 KS stands (KS)
  - 1 Fren-L lampak (FR1-61)
  - 1 Fren-L multi case (M CSEM)
- Weight: 50 lbs. (22.7kg)
- Item # LOFL6503KQZ .....1662.95

### Choosing A Kit

Each Lowel Kit has been created from one or more of our award winning lighting systems to offer the user a logical selection of lights and components at a savings over individual prices.

Before choosing a kit, give some thought to size & nature of the lighting setups you are most likely to need to create.

- **Interviews shot from waist up in a small office;**
- **Archival copying of flat art & sculpture, all sizes;**
- **Wedding & Event videography in large reception rooms.**

### Customizing A Kit

Many of our kits have room for additional light-controls & mounting accessories; and in some cases, one or more lights & stands. For the number of lights and stands a given hard or soft case will hold, see the Cases section.

### Building A Kit

You can also create a Lowel Kit to suit your exact needs. Order an empty case and only the equipment you need. Don't buy more than you expect to use, since supplementing the kit at a later time is simple.

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**CONTINUOUS LIGHTING**

**LOWEL**

**KITS**

### FREN-L 650 SYSTEM PLUS KITS

**Fren-L 650**

**Lite Core 95 Kit (FR195Z)**

Consists of:
- 1- Fren-L 650 light with barn-doors (FR1-10)
- 650w, 120v lamp (FRK)
- Rifa-lite 66 (LC-66)
- 750w, 120v lamp (EHF)
- Tota-light (T1-10)
- 750w, 120v lamp (EMD)
- Tota-brella (T1-25)
- Tota-frame (T1-20)
- Assorted gels (T1-78)
- KS Jr. stands (DT-33)
- DP/Tota lampak (DT-61)
- Fren-L lampak (FR1-61)
- DP-3 Fren-L case (DTF-84)

Weight: 44 lbs. (20kg)

Item # LOFL65095CKZ ... 1576.95

### RIFA-LITE KITS

**Rifa 55 Kit (LC95Z)**

Consists of:
- 1- Rifa-lite 55 (LC-55)
- 500w, 120v lamp (EHF)
- KS Jr. stand (DT-33)
- DP lampak (D2-61)
- Rifa small tube case (R1-82)

Weight: 15 lbs. (6.8kg)

Item # LORL5000KZ ........... 616.50

**Rifa 55 Kit (LC95LBZ)**

Same as above, with small Rifa Litebag case.

Weight: 13 lbs. (5.9kg)

Item # LORL500KY ........... 549.50

**Rifa 66 Kit (LC96Z)**

Consists of:
- 1- Rifa-lite 66 (LC-66)
- 750w, 120v lamp (EHF)
- KS Jr. stand (DT-33)
- DP lampak (D2-61)
- Rifa large tube case (R1-83)

Weight: 17 lbs. (7.7kg)

Item # LORL7500KZ ........... 709.95

**Rifa 66 Kit (LC96LBZ)**

Same as above, with large Rifa Litebag case.

Weight: 13 lbs. (5.9kg)

Item # LORL750KY ........... 619.95

### FREN-L 650 SYSTEM PLUS KITS

**Fren-L 650**

**Lite Core 96 Kit (FR196Z)**

Consists of:
- 1- Fren-L 650 light with barn-doors (FR1-10)
- 650w, 120v lamp (FRK)
- Rifa-lite 66 (LC-66)
- 750w, 120v lamp (EHF)
- Tota-light (T1-10)
- 750w, 120v lamp (EMD)
- Tota-brella (T1-25)
- Tota-frame (T1-20)
- Assorted gels (T1-78)
- KS Jr. stands (DT-33)
- DP/Tota lampak (DT-61)
- Fren-L lampak (FR1-61)
- DP-3 Fren-L case (DTF-84)

Weight: 44 lbs. (20kg)

Item # LOFL65096CKZ ... 1576.95

**Fren-L 650 Core 98 Kit (FR198Z)**

Consists of:
- 1- Fren-L 650 light with barn-doors (FR1-10)
- 650w, 120v lamp (FRK)
- Rifa-lite 66 (LC-66)
- 1000w, 120v lamp (FEL)
- Tota-light (T1-10)
- 750w, 120v lamp (EMD)
- KS Jr. stands (DT-33)
- KS stand (KS)
- Tota-brella (T1-25)
- Tota-frame (T1-20)
- Assorted gels (T1-78)
- DP/Tota lampak (DT-61)
- Fren-L lampak (FR1-61)
- Fren-L multi case (MCSEF)

Weight: 49 lbs. (22.3kg)

Item # LOFL65098CKZ ... 1626.50

**Rifa 55 Kit (LC95Z)**

Consists of:
- 1- Rifa-lite 55 (LC-55)
- 1000w, 120v lamp (EHF)
- KS Jr. stand (DT-33)
- DP lampak (D2-61)
- Rifa small tube case (R1-82)

Weight: 15 lbs. (6.8kg)

Item # LORL5000KZ ........... 616.50

**Rifa 55 Kit (LC95LBZ)**

Same as above, with small Rifa Litebag case.

Weight: 13 lbs. (5.9kg)

Item # LORL500KY ........... 549.50

**Rifa 66 Kit (LC96Z)**

Consists of:
- 1- Rifa-lite 66 (LC-66)
- 1000w, 120v lamp (EHF)
- KS Jr. stand (DT-33)
- DP lampak (D2-61)
- Rifa large tube case (R1-83)

Weight: 18 lbs. (8.2kg)

Item # LORL7500KZ ........... 784.95

**Rifa 66 Kit (LC96LBZ)**

Same as above, with large Rifa Litebag case.

Weight: 13 lbs. (5.9kg)

Item # LORL750KY ........... 694.95

**Rifa 88 Kit (LC98Z)**

Consists of:
- 1- Rifa-lite 88 (LC-88)
- 1000w, 120v lamp (FEL)
- KS stand (KS)
- DP lampak (D2-61)
- Rifa large tube case (R1-83)

Weight: 18 lbs. (8.2kg)

Item # LORL1000KZ ........... 784.95

**Rifa 88 Kit (LC98LBZ)**

Same as above, with large Rifa Litebag case.

Weight: 13 lbs. (5.9kg)

Item # LORL1000KY ........... 694.95

Fren-L 650 Lite Core 96 Kit

**Fren-L 650 Lite Core 96 Kit (FR196Z)**

**Fren-L 650 Core 98 Kit (FR198Z)**
# Rifa All Soft Kits

For those who want soft key, along with soft fill and soft back light, with quick setup, compact storage and beautiful output, the Lowel All Soft Kits are the answer. Choose from 2 kits, each containing 3 collapsible Rifa-lites; either 250, 500 and 750w, or 500, 750 and 1000w with lamps and stands.

### Rifa Small Triple Soft Kit (LC9456)
- **Consists of:**
  - 1- Rifa-lite 66 (LC-66)
  - 750w, 120v lamp (EHF)
  - 1- Rifa-lite 55 (LC-55)
  - 500w, 120v lamp (EHC)
  - 1- Rifa-lite 44 (LC-44)
  - 250w, 120v lamp (GCA)
  - 2- KS Jr. stands (DT-33)
  - 1- Uni TO stand (UN-55)
  - 1- DP/Rifa lampak (D2-61)
  - 1- TO-83 case
- **Weight:** 34 lbs. (15.5kg)
- **Item # LORTSSK ...........** 1549.95

### Rifa Small Triple Soft Kit (LC9456LB)
- Same as above, with LB-35 Litebag case. Wt. 28 lbs. (12.8kg)
- **Item # LORTSSKQ ...........** 1449.95

### Rifa Big Triple Soft Kit (LC9568)
- **Consists of:**
  - 1- Rifa-lite 88 (LC-88)
  - 1000w, 120v lamp (FEL)
  - 1- Rifa-lite 66 (LC-66)
  - 750w, 120v lamp (EHF)
  - 1- Rifa-lite 55 (LC-55)
  - 500w, 120v lamp (EHC)
  - 1- KS stands (KS)
  - 2- KS Jr. stands (DT-33)
  - 1- DP/Rifa lampak (D2-61)
  - 1- Rifa multi case (MCSSER)
- **Weight:** 47 lbs. (21.4kg)
- **Item # LORTSBK ...........** 1939.95

### Rifa System Plus Kits

#### Rifa Pro 44 Kit (LCP944)
- **Consists of:**
  - 1- Rifa-lite 44 (LC-44)
  - 250w, 120v lamp (GCA)
  - Pro-light (P1-10)
  - Uni stand (UN-33)
  - Uni TO stand (UN-55)
  - Pro & i gel frame (iP-20)
  - Pro & i gels (iP-40)
  - Rifa 44 daylight gel set (LC-47)
  - VIP lampak (VIP-61)
  - Rifa small tube case (R1-82)
- **Weight:** 18 lbs. (8.2kg)
- **Item # LORP44K ...........** 689.95

#### Rifa Pro 44 Kit (LCP944LB)
- Same as above, with LB-45 small Rifa Litebag soft case. Wt. 14.7 lbs. (7kg)
- **Item # LORP44KQ ...........** 623.95

#### Rifa Pro 55 Kit (LCP955)
- **Consists of:**
  - 1- Rifa-lite 55 (LC-55)
  - 500w, 120v lamp (EHC)
  - Pro-light (P1-10)
  - 250w, 120v lamp (GCA)
  - Pro-light barndoors (iP-20)
  - Pro & i gel frame (iP-40)
  - Pro & i gels (iP-78)
  - Rifa 55 daylight gel set (LC-57)
  - KS Jr. stand (DT-33)
  - Uni stand (UN-33)
  - VIP lampak (VIP-64)
  - DP/Rifa lampak (D2-61)
  - Rifa small tube case (R1-82)
- **Weight:** 21 lbs. (9.5kg)
- **Item # LORP55K ...........** 869.95

#### Rifa Pro 55 Kit (LCP955LB)
- Same as above, with LB-45 Rifa Litebag soft case. Wt. 17 lbs. (7.6kg)
- **Item # LORP55KQ ...........** 803.50

#### Rifa Pro 66 Kit (LCP966)
- **Consists of:**
  - 1- Rifa-lite 66 (LC-66)
  - 750w, 120v lamp (EHF)
  - Pro-light (P1-10)
  - 250w, 120v lamp (GCA)
  - Pro-light barndoors (iP-20)
  - KS Jr. stand (DT-33)
  - Uni stand (UN-33)
  - Pro & i gel frame (iP-40)
  - Pro & i gels (iP-78)
  - Rifa 66 daylight gel set (LC-67)
  - VIP lampak (VIP-61)
  - DP/Rifa lampak (D2-61)
  - Rifa large tube case (R1-83)
- **Weight:** 23 lbs. (10.5kg)
- **Item # LORP66K ...........** 967.95

#### Rifa Pro 66 Kit (LCP966LB)
- Same as above, with LB-40 Rifa Litebag soft case. Wt. 19 lbs. (8.6kg)
- **Item # LORP66KQ ...........** 878.50

#### Rifa Pro 88 Kit (LCP988)
- **Consists of:**
  - 1- Rifa-lite 88 (LC-88)
  - 1000w, 120v lamp (FEL)
  - Pro-light (P1-10)
  - 250w, 120v lamp (GCA)
  - Pro-light barndoors (iP-20)
  - KS stand (KS)
  - Uni stand (UN-33)
  - Pro & i gel frame (iP-40)
  - Pro & i gels (iP-78)
  - Rifa 88 daylight gel set (LC-67)
  - VIP lampak (VIP-61)
  - DP/Rifa lampak (D2-61)
  - Rifa large tube case (R1-83)
- **Weight:** 24 lbs. (10.9kg)
- **Item # LORP88K ...........** 1064.95

#### Rifa Pro 88 Kit (LCP988LB)
- Same as above, with LB-40 Rifa Litebag soft case. Wt. 20 lbs. (9.1kg)
- **Item # LORP88KQ ...........** 974.95

For more information, please contact B&H Photo Video at 1-800-947-9941 or visit our website at www.bhphotovideo.com.
DP-Tota Light Kit
Kit includes:
(1) DP 1000 Watt Open Face Tungsten Light
(1) Hakuba - PSTC 400 Light Stand Case
(1) Complete Barndoor for DP-Light
(2) Impact - 9.6’ Air-Cushioned Lightstand
(2) White 27˝ Tota-Brellas
Item # LODPTLK ............. 499.50

Tota-Omni Light Kit
Kit includes:
(1) Omni-Light 500 Watt Tungsten Light
(1) Complete Barndoor for Omni-Light
(1) Rifa Tri Litebag
(2) Impact - A/C Light Stand 10’ - Black
(2) White 27˝ Tota-Brellas
Item # LOTOLK ............. 439.95

Omni-Pro Tungsten Light Kit
Kit includes:
(1) Rifa-Lite 250 Watt Tungsten Soft Light
(1) GO-85 Case
(1) Omni-Light 500 Watt Tungsten Light
(1) Pro-Light 250 Watt Tungsten Light
(2) Complete Barndoor for Omni-Light
(2) Impact - A/C Light Stand 10’ - Black
(2) White 27˝ Tota-Brellas
2-Year warranty on Omni-lights
1-Year warranty on stands
Item # LOPPLK ............. 1049.95

Tota-Omni Light Kit
Kit includes:
(1) Omni-Light 500 Watt Tungsten Light
(1) Tota-Light 750W Tungsten Light
(1) Complete Barndoor for Omni-Light
(1) Rifa Tri Litebag
(2) Impact - A/C Light Stand 10’ - Black
(2) White 27˝ Tota-Brellas
Item # LOTOLK ............. 439.95

Omni Light Tungsten Kit
Kit includes:
(2) Omni-Light 500 Watt Tungsten Lights
(2) Complete Barndoor for Omni-lights
(1) Rifa Tri Litebag
(2) Impact - A/C Light Stands 10’ - Black
(2) White 27˝ Tota-Brellas
2-Year warranty on Omni-lights
1-Year warranty on stands
Item # LOLLK ............. 499.95

Tota-Light Tungsten Light Kit
Kit includes:
(2) Tota-Light 750W Tungsten Light
(1) Rifa Tri Litebag
(2) Impact - A/C Light Stand 10’ - Black
(2) White 27˝ Tota-Brellas
2-Year warranty on Tota Lights
1-Year warranty on stands
Item # LOTLK ............. 384.95

DOLLY

Tota-Light Tungsten Light Kit
Kit includes:
(2) Tota-Light 750W Tungsten Light
(2) Complete Barndoor for Tota-Light
(1) Rifa Tri Litebag
(2) Impact - A/C Light Stand 10’ - Black
(2) White 27˝ Tota-Brellas
2-Year warranty on Tota-Brellas
1-Year warranty on stands
Item # LOTLKQ ............. 323.95

Omni Light Tungsten Kit
Kit includes:
(2) Omni-Light 500 Watt Tungsten Lights
(2) Complete Barndoor for Omni-Lights
(1) Rifa Tri Litebag
(2) Impact - A/C Light Stand 10’ - Black
(2) White 27˝ Tota-Brellas
2-Year warranty on Omni-lights
1-Year warranty on stands
Item # LOOLKQ ............. 469.95

Omni-Pro Tungsten Light Kit
Kit includes:
(1) Rifa-Lite 250 Watt Tungsten Soft Light
(1) GO-85 Case
(1) Omni-Light 500 Watt Tungsten Light
(1) Pro-Light 250 Watt Tungsten Light
(2) Complete Barndoor for Omni-Light
(2) Impact - A/C Light Stand 10’ - Black
(2) White 27˝ Tota-Brellas
2-Year warranty on Omni-lights
1-Year warranty on stands
Item # LOPPLQ ............. 369.95

Omni-Pro Tungsten Light Kit
Kit includes:
(1) Rifa-Lite 250 Watt Tungsten Soft Light
(1) GO-85 Case
(1) Omni-Light 500 Watt Tungsten Light
(1) Pro-Light 250 Watt Tungsten Light
(2) Complete Barndoor for Omni-Light
(2) Impact - A/C Light Stand 10’ - Black
(2) White 27˝ Tota-Brellas
2-Year warranty on Omni-lights
1-Year warranty on stands
Item # LOPPLQ ............. 369.95

Pro Light Tungsten Kit
Kit includes:
(2) Pro-Light 250 Watt Tungsten Light
(1) Rifa Tri Litebag
(2) Impact - 8’ Air Cushioned 4-Section Light Stand
(2) Diffused Glass with Holder for Pro & i-Light
(2) 2-Way Barndoor for Pro and i-Light
(2) General Brand - GCA LAMP (250w/120v)
1-Year warranty
Item # LODVPLK ............. 414.95

Pro Light Tungsten Kit
Kit includes:
(2) Pro-Light 250 Watt Tungsten Light
(1) Rifa Tri Litebag
(2) Impact - 8’ Air Cushioned 4-Section Light Stand
(2) Diffused Glass with Holder for Pro & i-Light
(2) 2-Way Barndoor for Pro and i-Light
(2) General Brand - GCA LAMP (250w/120v)
1-Year warranty
Item # LODVPLKQ ............. 359.95

DV Pro Light Tungsten Kit
Kit includes:
(2) Pro-Light 250 Watt Tungsten Light
(1) Rifa Tri Litebag
(2) Impact - 8’ Air Cushioned 4-Section Light Stand
(2) Diffused Glass with Holder for Pro & i-Light
(2) 2-Way Barndoor for Pro and i-Light
(2) General Brand - GCA LAMP (250w/120v)
1-Year warranty
Item # LODVPLKQ ............. 359.95

DV Pro Light Tungsten Kit
Kit includes:
(2) Pro-Light 250 Watt Tungsten Light
(1) Rifa Tri Litebag
(2) Impact - 8’ Air Cushioned 4-Section Light Stand
(2) Diffused Glass with Holder for Pro & i-Light
(2) 2-Way Barndoor for Pro and i-Light
(2) General Brand - GCA LAMP (250w/120v)
1-Year warranty
Item # LODVPLKQ ............. 359.95

DV Pro Light Tungsten Kit
Kit includes:
(2) Pro-Light 250 Watt Tungsten Light
(1) Rifa Tri Litebag
(2) Impact - 8’ Air Cushioned 4-Section Light Stand
(2) Diffused Glass with Holder for Pro & i-Light
(2) 2-Way Barndoor for Pro and i-Light
(2) General Brand - GCA LAMP (250w/120v)
1-Year warranty
Item # LODVPLKQ ............. 359.95
An extremely small fresnel light, the Pepper 100 can easily be placed in tight spaces. Used as an accent, eye or kicker light, this unit utilizes a 100 or 200 watt lamp. With a 1 15/16" (4.9cm) flat fresnel made of Pyrex glass, the die-cast aluminum housing features a reflector made of type A9 anodized and polished aluminum. Cooling vents keep the unit operating at optimal temperatures and prolong lamp life. A stay-cool, thermally insulated knob drives the worm gear, moving the lamp forwards or backwards into the spot or flood position. The aluminum yoke allows the light to be attached to 5/8˝ lightstands and similar mounting devices. The 11´ power cord with its in-line on/off switch provides electrical current to power the lamp. Lamps must be purchased separately.

### PEPPER 100W

- **Item #** LTP100
- **Price** 179.95

### SPECIFICATIONS

- **Rating:** 120V AC/DC, 200W maximum.
- **Construction:** Die-cast aluminum
- **Lens:** 1 15/16” flat fresnel lens made of Pyrex glass.
- **Socket:** Double contact bayonet.
- **Reflector:** Type A9 aluminum; polished and anodized.
- **Focusing:** Thermally integrated worm screw adjusting drive at rear of light.
- **Cable:** 11 ft. #18 AWG with 3-prong grounded house plug and in-line switch.
- **Yoke:** Bar aluminum with cast aluminum socket. 2 position-off-set designed to fit any standard 5/8˝ diameter spud.
- **Weight:** 2 lbs. (.9kg) with cable.
- **Dimensions:** 5 5/8 x 4 7/8 x 4 1/2˝ (LWH) (143 x 124 x 114mm)

### FEATURES

- Extremely small fresnel light
- Used as an accent, eye or kicker light
- Utilizes a 100 or 200 watt lamp
- 1 15/16” flat fresnel lens made of Pyrex glass
- Die-cast aluminum housing
- Type A9 anodized and polished aluminum reflector
- Cooling vents keep the unit operating at optimal temperatures
- Stay-cool, thermally insulated knob drives the worm gear
- Aluminum yoke allows the light to be attached to 5/8˝ lightstands
- 11´ power cord with in-line on/off switch.

### ACCESSORIES

- **4-Leaf Barndoor** (PAA225)
  - **Item #** LTBDP100
  - **Price** 42.95
- **Focal Spot** (PA9005)
  - **Item #** LTFSP100
  - **Price** 149.95
- **Retaining Ring** (PA9120)
  - **Item #** LTRRFSP100
  - **Price** 19.95
- **4-Piece Snoot Set** (PAA240)
  - **Item #** LTSSP100
  - **Price** 76.95
- **Hinged Gel Frame** (PAA237)
  - **Item #** LTFHP100
  - **Price** 18.95
- **Filter Pack** (PA900825)
  - **Item #** LTFPP100
  - **Price** 6.95
- **Full Single Scrim** (PAA245)
  - **Item #** LTSFSP100
  - **Price** 9.95
- **Full Double Scrim** (PAA244)
  - **Item #** LTSFDP100
  - **Price** 9.95
- **Half Single Scrim** (PAA270)
  - **Item #** LTSHSP100
  - **Price** 9.95
- **Half Double Scrim** (PAA269)
  - **Item #** LTSHDP100
  - **Price** 9.95

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
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### PHOTO METRICS WITH FEV LAMP

#### FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (LWH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>1.5 x 1.4 x 1.4</td>
<td>94</td>
<td>1015</td>
<td>8</td>
</tr>
<tr>
<td>10’ (3m)</td>
<td>1.5 x 1.4 x 1.4</td>
<td>94</td>
<td>1015</td>
<td>8</td>
</tr>
<tr>
<td>15’ (4.5m)</td>
<td>1.5 x 1.4 x 1.4</td>
<td>94</td>
<td>1015</td>
<td>8</td>
</tr>
</tbody>
</table>

#### SPOT

- With ISO 100 film @ 1/8 sec.
Just like the Pepper 100, this light accepts a 100 or 200 watt lamp. With its larger lens of 3½” (7.9cm), the Pepper 200 offers a wider beam with a slightly softer light. Though enclosed in a slightly larger housing than the Pepper 100, the Pepper 200 provides side cooling vents to keep the unit operating at optimal temperatures, prolonging lamp life. All other features are the same as the previously mentioned Pepper 100. Lamps must be purchased separately.

### FEATURES
- Utilizes a 100W or 200W lamp
- 3½“ flat fresnel lens made of Pyrex glass
- Offers a wider beam with a slightly softer light
- Die-cast aluminum housing
- Cooling vents keep the unit operating at optimal temperatures
- Type A9 anodized and polished aluminum reflector
- Thermally integrated worm screw adjusting drive at rear of light
- Yoke allows the light to be attached to 5/8“ lightstands
- 11’ power cord with in-line on/off switch.

### ACCESSORIES
- 4-Leaf Barndoor (PAA395)
  - Item # LTBDP200 .............. 62.95
- Focal Spot (PA9005)
  - Item # LTFSQP200 ............. 149.95
- Retaining Ring (PA9125)
  - Item # LTRFSP200 ............. 17.95
- 4-Piece Snoot Set (PAA232)
  - Item # LTSSP200 ............... 79.95
- Hinged Gel Frame (PA238)
  - Item # LTGFH200 .............. 22.50
- Filter Pack (P900835)
  - Item # LTFFP200 .............. 6.95

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<td>1000</td>
<td>2900°K</td>
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<td>200</td>
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### PHOTO METRICS WITH FEV LAMP

#### FLOOD
<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<td>5’ (1.5m)</td>
<td>4.5” (1.4m)</td>
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<td>10’ (3m)</td>
<td>8.9” (2.7m)</td>
<td>39</td>
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<td>15’ (4.5m)</td>
<td>13.3” (4cm)</td>
<td>18</td>
<td>194</td>
<td>2.8</td>
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#### SPOT
<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tr>
<td>5’ (1.5m)</td>
<td>.8” (2.4m)</td>
<td>385</td>
<td>4042</td>
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<tr>
<td>10’ (3m)</td>
<td>1.3” (4cm)</td>
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<td>1134</td>
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<tr>
<td>15’ (4.5m)</td>
<td>2.0” (6cm)</td>
<td>48</td>
<td>518</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
This light shares the same lens as the Pepper 200 and has all the features of the Pepper 100. The housing is the same size as the Pepper 200. The aluminum bar yoke mounts to 5/8” or smaller lightstands and similar mounting devices. The Pepper 300 can be used as a key, fill, or back light and is yet small enough to fit into hard-to-reach places. Lamp must be purchased separately.

**SPECIFICATIONS**
- **Rating:**
  - 120V AC/DC, 2.5 amps maximum, 300W maximum.
- **Construction:**
  - Die-cast aluminum
- **Lens:**
  - 3¾” flat fresnel lens made of pyrex glass.
- **Socket:**
  - Double contact bayonet.
- **Reflector:**
  - Type A9 aluminum; polished and anodized.
- **Focusing:**
  - Thermally insulated worm screw adjusting drive at rear of light.
- **Cable:**
  - 11 ft. #18 AWG with 3-prong grounded house plug with in-line toggle switch.
- **Yoke:**
  - Bar aluminum with cast aluminum socket. Designed to fit any standard 5/8” diameter spud.
- **Weight:**
  - 3 lbs. 3 oz. (1.4kg) with cable.
- **Dimensions:**
  - 7 x 5¼ x 6⅜” (LWH) (178 x 146 x 156mm)

**ACCESSORIES**
- 4-Leaf Barndoor (PA935) Item # LTBDP300 ..........62.95
- Focal Spot (PA8005) Item # LTFSFP300 ........149.95
- Retaining Ring (PA9125) Item # LTRRFSP300 .........17.95
- 4-Piece Snoot Set (PAA232) Item # LTSSP300 ..........79.95
- Hinged Gel Frame (PA238) Item # LTFHP300 .................22.50

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
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**PHOTO METRICS WITH FKW LAMP**

| Distance | Beam Diameter | Footcandles | Lux | F-Stop  *
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<th></th>
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<th></th>
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<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>5.8” (1.3m)</td>
<td>184</td>
<td>1987</td>
<td>11</td>
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<tr>
<td>10’ (3m)</td>
<td>11.6” (3.5m)</td>
<td>46</td>
<td>496</td>
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<tr>
<td>15’ (4.5m)</td>
<td>17.4” (4.3m)</td>
<td>20</td>
<td>216</td>
<td>2.8</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
A smooth and even field of light characterizes the Pepper 420. This unit is the workhorse of the miniature line of Pepper lights. This light unit is the same size as the Pepper 200 and has all the features of the Pepper 100, with the added advantage of being able to run on voltages of 12, 24, 30 and 120. (Please see our video catalog regarding operation on any voltage, except 120v.) Lamp must be purchased separately.

A smooth and even field of light characterizes the Pepper 420. This unit is the workhorse of the miniature line of Pepper lights. This light unit is the same size as the Pepper 200 and has all the features of the Pepper 100, with the added advantage of being able to run on voltages of 12, 24, 30 and 120. (Please see our video catalog regarding operation on any voltage, except 120v.) Lamp must be purchased separately.

**Lighting Tip**
Bright sunlight is the toughest condition to shoot in. Contrast is usually too harsh for film to record shadow and highlights. Seek the shade whenever possible.
The largest of the Pepper line, yet not even 12" in any direction, this light utilizes 500, 750 or 1000 watt lamps. The housing, a combination of die-cast aluminum and sheet metal, features a baked on enamel finish. Features a 5" diameter fresnel lens of pyrex glass. Socket: Type AG medium bipost. Reflector: Type AG aluminum; polished and anodized. Focusing: Thermally insulated worm screw adjusting drive at rear of light. Cable: 15 ft. #14 AWG with 3-prong grounded house plug with in-line toggle switch. Yoke: Cast aluminum yoke, fits any standard 5/8" diameter spud. Weight: 10 lbs. (4.5kg) with cable. Dimensions: 11 x 11 x 10" (LWH) (279 x 279 x 254mm)
A 650w lamp, a larger 4¾” lens and the ability to run on 110v/220v electrical current differentiates this light from the Pepper 420. Great for larger fill or/and key lighting. It is versatile in the studio or location. The Pepper 650 provides the “punch” needed to get the job done. Lamp must be purchased separately.

**PEPPER 650W**

**Pepper 650W (PH154H)**
- Item # LTP650 ............349.95

**SPECIFICATIONS**

**Rating:**
- 12, 24, 30, 120 or 220V AC/DC, 5.5 amps maximum, 650W maximum.

**Construction:**
- Die-cast aluminum

**Lens:**
- 4¾” flat fresnel lens of pyrex glass.

**Socket:**
- 2-pin pre-focus.

**Reflector:**
- Type A9 aluminum; polished and anodized.

**Focusing:**
- Thermally insulated worm screw adjusting drive at rear of light.

**Cable:**
- 11⅝ ft. #16 AWG with 3-prong grounded house plug with in-line toggle switch.

**Yoke:**
- Bar aluminum with cast aluminum socket. Designed to fit any standard 5/8” diameter spud.

**Weight:**
- 6 lbs. 3 oz. (2.8kg) with cable.

**Dimensions:**
- 9½ x 7¼ x 7¾” (LWH) (232 x 184 x 200mm)

**FEATURES**

- Utilizes a 650 watt lamp
- 4¾” glass fresnel lens made of Pyrex glass
- Type A9 anodized and polished aluminum reflector
- Thermally insulated worm screw adjusting drive at rear of light

**ACCESSORIES**

- 4-Leaf Barndoor (PAA227)
  - Item # LTBDP650F ............74.95
- 4-Piece Snoot Set (PAA231)
  - Item # LTSSP650F ...........104.95
- Full Single Scrim (PAA251)
  - Item # LTFSFP650F ...........14.95
- Full Double Scrim (PAA250)
  - Item # LTFSFP650F ...........14.95
- Half Single Scrim (PAA253)
  - Item # LTSHSP650F ...........14.95
- Half Double Scrim (PAA252)
  - Item # LTSHDP650F ...........14.95
- Hinged Gel Frame (PAA238)
  - Item # LTFP300 ................22.50

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
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**PHOTO METRICS WITH FRK LAMP**

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<th>Lux</th>
<th>F-Stop*</th>
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<tr>
<td>5' (1.5m)</td>
<td>6.3” (1.9m)</td>
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<td>10' (3m)</td>
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<td>15’ (4.5m)</td>
<td>20” (6m)</td>
<td>49</td>
<td>529</td>
<td>5.6</td>
</tr>
</tbody>
</table>

- F-Stop provided as a general guide only.

**Distance | Beam Diameter | Footcandles | Lux  | F-Stop***

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tr>
<td>10’ (3m)</td>
<td>16” (5m)</td>
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<td>15’ (4.5m)</td>
<td>24” (7m)</td>
<td>235</td>
<td>2538</td>
<td>11</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

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LIGHTING Q&A

Are there any specialized journals or publications a portrait photographer ought to read to stay on top of things?

Yes. Get a subscription to at least one good photography magazine. Frequently look in bookstores and buy a few photography books. Taking the time to read about the latest in the photographic world will keep your ideas fresh.

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50 Portrait Lighting Techniques.
The open face Pepper 650 Flood, a perfect compliment to the Pepper fresnels, is great for broad set washes, bouncing off ceilings, white cards or reflector boards, and larger area lighting. The housing, made of die-cast aluminum, incorporates a rectified A9 aluminum parabolic reflector. A handy knob mounted on the bottom of the housing is used to focus the light to its spot or flood position. The yoke allows the light unit to be attached directly to any 5/8” diameter spud.

### PEPPER 650W FLOOD

**Specifications**

**Rating:**
12, 24, 30, 120, 220 or 240V AC/DC, 5.5 amps maximum, 650W maximum.

**Construction:**
Die-cast aluminum.

**Socket:**
2-pin prefocus.

**Reflector:**
Rectified parabolic A9 aluminum.

**Focusing:**
Spot to flood.

**Cable:**
11½ ft. #16 AWG with 3-prong grounded house plug.

**Yoke:**
Bar aluminum with cast aluminum socket. Designed to fit any standard 5/8” diameter spud.

**Weight:**
4 lbs. (1.8kg) with cable.

**Dimensions:**
5½ x 6¼ x 10” (LWH)

### Lamp Specifications

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRK</td>
<td>120</td>
<td>650</td>
<td>200</td>
<td>3200°K</td>
<td>GBFRK</td>
<td>29.95</td>
</tr>
<tr>
<td>DYS/DYV</td>
<td>120</td>
<td>600</td>
<td>75</td>
<td>3200°K</td>
<td>GBODY</td>
<td>14.95</td>
</tr>
</tbody>
</table>

### Accessory Features

- **4-Leaf Barndoor (HA271)**
  Item # LTP650FL............87.50

- **Hinged Gel Frame (HA843)**
  Item # LTFHP650FL........39.95

- **Full Single Scrim (HA2209101)**
  Item # LTFSP650FL........29.95

- **Full Double Scrim (HA2209102)**
  Item # LTFSPD650FL........29.95

- **Half Single Scrim (HA2209103)**
  Item # LTHSP650FL........29.95

- **Half Double Scrim (HA2209104)**
  Item # LTHSPD650FL........29.95

### Flood Photometrics with FRK Lamp

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>5.3” (1.6m)</td>
<td>682</td>
<td>7365</td>
<td>16.5</td>
</tr>
<tr>
<td>10’ (3m)</td>
<td>9.6” (2.9m)</td>
<td>168</td>
<td>1814</td>
<td>8.5</td>
</tr>
<tr>
<td>15’ (4.5m)</td>
<td>16” (4.9m)</td>
<td>24</td>
<td>259</td>
<td>4</td>
</tr>
</tbody>
</table>
The Pepper 250 hand-held flood light is perfect for location shooting where A/C power may not be readily accessible. When attached to a 7 amp hour battery, it will provide approximately sixty minutes of focusable light. The light gun, made of die-cast aluminum, features a rectified parabolic reflector made of A9 aluminum for maximum light efficiency. With optional barndoors, scrims and gel frames, optimum lighting control is made possible. The Pepper 250 Light Gun has a molded plastic handle with finger grips and a conveniently placed on/off switch for one-handed operation. A focusing handle mounted on the side of the unit allows the lamp to be moved backwards or forwards for either "flood" or "spot" positions. Lamps must be purchased separately.

**PEPPER 250W LIGHT GUN**

Pepper 250W Light Gun (PH494D)
Item # LTP250 ............299.95

**FEATURES**
- Hand-held flood light
- Perfect for location shooting where A/C power may not be readily accessible
- Die-cast aluminum housing
- Type A9 aluminum parabolic reflector
- Molded plastic handle with finger grips and a conveniently placed on/off switch for one-handed operation
- Optimum lighting control is made possible with optional accessories
- Focusing handle mounted on the side of the unit.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>EYL</td>
<td>12</td>
<td>100</td>
<td>50</td>
<td>3200°K</td>
<td>GBEYL</td>
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<tr>
<td>FDS</td>
<td>24</td>
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<td>50</td>
<td>3400°K</td>
<td>GBFDS</td>
<td>9.95</td>
</tr>
<tr>
<td>FBV</td>
<td>30</td>
<td>250</td>
<td>6</td>
<td>3200°K</td>
<td>GBFBV</td>
<td>29.95</td>
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</table>

**PHOTOMETRICS WITH DYG LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>10’ (3m)</td>
<td>15’ (4.5m)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7’ (2.1m)</td>
<td>14’ (4.3m)</td>
<td>21’ (6.4m)</td>
<td>175</td>
<td>1890</td>
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<tr>
<td>14’ (4.3m)</td>
<td>21’ (6.4m)</td>
<td></td>
<td>44</td>
<td>475</td>
</tr>
<tr>
<td>21’ (6.4m)</td>
<td></td>
<td>19</td>
<td>205</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**ACCESSORIES**

4-Leaf Barndoor (HAA271)
Item # LTBDP250 ............87.50

Hinged Gel Frame (HAA843)
Item # LTFHP250 ............39.95

Battery Belt 30V 7Ah (HA7004FC)
Item # LTBBP250............1648.95

Battery Belt – Fast Charger (HA918015)
Item # LTCBBP250............559.95

Full Single Scrim (HA2209101)
Item # LTFSFSP250 ..........29.95

Full Double Scrim (HA2209102)
Item # LTFSFDP250 ..........29.95

Half Single Scrim (HA2209103)
Item # LTSHSP250 ..........29.95

Half Double Scrim (HA2209104)
Item # LTSHDP250 ..........29.95
The aperture of the light measures 4¾ x 6½” (12.1 x 17.5cm). The integral accessory holder allows eggcrates and gel holders to be attached to the front of the light. Comes with an 11´ (3.4m) power cord, has an in-line on/off switch and uses a 400 watt lamp. The yoke allows the unit to be attached to all 5/8˝ and smaller lightstands and studs. Lamps must be purchased separately.

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDA</td>
<td>120</td>
<td>400</td>
<td>250</td>
<td>3200°K</td>
<td>GBFDA</td>
<td>17.50</td>
</tr>
</tbody>
</table>

### FEATURES

- Soft, even, shadowless light spread
- Lightweight construction
- Powder painted black finish
- Easy lamp-change basket

### SPECIFICATIONS

- **Rating:** 120V AC/DC
- **Power Consumption:** 3.4 amps
- **Spigot Size:** 5/8”
- **Cable Length:** 11 ft. (3.4m)
- **Switch:** In-Line
- **Connector:** U-Ground
- **Weight:** 5 lbs. (2.3kg)
- **Dimensions:** 4 x 5½ x 16” (102 x 140 x 406mm)

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDA</td>
<td>120</td>
<td>400</td>
<td>250</td>
<td>3200°K</td>
<td>GBFDA</td>
<td>17.50</td>
</tr>
</tbody>
</table>

### ACCESSORIES

- **Pepper 400W Soft**
  - Item # LTP400 .......................... 229.95

- **Light/Medium Pepper Stand** (PA8389787)
  - Black finish. Extends to a maximum height of 7’ (2.1m) & folds down to just 26” (66cm).
  - Item # LTLSLM ...................... 106.95

- **Medium Pepper Stand** (PA8389788)
  - Black finish. Extends to a maximum height of 8’ (2.4m) and folds down to just 30” (76.2cm).
  - Item # LTLSM ...................... 98.50

- **Light/Heavy Pepper Stand** (PA8387490)
  - Black finish. Extends to a maximum height of 12’ (3.7m) and folds down to just 45” (114cm).
  - Item # LTLSLH ..................... 177.50

- **Pepper Scrim Bag** (PA901030)
  - This handy cloth bag holds scrims from the Pepper 100 all the way up to the Pepper 650.
  - Item # LTSB ....................... 13.95

- **Leather Gloves** (PA901050)
  - Heavy duty leather gloves prevent hands from being burned while adjusting hot lights.
  - Item # LTG ....................... 12.50

- **Globe Table** (PA901060)
  - A handy reference tool listing all the Pepper lights and the lamps they use.
  - Item # LTGT ...................... 5.95

- **3-Prong Adapter** (PA901055)
  - The three-prong adapter allow plugs with three prongs to be plugged into electrical outlets that have only two.
  - Item # LT3PPA .................... 1.50
**Silver and Bronze Pepper Packs**

**Silver Pepper Pak (PKSILVER)**
Consists of:
1. Pepper 100W Light (PH-154B)
2. Pepper 300W Light (PH-165F)
3. Pepper 650W Light (PH-154E)
4. 4-Leaf 650W Barndoors (PA-A271)
5. 4-Piece 650 Scrim Sets (one each of full and half, single and double scrims)
6. Medium Pepper Stands (PA-B389788)
7. Pepper Scrim Bags (PA-901030)

Item # LTPPS .................................................................$1624.95

**Bronze Pepper Pak (PKBRONZE)**
Consists of:
1. Pepper 100W Light (PH-154B)
2. Pepper 300W Light (PH-165F)
3. Pepper 650W Open-Faced Flood Light (PH-495H)
4. 100W Barndoors (PA-A225)
5. 300/420 Barndoors (PA-A395)
6. 4-Leaf 650W Barndoors (PA-A271)
7. 4-Piece 100 Scrim Set (one each of full and half, single and double scrims)
8. 3-Prong Adapters (PA-901055)
9. Velcro Cable Ties (PA-901045)
10. Moleled Case with Wheels (PA-900905).

Item # LTPPB .................................................................$1558.95

---

**Gold Pepper Pack**
Consists of:
1. Pepper 500/1000W Lights (PH-151H)
2. 4-Leaf 500/1000 Barndoors (HA-A80)
3. Medium Pepper Stands (PA-B389788)
4. 4-Piece 500/1000 Scrim Sets (one each of full and half, single and double scrims)
5. Pepper 1000W Lamps (EGT)

Item # LTPPG .................................................................$2164.95

---

**Platinum and Red Pepper Packs**

**Platinum Pepper Pak (PKPLATINUM)**
Consists of:
1. Pepper 100W Light (PH-154B)
2. Pepper 300W Light (PH-165F)
3. Pepper 420W Light (PH-154E)
4. Pepper 400W Soft Light (PH-412)
5. 4-Leaf 100 Barndoors (PA-A225)
6. 300/420 Barndoors (PA-A395)
7. Pepper 400W Gel Frame (PA-30412)
8. 4-Piece 100 Scrim Set (one each of full and half, single and double scrims)
9. Medium Pepper Stands (PA-B389788)

Item # LTPPP .................................................................$1859.95

**Silver Pepper Pak**
Consists of:
3. Pepper 650W Open-Faced Flood Lights (PH-495H)
4. Globe Table (PA-901060)
5. Pair of Leather Gloves (PA-901050)
6. 3-Prong Adapters (PA-901055)
7. Moleled Case with Wheels (PA-900905).

Item # LTPPS .................................................................$1624.95

---

**Red Pepper Pak (PKRED)**
Consists of:
1. Gold/Silver Reflector Pak (PA-901040)
2. Pepper 650W Lamps (FRK)
3. Velcro Cable Ties (PA-901045)
4. Globe Table (PA-901060)
5. Pair of Leather Gloves (PA-901050)
6. 3-Prong Adapters (PA-901055)
7. Moleled Case with Wheels (PA-900905).

Item # LTPPR .................................................................$1929.95

---

Most kits available in soft or hard case.
## Blue and Yellow Pepper Packs

**Blue Pepper Pak (PKBBLUE)**

- 2 - Pepper 100W Lights (PH-154B)
- 1 - Pepper 300W Light (PH-165F)
- 2 - 4-Leaf 100 Barndoors (PA-A225)
- 1 - 4-Leaf 300/420 Barndoor (PA-A395)
- 2 - 4-piece 100 Scrim Sets (two each of full and half, single and double scrims)
- 1 - 4-Piece 300/420 Scrim Set (one each of full and half, single and double scrims)
- 1 - Medium Pepper Stands (PA-B389788)
- 1 - Pepper Scrim Bag (PA-901030)
- 1 - Pepper 400W Soft Light (PH-412)
- 1 - Pepper 650W Light (PH-154H)
- 1 - 4-Leaf 100 Barndoor
- 2 - 4-Leaf 300/420 Barndoor
- 1 - 4-Leaf 650 Barndoor
- 1 - Hinged Gel Frame 100
- 2 - Hinged Gel Frames 300/420
- 1 - Hinged Gel Frame 650
- 2 - 4-Piece 100 Scrim Set
- 2 - 4-Piece 300/400 Scrim Sets
- 1 - 4-Piece 650 Scrim Set
- 4 - Pepper Scrim Bags
- 1 - Pepper 100 Snoot
- 1 - Pepper 300/420 Snoot
- 1 - Pepper 400 Soft Gel Frame
- 1 - Pepper 400 Soft Eggcrate
- 1 - Pepper 100W Bulb (ESR)
- 1 - Pepper 300W Bulb (FKW)
- 1 - Pepper 420W Bulb (EKB)
- 1 - Pepper 400W Soft Bulb (FDA)
- 1 - Pepper 650W Bulb (FRK)
- 1 - 3˝ “C” Clamp with 5/8 Pin
- 1 - 6˝ “C” Clamps with two 5/8 Pins
- 1 - Gaffer Grip with 5/8 Pin
- 1 - Gold/Silver Reflector Pak
- 5 - Velcro Cable Ties
- 1 - Pair of Leather Gloves
- 5 - 3-Prong Plug Adapters
- 1 - Globe Table
- 5 - Medium Pepper Stands
- Full Spectrum Case with compartments and wheels.

**Yellow Pepper Pak (PKYELLOW)**

- 1 - Pepper 400W Soft Light (PH-412)
- 2 - Pepper 300W Lights (PH-165F)
- 2 - 4-Leaf 300/420 Barndoors (PA-A395)
- 2 - 4-Piece 300/420 Scrim Sets (one each of full and half, single and double scrims)
- 1 - Medium Pepper Stands (PA-B389788)
- 1 - Pepper Scrim Bag (PA-901030)

---

## Cyan and Green Pepper Packs

**Cyan Pepper Pak (PKCYAN)**

- 4 - Pepper 420W Lights (PH-154E)
- 4 - 4-Leaf 300/420 Barndoors (PA-A395)
- 2 - 4-Piece 300/420 Scrim Sets (one each of full and half, single and double scrims)
- 4 - Medium Pepper Stands (PA-B389788)
- 2 - Pepper Scrim Bags (PA-901030)
- 2 - Pepper 420W Lamps (EKB)

**Green Pepper Pak (PKGREEN)**

- 2 - Pepper 100W Lights (PH-154B)
- 1 - Pepper 300W Light (PH-165F)
- 2 - 4-Leaf 100 Barndoors (PA-A225)
- 1 - 4-Leaf 300/420 Barndoor (PA-A395)
- 2 - 4-piece 100 Scrim Sets (two each of full and half, single and double scrims)
- 1 - 4-Piece 300/400 Scrim Sets
- 1 - Medium Pepper Stands (PA-B389788)
- 1 - Pepper Scrim Bag (PA-901030)
- 3 - Medium Pepper Stands (PA-B389788)
- 2 - Pepper 200W Lamps (FEV)
- 1 - Pepper 300W Lamp (FKW)
- 1 - Globe Table (PA-901060)
- 1 - Pair of Leather Gloves (PA-901050)
- 3 - 3-Prong Adapters (PA-901055)
- 1 - Moleded Case with Wheels (PA-900905).

**Full Spectrum Pepper Pak (PKFULL)**

- 1 - Pepper 100W Light (PH-154B)
- 1 - Pepper 300W Light (PH-165F)
- 1 - Pepper 420W Light (PH-154E)
- 1 - Pepper 400W Soft Light (PH-412)
- 1 - Pepper 400W Soft Eggcrate
- 1 - Pepper 100W Bulb (ESR)
- 1 - Pepper 300W Bulb (FKW)
- 1 - Pepper 420W Bulb (EKB)
- 1 - Pepper 400W Soft Bulb (FDA)
- 1 - Pepper 650W Bulb (FRK)
- 1 - 3˝ “C” Clamp with 5/8 Pin
- 1 - 6˝ “C” Clamps with two 5/8 Pins
- 1 - Gaffer Grip with 5/8 Pin
- 1 - Gold/Silver Reflector Pak
- 5 - Velcro Cable Ties
- 1 - Pair of Leather Gloves
- 5 - 3-Prong Plug Adapters
- 1 - Globe Table
- 5 - Medium Pepper Stands
- Full Spectrum Case with compartments and wheels.

---

**ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008**

**1-800-947-9941 • www.bhphotovideo.com**
**200W MINI-MOLE SOLARSPOT**

200W Mini-Mole Solarspot (2801)
Item # MOMM ............... 174.95

**SPECIFICATIONS**

**Rating:**
120V AC/DC, 1.7 amps maximum, 200W maximum.

**Construction:**
Solid steel and aluminum die casting

**Lens:**
3" fresnel lens of pyrex glass.

**Socket:**
Double contact bayonet.

**Focusing:**
Rotating plastic knob on back.

**Cable:**
25 ft. #18 AWG with 3-prong grounded house plug.

**Yoke:**
Die-cast aluminum. Fits any standard 5/8" diameter spud.

**Weight:**
4 3/4 lbs. (2.2kg) with cable.

**Dimensions:**
6 1/4 x 4 1/2 x 6 1/8" (159 x 102 x 156mm)

**ACCESSORIES**

2-Way Barndoor
(2-Leaf) (28032)
Item # MOBD2M .............. 53.50

4-Way Barndoor
(4-Leaf) (28034)
Item # MOBD4M .............. 62.95

4 3/4" (11.3cm) Moledisc Diffuser Frame (28050)
Item # MODFD .............. 62.95

Snoots (Set of 3) (28060)
Item # MOSSM .............. 62.95

Molesnoot 5-in-1 (28075)
Apertures: 1, 1 1/8, 1 3/4, 2 1/8 and 2 1/2"
Item # MOSM .............. 88.50

4 3/4" (11.3cm) Half Single Moledura Scrim (28070)
Item # MOSSH .............. 7.95

4 3/4" (11.3cm) Half Double Moledura Scrim (28070D)
Item # MOSHD .............. 9.50

4 3/4" (11.3cm) Full Single Moledura Scrim (28071)
Item # MOSFSM .............. 7.95

Matts (Set of 4) (280109)
Item # MOMS .............. 24.50

Diffuser Retainer (280110)
Item # MODR .............. 14.50

Pattern Holder (280195)
Uses Type “E” Micro Patterns.
Item # MOPH .............. 14.50

**PHOTO METRICS WITH FEV LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>4.8&quot; (1.46m)</td>
<td>90</td>
<td>968</td>
<td>8.5</td>
</tr>
<tr>
<td>10' (3.0m)</td>
<td>9.3&quot; (2.8m)</td>
<td>25</td>
<td>269</td>
<td>4</td>
</tr>
<tr>
<td>15' (4.6m)</td>
<td>14&quot; (4.3m)</td>
<td>10</td>
<td>108</td>
<td>2.8</td>
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**SPOT**

<table>
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<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>5' (1.5m)</td>
<td>0.6&quot; (0.18m)</td>
<td>780</td>
<td>8393</td>
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<tr>
<td>10' (3.0m)</td>
<td>1.1&quot; (0.34m)</td>
<td>195</td>
<td>2098</td>
<td>11</td>
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<tr>
<td>15' (4.6m)</td>
<td>1.7&quot; (0.52m)</td>
<td>90</td>
<td>968</td>
<td>8.5</td>
</tr>
</tbody>
</table>

1 footcandle = 10.76 lux.  F-stop provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>ESS</td>
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<td>2000</td>
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<td>GBFEV</td>
<td>12.50</td>
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<td>ESP</td>
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<td>150</td>
<td>1000</td>
<td>2900°K</td>
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<td>100</td>
<td>750</td>
<td>2850°K</td>
<td>GBESR</td>
<td>9.95</td>
</tr>
</tbody>
</table>

**LIGHTING TIP**

The main light in a photograph determines most shadows and highlights. The fill light usually reduces these shadows.
The InBetweenie SolarSpot with circular channel construction provides added strength and more efficient airflow, resulting in a cooler operation. This results in less heat on the fixture and a lower seal temperature, for longer lamp life. This unit is used as a key, back, and kicker light for television, motion picture and still photography. Smooth even focusing is provided with front and rear focusing knobs. A curved yoke allows for a steeper lighting angle. There is a standard top clip on all InBetweensies, allowing barn doors, scrims and frames to be held more securely.

### SPECIFICATIONS

- **Rating:**
  120V AC/DC, 1.7 amps maximum, 250W maximum.

- **Construction:**
  Rugged, light sheet aluminum with vertical circular interlocking channels

- **Lens:**
  2” fresnel lens of heat resisting glass.

- **Socket:**
  Miniature 2-pin.

- **Focusing:**
  Rotating plastic knob on front and back.

- **Cable:**
  25 ft. #18 AWG with 3-prong grounded house plug.

- **Yoke:**

- **Weight:**
  3¼ lbs. (1.7kg) with cable.

- **Dimensions:**
  5⅜ x 3⅛ x 4¾” (149 x 92 x 121mm)

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>FVM</td>
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<td>100</td>
<td>200</td>
<td>3200°K</td>
<td>GBFVL</td>
<td>19.95</td>
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</table>

### PHOTOMETRICS

#### FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>4.1’ (1.25m)</td>
<td>112</td>
<td>1205</td>
<td>11</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>8.1’ (2.5m)</td>
<td>28</td>
<td>301</td>
<td>5.6</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>10.2’ (3.1m)</td>
<td>12</td>
<td>129</td>
<td>2.8</td>
</tr>
</tbody>
</table>

#### SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>1.2’ (0.4m)</td>
<td>228</td>
<td>2453</td>
<td>11.8</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>2.4’ (0.7m)</td>
<td>57</td>
<td>613</td>
<td>5.65</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>3.6’ (1.1m)</td>
<td>25</td>
<td>269</td>
<td>4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Betweenie Solarspot has the same circular channel and airflow feature as the InBetweenie, as well as the dual focusing knobs. Has simple focal spot mounting. Uses a 300 watt FKW lamp. For use in motion picture, television and still photographic studios as a keylight, backlight or kicker.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Way Barndoor (40445)</td>
<td>MOBD2B</td>
<td>57.95</td>
</tr>
<tr>
<td>4-Way, 4-Leaf Barndoor (40445A)</td>
<td>MOBD4B</td>
<td>64.95</td>
</tr>
<tr>
<td>4-Way, 8-Leaf Barndoor (31344)</td>
<td>MOBD4BQ</td>
<td>88.50</td>
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<tr>
<td>Focal Spot (280108)</td>
<td>MOFSB</td>
<td>154.95</td>
</tr>
<tr>
<td>Diffuser Retainer (280110)</td>
<td>MODRB</td>
<td>14.95</td>
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<tr>
<td>Wide Beam Lens Tube Assembly (280115)</td>
<td>MOLTAWB</td>
<td>78.95</td>
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<tr>
<td>Narrow Beam Lens Tube Assembly (280114)</td>
<td>MOLTANB</td>
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<td>Matte (Set of 4) (280109)</td>
<td>MOSBZ</td>
<td>23.95</td>
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<tr>
<td>5⅛ (13cm) Moledisc Diffuser Frame (40437A)</td>
<td>MODFDB</td>
<td>9.95</td>
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<tr>
<td>5⅛ (13cm) Molereng Diffuser Frame</td>
<td>MOSFRB</td>
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<tr>
<td>5⅛ (13cm) Half Single Moledura Scrim (5526S)</td>
<td>MOSHSSB</td>
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<tr>
<td>5⅛ (13cm) Half Double Moledura Scrim (5526D)</td>
<td>MOSHD</td>
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<tr>
<td>5⅛ (13cm) Full Single Moledura Scrim (5523S)</td>
<td>MOSFSB</td>
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<td>9.95</td>
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<td>Scrim Box (280340)</td>
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<td>Scrim Bag (G135)</td>
<td>MOSBBQ</td>
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<tr>
<td>Snoot Set (3) (40438A)</td>
<td>MOSSB</td>
<td>62.50</td>
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<tr>
<td>Molesnoot 5-in-1 (23532)</td>
<td>MOSB</td>
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**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>300W Mole Quartz Betweenie Solarspot (3131)</td>
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**PHOTO METRICS WITH FKW LAMP**

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<tr>
<td>300W Mole Quartz Betweenie Solarspot (3131)</td>
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<td>299.95</td>
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</table>

**300W BETWEENIE SOLARSPOT**

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td><strong>Rating:</strong></td>
<td>120/240V AC/DC, 2.5 amps maximum, 300W maximum.</td>
</tr>
<tr>
<td><strong>Construction:</strong></td>
<td>Rugged, light sheet aluminum with vertical circular interlocking channels.</td>
</tr>
<tr>
<td><strong>Lens:</strong></td>
<td>3&quot; fresnel glass lens.</td>
</tr>
<tr>
<td><strong>Socket:</strong></td>
<td>2-pin prefocus.</td>
</tr>
<tr>
<td><strong>Focusing:</strong></td>
<td>Rotating plastic knob on front and rear.</td>
</tr>
<tr>
<td><strong>Cable:</strong></td>
<td>25 ft. #18 AWG with 3-prong grounded house plug.</td>
</tr>
<tr>
<td><strong>Yoke:</strong></td>
<td>Cast aluminum. Fits any standard 5/8&quot; diameter spud.</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>4½ lbs. (2.0kg) with cable.</td>
</tr>
<tr>
<td><strong>Dimensions:</strong></td>
<td>6⅛ x 7 x 9&quot; (156 x 178 x 229mm)</td>
</tr>
</tbody>
</table>

**PHOTO - VIDEO - PRO AUDIO**

**LIGHTING Q&A**

What is a composite?

A composite is two or more photographs of the same person in different situations. When I do a portfolio, for example, I may have someone playing tennis, drinking a can of soft drink, and then a closeup headshot. I think an ideal formula for a composite would be a headshot, a medium shot, and a full-length shot. You can get as many as five on a page.

A compact, focusable tungsten-halogen quartz fixture, designed for the traveling cameraman. Extremely smooth, flat field in all positions from spot to flood. Fixture may be mounted on a stand, a camera or may be hand held. Used for TV news coverage, TV film commercials, as well as motion picture and industrial film. This unit uses a 250 watt or 600 watt 120v lamp. Also uses a 30v quartz lamp with a 30v battery pack. Equipped with a safety screen. Available in kits for ease of transportation.

**600W TEENIE-WEENIE MOLE**

600W MoleQuartz Teenie-Weenie Mole (4031)

**ACCESSORIES**

2-Way Light Shield (4032)
Item # MOBD2TW .................. .53.50

4-Way Light Shield (4034)
Item # MOBD4TW .................. .48.50

Clear Glass Assembly (4033)
Item # MOCGATW .................. .64.95

15’ Extension Cable (4038)
Item # MOEC15TW ................. .24.50

5’ / (13cm) Moledisc Diffuser Frame (40437A)
Item # MODDFDTW ................. .9.95

5’ / (13cm) Molering Diffuser Frame (23535)
Item # MODFRTW ................. .17.50

5’ / (13cm) Half Single Scrim (5526S)
Item # MOSFSTW .................. .9.50

5’ / (13cm) Full Single Scrim (5526D)
Item # MOSHDTW .................. .9.95

5’ / (13cm) Half Double Scrim (5528D)
Item # MOSHDTW .................. .9.50

Blue Daylight Conversion Filter (5529)
Item # MOBLDLCFTW .......... .106.95

Battery Pack Cable Adapter (4039)
Item # MOBPCATW ................. .33.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EKO</td>
<td>120</td>
<td>650</td>
<td>25</td>
<td>3400°K</td>
<td>GBEKO</td>
<td>18.95</td>
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<tr>
<td>DYS</td>
<td>120</td>
<td>600</td>
<td>75</td>
<td>3200°K</td>
<td>GBODY220</td>
<td>18.95</td>
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<td>BK8</td>
<td>120</td>
<td>420</td>
<td>75</td>
<td>3200°K</td>
<td>GBKB</td>
<td>18.49</td>
</tr>
<tr>
<td>EYL</td>
<td>12</td>
<td>100</td>
<td>50</td>
<td>3300°K</td>
<td>GBETY</td>
<td>16.95</td>
</tr>
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</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

**PHOTOMETRICS WITH DYS LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’ (1.5m)</td>
<td>5.7” (1.7m)</td>
<td>400</td>
<td>4304</td>
<td>16</td>
</tr>
<tr>
<td>8’ (2.4m)</td>
<td>7.9” (2.4m)</td>
<td>215</td>
<td>2313</td>
<td>11.5</td>
</tr>
<tr>
<td>10’ (3.1m)</td>
<td>10.2” (3.1m)</td>
<td>135</td>
<td>1453</td>
<td>11</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>15.6” (4.8m)</td>
<td>60</td>
<td>646</td>
<td>8</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’ (1.5m)</td>
<td>2.5” (0.8m)</td>
<td>1389</td>
<td>14.949</td>
<td>36</td>
</tr>
<tr>
<td>8’ (2.4m)</td>
<td>3.3” (1.0m)</td>
<td>785</td>
<td>8447</td>
<td>22.5</td>
</tr>
<tr>
<td>10’ (3.1m)</td>
<td>4.2” (1.3m)</td>
<td>500</td>
<td>5380</td>
<td>16.8</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>6.3” (1.9m)</td>
<td>220</td>
<td>2367</td>
<td>11.5</td>
</tr>
</tbody>
</table>
This compact, focusable tungsten-halogen quartz fixture provides high intensity in a small package. Excellent for use in small TV studios, or on stages in schools and universities. Using a special Aluminum Molebrite Alzak reflector, it has an extremely smooth, flat field in all positions from spot to flood. This unit uses a 650 watt FAD 3200°K quartz lamp. Equipped with a safety screen.

### Specifications

**Rating:**
120/240V AC/DC, 5.4 amps maximum, 800W maximum.

**Construction:**
Solid and perforated sheet steel.

**Sockets:**
Compressible single contact. (2 per globe).

**Reflector:**
Aluminum, special Molebrite Alzak surface.

**Beam Control:**
Screw type knob on back.

**Cable:**
25 ft. #18 AWG with 3-prong grounded house plug.

**Yoke:**
Cast aluminum, fits any standard 5/8˝ diameter spud.

**Weight:**
5 1/4 lbs. (2.4kg) with cable.

**Dimensions:**
6 1/4 diameter x 7 3/8˝ long (159 x 187mm)

### Accessories

- 2-Leaf Light Shield (4052): Item # M0BD2TMQ ...57.95
- 4-Leaf Light Shield (4054): Item # M0BD4TMQ ...54.50
- Accessory Holder (4055): Item # MOAHTMQ ...38.95
- Dichroic Daylight Filter (4057): Item # M0DDLCFTMQ ...129.95
- Blue Daylight Conversion Filter (4056): Item # M0BLDLCFTMQ ...97.50
- Clear Glass Assembly (40593): Item # M0CGATMQ ...74.50
- 6 1/4˝ (15.9cm) Moledisc Diffuser Frame (4053): Item # MODFDTMQ ...9.95
- 6 1/4˝ (15.9cm) Half Single Moledura Scrim (4058S): Item # MOSFSTMQ ...9.95
- 6 1/4˝ (15.9cm) Half Double Moledura Scrim (4058D): Item # MOSFDTMQ ...9.95
- 6 1/4˝ (15.9cm) Full Single Moledura Scrim (4059S): Item # MOSFSTMQ ...9.95
- 6 1/4˝ (15.9cm) Full Double Moledura Scrim (4059D): Item # MOSFDTMQ ...9.95
- Scrim Bag (G138): Item # MOBSTMZ ...38.95
- Scrim Box (407340): Item # MOSBTMQ ...62.95
- Snoot 5˝ (40514): Item # MOSTMQ ...38.95

### LAMPS

<table>
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<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAD</td>
<td>120</td>
<td>650</td>
<td>100</td>
<td>3200°K</td>
<td>GBFAD</td>
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<tr>
<td>FDA</td>
<td>120</td>
<td>400</td>
<td>250</td>
<td>3200°K</td>
<td>GBFDA</td>
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<td>BHP</td>
<td>120</td>
<td>300</td>
<td>2500</td>
<td>3000°K</td>
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</table>

### Photometrics with FAD Lamp

#### FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’ (1.5m)</td>
<td>6.6x8.4’ (2.0x2.6m)</td>
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<td>2851</td>
<td>16</td>
</tr>
<tr>
<td>8’ (2.4m)</td>
<td>8.8x11.2’ (2.7x3.4m)</td>
<td>135</td>
<td>1453</td>
<td>11</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>11.2x14’ (3.4x4.3m)</td>
<td>85</td>
<td>915</td>
<td>8</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>16.5x21’ (5.0x6.4m)</td>
<td>40</td>
<td>430</td>
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#### SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’ (1.5m)</td>
<td>2.0x1.3’ (0.6x0.4m)</td>
<td>2160</td>
<td>22,422</td>
<td>45</td>
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<tr>
<td>8’ (2.4m)</td>
<td>2.6x2.6’ (0.8x0.8m)</td>
<td>1200</td>
<td>12,912</td>
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</tr>
<tr>
<td>10’ (3.0m)</td>
<td>3.3x3.3’ (1.0x0.8m)</td>
<td>780</td>
<td>8393</td>
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<td>15’ (4.6m)</td>
<td>5.0x5.0’ (1.5x1.5m)</td>
<td>350</td>
<td>3766</td>
<td>16</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

### LIGHTING Q&A

Is it possible to have a unique style in portraiture?

Striving for excellence will help you to develop your own unique style—it will come mainly out of your positive personality and enthusiasm for your work. If you have the spark, you will light the fire of style. Excellent lighting will certainly contribute to your developing style.

---

The 650 watt SolarSpot with circular channel construction provides added strength, and more efficient airflow, resulting in a cooler operation. This results in less heat on the fixture and a lower seal temperature, for longer lamp life. It is used as a key-light, backlight or kicker in still photography studios, for motion pictures, and the television industry. The front door opens for easy lamp access and has a new quick release socket. There is a focusing knob in the front and the rear that goes from spot to wide with a smooth even field. Uses three lamps; 650 watt FRK, 500 watt FRG and 300 watt FKW. Lamps must be purchased separately.

**SPECIFICATIONS**

**Rating:**
120, 220 or 240V AC/DC, 8.3 amps maximum, 650W maximum.

**Construction:**
Aluminum with vertical circular interlocking channels.

**Lens:**
4½” fresnel lens of glass.

**Socket:**
2-pin prefocus.

**Focusing:**
Rotating plastic knobs, front and rear.

**Cable:**
25 ft. #18 AWG with 3-prong grounded house plug.

**Yoke:**
Cast aluminum. Fits any standard 5/8” diameter spud.

**Weight:**
6½ lbs. (3.1kg) with cable.

**Dimensions:**
8½ x 8½ x 11½” (LWH) (222 x 222 x 281mm)

**PHOTO METRICS WITH FRK LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
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<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>5.7” (1.7m)</td>
<td>280</td>
<td>3013</td>
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<tr>
<td>10’ (3.0m)</td>
<td>11.3” (3.4m)</td>
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<td>839</td>
<td>5.6</td>
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<tr>
<td>15’ (4.6m)</td>
<td>17.3” (5.3m)</td>
<td>30</td>
<td>323</td>
<td>4</td>
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<tr>
<td>20’ (6.1m)</td>
<td>22.7” (6.9m)</td>
<td>18</td>
<td>194</td>
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**ACCESSORIES**

<table>
<thead>
<tr>
<th>2-Way, 2-Leaf Barndoor</th>
<th>Item # MBDT2</th>
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</tr>
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<td></td>
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<table>
<thead>
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<td></td>
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<table>
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<tbody>
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<table>
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<table>
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<th>Molesnoot 5-in-1</th>
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</thead>
<tbody>
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<td></td>
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</table>

<table>
<thead>
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<th>Price</th>
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</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
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<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>5⅛” (13cm) Full Single Scrim</th>
<th>Item # MOGHT2</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
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<th>5⅛” (13cm) Full Double Scrim</th>
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<th>Price</th>
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<tbody>
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<td></td>
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<table>
<thead>
<tr>
<th>Scrim Box</th>
<th>Item # MOSBTQ</th>
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<table>
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<th>Scrim Bag (G138)</th>
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**LAMP SPECIFICATIONS**

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<thead>
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<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<td>FRK</td>
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<td>650</td>
<td>200</td>
<td>3200°K</td>
<td>GBFRK</td>
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<tr>
<td>FRG</td>
<td>120</td>
<td>500</td>
<td>150</td>
<td>3200°K</td>
<td>GBFRG</td>
<td>34.95</td>
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<tr>
<td>FKW</td>
<td>120</td>
<td>300</td>
<td>200</td>
<td>3200°K</td>
<td>GBFKW</td>
<td>24.95</td>
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**PHOTOMETRICS WITH FRK LAMP**

<table>
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<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
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<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>0.8” (0.2m)</td>
<td>2265</td>
<td>24,371</td>
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<tr>
<td>10’ (3.0m)</td>
<td>1.4” (0.4m)</td>
<td>660</td>
<td>7102</td>
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<tr>
<td>15’ (4.6m)</td>
<td>2.3” (0.7m)</td>
<td>315</td>
<td>3389</td>
<td>11</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>3.0” (0.9m)</td>
<td>180</td>
<td>1937</td>
<td>8.5</td>
</tr>
</tbody>
</table>

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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Provides soft, diffused virtually shadowless light, with a smooth field. Can be mounted on a television or motion picture camera as a fill-light. Also used for soft fill in still, commercial and motion picture photography. Design allows for indirect light, without obstruction from diffuse surfaces, through a relatively large aperture. Uses a 750 watt EM D 3200k quartz lamp.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>EMD</td>
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<td>750</td>
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<td>3200°K</td>
<td>GBEMD</td>
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</tr>
<tr>
<td>FDN</td>
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<td>500</td>
<td>400</td>
<td>3200°K</td>
<td>GBFDN</td>
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<tr>
<td>BHZ</td>
<td>120</td>
<td>300</td>
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<td>GBHIZ</td>
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<tr>
<td>EMF</td>
<td>240</td>
<td>800</td>
<td>250</td>
<td>3200°K</td>
<td>GBEMF</td>
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**PHOTOMETRICS**

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<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>4' (1.2m)</td>
<td>5.6' (1.7m)</td>
<td>200</td>
<td>2152</td>
<td>8.5</td>
</tr>
<tr>
<td>6' (1.8m)</td>
<td>8.4' (2.6m)</td>
<td>90</td>
<td>968</td>
<td>5.65</td>
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<tr>
<td>8' (2.4m)</td>
<td>11.2' (3.4m)</td>
<td>50</td>
<td>538</td>
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<tr>
<td>10' (3.0m)</td>
<td>14.0' (4.3m)</td>
<td>30</td>
<td>323</td>
<td>4</td>
</tr>
<tr>
<td>12' (3.7m)</td>
<td>16.8' (5.1m)</td>
<td>20</td>
<td>215</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The 1000 watt Molequartz 6” Baby Solarspot with circular channel construction for added strength and more efficient airflow, resulting in cooler operation. Less heat on the fixture and lower seal temperature of the globes for longer life. Paddle knobs on the front and rear for focusing from the spot-to-flood for a smoother even field. For use in Motion Picture, Television and the Still Photographic Industries as a key-light, back-light or kicker. Equipped with safety screen.

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGT</td>
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<td>1000</td>
<td>250</td>
<td>3200°K</td>
<td>GBEGT</td>
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<td>GBEGR</td>
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<td>EGN</td>
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<td>500</td>
<td>100</td>
<td>3200°K</td>
<td>GBEGN</td>
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PHOTO METRICS WITH EGT LAMP

<table>
<thead>
<tr>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>4.3’ (1.3m)</td>
<td>700</td>
<td>7532</td>
<td>22</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>8.5’ (2.6m)</td>
<td>180</td>
<td>1937</td>
<td>11</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>12.8’ (3.9m)</td>
<td>80</td>
<td>861</td>
<td>5.68</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>17.1’ (5.2m)</td>
<td>45</td>
<td>484</td>
<td>4.5</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Compact, focusable tungsten-halogen quartz fixture provides high intensity in a small package. For use in TV news coverage, and TV Film commercials as well as Motion Picture and Industrial films. Excellent for use in small TV studios or stages in schools and universities. Available in kits for ease in transporting by car, truck, or airplane. Extremely smooth, flat field in all positions from spot-to-flood. Uses special Aluminum Molebrite Alzak Reflector. For use with 1000 watt 3200K quartz globe. Equipped with safety screen.

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>DXW</td>
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<td>1000</td>
<td>150</td>
<td>3200°K</td>
<td>GBDXW</td>
<td>28.95</td>
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<tr>
<td>FBY</td>
<td>120</td>
<td>1000</td>
<td>150</td>
<td>3200°K</td>
<td>GBFBY</td>
<td>29.95</td>
</tr>
<tr>
<td>BRH</td>
<td>120</td>
<td>1000</td>
<td>75</td>
<td>3350°K</td>
<td>GBBRH</td>
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PHOTOMETRICS WITH DXW LAMP

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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ (1.2m)</td>
<td>3.2’Wx4.2’H (1.0x1.3m)</td>
<td>1000</td>
<td>10,760</td>
<td>22.5</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>5.2’Wx7.4’H (1.6x2.3m)</td>
<td>450</td>
<td>4842</td>
<td>16.5</td>
</tr>
<tr>
<td>8’ (2.4m)</td>
<td>7.0’Wx9.8’H (2.1x2.5m)</td>
<td>250</td>
<td>2960</td>
<td>11.8</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>8.9’Wx12.5’H (2.7x3.8m)</td>
<td>160</td>
<td>1722</td>
<td>8.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Compact, focusable tungsten-halogen quartz fixture provides high intensity in a small package. For use in TV news coverage, and TV Film commercials as well as Motion Picture and Industrial films. Excellent for use in small TV studios or stages in schools and universities. Available in kits for ease in transporting by car, truck, or airplane. Extremely smooth, flat field in all positions from spot-to-flood. Uses special Aluminum Molebrite Alzak Reflector. For use with 2000 watt 3200°K quartz globe. Equipped with safety screen.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEY</td>
<td>120</td>
<td>2000</td>
<td>500</td>
<td>3200°K</td>
<td>GFEY</td>
<td>39.95</td>
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<tr>
<td>FEX</td>
<td>240</td>
<td>2000</td>
<td>300</td>
<td>3200°K</td>
<td>GFBEX</td>
<td>73.95</td>
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<tr>
<td>FBR</td>
<td>120</td>
<td>1000</td>
<td>500</td>
<td>3200°K</td>
<td>GFBFER</td>
<td>34.95</td>
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**PHOTO METRICS WITH FEY LAMP**

<table>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>9.8 W x 12.5' H (3.0x2.8m)</td>
<td>330</td>
<td>3551</td>
<td>16.5</td>
</tr>
<tr>
<td>15' (4.6m)</td>
<td>14.7W x 18.8' H (4.5x5.7m)</td>
<td>145</td>
<td>1560</td>
<td>11</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>19.6W x 25.0' H (6.0x7.6m)</td>
<td>145</td>
<td>1560</td>
<td>11</td>
</tr>
<tr>
<td>25' (7.6m)</td>
<td>24.5W x 31.3' H (7.5x9.5m)</td>
<td>55</td>
<td>592</td>
<td>5.6</td>
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</tbody>
</table>

Snoots and honeycomb grids are both used to control the spread of light and make it more directional.

**ACCESSORIES**

- 2-Leaf Barndoor (4092)
  - Item # MOBD2MMQ ....... 73.95
- 4-Leaf Barndoor (4094)
  - Item # MOBD4MMQ ...... 102.50
- Accessory Holder (4095)
  - Item # MOAHMMQ ...... 48.95
- 10¼" (25.7cm) Ring Diffusion Frame (412192)
  - Item # MODFRMMZ ...... 19.95
- 10¼" (25.7cm) Disc Diffusion Frame (41245A)
  - Item # MODFDMMZ ...... 17.50
- Scrim Bag (G137)
  - Item # MOSBM MQ1 ...... 33.95
- Half Single Moledura Scrim Stainless Steel Screen (4098S)
  - Item # M OSHSP1.2K ...... 12.50
- Single Moledura Scrim Stainless Steel Screen (4099S)
  - Item # M O SFSH1.2K ....... 12.50
- Dichroic Daylight Conversion Filter (4097)
  - Item # MODDCF MM ...... 219.95
- Blue Molecolor (4096)
  - Item # M O B M M ...... 179.50

**SPECIFICATIONS**

- **Rating:** 120/240V AC/DC, 16.7amps maximum, 2000W maximum.
- **Construction:** Solid and perforated sheet steel.
- **Sockets:** Compressible single contact (2 per globe).
- **Beam Control:** Screw type knob on back.
- **Cable:** 25 ft. #12 AWG 3-conductor.
- **Yoke:** Cast aluminum. Fits any standard 5/8" diameter spud.
- **Weight:** 12½ lbs. (5.8kg) with cable.
- **Dimensions:** 9½ diameter x 11" long (241 x 222 x 279mm)

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>3.2 W x 3.2' H (1.0x1.0m)</td>
<td>2500</td>
<td>26,900</td>
<td>45</td>
</tr>
<tr>
<td>15' (4.5m)</td>
<td>4.8W x 4.8' H (1.5x1.5m)</td>
<td>1110</td>
<td>11,944</td>
<td>36</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>6.4W x 6.4' H (1.9x1.9m)</td>
<td>625</td>
<td>6725</td>
<td>22.2</td>
</tr>
<tr>
<td>25' (7.6m)</td>
<td>8.0W x 8.0' H (2.4x2.4m)</td>
<td>400</td>
<td>4304</td>
<td>11.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
This small Mini-Softlite provides soft, diffused, virtually shadowless light with a smooth field. For use in confined, close-up areas, and may also be mounted on Motion Picture or Television cameras as a front fill light. Designed so that all the light comes indirect and unobstructed from diffuse surfaces. Uses 650 watt FAD 3200K quartz globe. Equipped with safety screen.

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>FAD</td>
<td>120</td>
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<td>100</td>
<td>3200°K</td>
<td>GBFAD</td>
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<tr>
<td>FBX</td>
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<td>650</td>
<td>25</td>
<td>3200°K</td>
<td>GBFBX</td>
<td>29.95</td>
</tr>
<tr>
<td>DWF</td>
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<td>650</td>
<td>25</td>
<td>3400°K</td>
<td>GBDFW</td>
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**Photometrics with FAD Lamp**

<table>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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<tr>
<td>4’ (1.2m)</td>
<td>5.0’ (1.5m)</td>
<td>150</td>
<td>1614</td>
<td>8.5</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>7.6’ (2.3m)</td>
<td>67</td>
<td>721</td>
<td>5.65</td>
</tr>
<tr>
<td>8’ (2.4m)</td>
<td>10.0’ (3.0m)</td>
<td>38</td>
<td>409</td>
<td>4.5</td>
</tr>
<tr>
<td>10’ (3.1m)</td>
<td>12.7’ (3.9m)</td>
<td>24</td>
<td>258</td>
<td>2.85</td>
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<tr>
<td>12’ (3.7m)</td>
<td>15.3’ (4.7m)</td>
<td>17</td>
<td>183</td>
<td>2.8</td>
</tr>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Designed to fill the need for a small compact Softlight. High performance for locations and small sets where space is at a minimum. Light comes indirect and unobstructed from diffuse surfaces. For use with two 1000 watt FCM 3200K quartz lamps. Two switches in the rear control light intensity. Equipped with a safety screen. Available in kit form.

**SPECIFICATIONS**

**Rating:**
120/240V AC/DC, 16.7 amps maximum, 2000W maximum.

**Construction:**
Solid and perforated sheet steel.

**Sockets:**
Compressible single contact. (2 per globe).

**Cable:**
25 ft. #14 AWG 3-conductor.

**Yoke:**
Cast aluminum. Fits any standard 5/8˝ diameter spud.

**Weight:**
13½ lbs. (6.2kg) with cable.

**Dimensions:**
8˝ x 17½˝ aperture (203 x 445mm)

**ACCESSORIES**

- 2-Leaf Light Shield Barndoor (25950) Item # MOBD2LSBS2K ..........72.95
- Egg Crate (2595) Item # MOECBZSL ..........157.50
- 18½ x 8½˝ (46.4x46.4cm) Moledisc Diffuser Frame (25930) Item # MOMDF18 ..........34.50
- 18½ x 8½˝ (46.4x46.4cm) Stainless Steel Full Single Scrim (25979S) Item # MOSSFSS18 ..........34.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>FCM</td>
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<td>750</td>
<td>400</td>
<td>3200°K</td>
<td>GBEMD</td>
<td>17.95</td>
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<tr>
<td>FDN</td>
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<td>500</td>
<td>400</td>
<td>3200°K</td>
<td>GBFDN</td>
<td>13.95</td>
</tr>
<tr>
<td>EHM</td>
<td>120</td>
<td>300</td>
<td>2000</td>
<td>2950°K</td>
<td>GBEHM</td>
<td>3.95</td>
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**PHOTO METRICS WITH FCM LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>4˝ (1.2m)</td>
<td>5.3x5.3˝ (1.6x1.6m)</td>
<td>540</td>
<td>5810</td>
<td>16.5</td>
</tr>
<tr>
<td>6˝ (1.8m)</td>
<td>11.0x10.3˝ (3.5x3.1m)</td>
<td>150</td>
<td>1614</td>
<td>8</td>
</tr>
<tr>
<td>8˝ (2.4m)</td>
<td>17.4x15.5˝ (5.3x4.7m)</td>
<td>70</td>
<td>753</td>
<td>5.6</td>
</tr>
<tr>
<td>10˝ (3.1m)</td>
<td>23.2x20.7˝ (7.1x6.3m)</td>
<td>40</td>
<td>430</td>
<td>4.5</td>
</tr>
<tr>
<td>12˝ (3.7m)</td>
<td>29.0x25.8˝ (8.8x7.9m)</td>
<td>25</td>
<td>269</td>
<td>3.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**LIGHTING Q&A**

Do I need a staff, or is it possible to start out working alone?

If you have a friend or relative who wants to volunteer some time, fine. But realistically, in the beginning you’ll have the time to do it alone. If you’re married and your wife or husband isn’t working, that’s perfect. If not, the local unemployment office is always there. I was in business for several years before I hired an assistant.

---

The 2000 Watt Molequartz 8” Junior Solarspot with circular channel construction for added strength and more efficient airflow, resulting in cooler operation. Less heat on the fixture and lower seal temperature of the globe for longer life. Knobs on front and rear for focusing from spot-to-flood for a smoother even field. For use in Motion Picture, Television and the Still Photographic Studios as a key-light, back-light or kicker. Equipped with Safety Screen.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item #</th>
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**LAMP SPECIFICATIONS**

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<th>Bulb</th>
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<td>3200°K</td>
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**PHOTO METRICS WITH CYX LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tr>
<td>10' (3.0m)</td>
<td>8.8” (2.7m)</td>
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<td>5272</td>
<td>11</td>
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<tr>
<td>15' (4.6m)</td>
<td>13.1” (4.0m)</td>
<td>220</td>
<td>2367</td>
<td>8</td>
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<tr>
<td>20' (3.1m)</td>
<td>17.4” (5.3m)</td>
<td>130</td>
<td>1399</td>
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<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>1.6” (0.5m)</td>
<td>3920</td>
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<tr>
<td>15’ (4.6m)</td>
<td>2.5” (0.8m)</td>
<td>1745</td>
<td>18,776</td>
<td>22</td>
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<tr>
<td>20’ (3.1m)</td>
<td>3.4” (1.0m)</td>
<td>1000</td>
<td>10,760</td>
<td>16</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
MOLE RICHARDSON

ACCESSORIES

C-Clamp & Hanger Adapter (1201)
For all lights.
Item # MOCCSL .................. 19.95
Molegator Grip (4022)
For all lights, except Baby Softlite and Baby “Zip” Softlite.
Item # MOGGB .................. 27.50
Junior to Baby Stand Adapter (50073)
For all lights, except Baby Softlite.
Item # MOLSBSF .................. 19.95
Baby Wall Plate (500141)
For all lights.
Item # MOBWP .................. 14.50
Baby Spud Pole Adapter (500327)
For all lights, except InBetweenie.
Item # MOBSPA .................. 27.50
Right Angle Baby Wall Plate (500547)
For all lights, except InBetweenie.
Item # MORAABWP ................. 24.50
Caster Post (500179)
For Mini-Mole, Tweenie Ii, Baby Softlite, Mickey-Mole and Baby “Zip” Softlite.
Item # MOHBL716S ................. 14.50
5/8” to 3/8” Spud Adapter (23523)
For Mini-Mole, InBetweenie, Teenie Mole and Mickey-Mole.
Item # MOHBL38M ................. 16.95
Baby Trombone (500190)
For Mini-Mole, Tweenie Mole, Teenie Ii, Baby Softlite and Baby “Zip” softlite.
Item # MOBQT .................. 108.95
Baby Stand Riser (500192)
For Mini-Mole, Tweenie-Weenie, Teenie Mole, Baby Softlite, Mickey Mole and Baby “Zip” Softlite.
Item # MOBSR24 .................. 27.50
Baby Stand Triple Head (500216)
For Mini-Mole, Betweenie, Teenie Mole, Tweenie II, Baby Softlite & Mickey-Mole.
Item # MOATBHS .................. 36.50
Baby Stand Double Head (500250)
For Mini-Mole, Betweenie, Teenie-Weenie Mole, Teenie Mole, Tweenie II, Baby Softlite and Mickey-Mole.
Item # MOADBHBS .................. 33.95
Baby Wall Sled (500280)
For Mini-Mole, Teenie Mole and Baby “Zip” Softlite.
Item # MOWSB .................. 84.95
Gator Grip (500236)
For Mini-Mole, Teenie Mole and Mickey-Mole.
Item # MOGGL1Q .................. 19.50
Junior to Baby Hanger (500343)
For Mini-Mole, Tweenie Mole, Tweenie II & Baby “Zip” Softlite.
Item # MOHADS .................. 27.50
Cluster Hanger (500333)
For Teenie Mole & Tweenie II.
Item # MOCCH .................. 139.95
5/8” to 1/2” Spud Adapter (500437)
For Mini-Mole, Teenie-Weenie Mole, Teenie Mole & Mickey-Mole.
Item # MOABLS ................. 17.95
Molevac Base Plate (500565)
With a 5/8” spud. For Mini-Mole, Teenie-Weenie Mole, Teenie Mole and Mickey-Mole.
Item # MOMVBP .................. 48.95
Molevac Dual-Cup Base Plate (500575)
For Mini-Mole, Teenie Mole, Mickey-Mole and Baby “Zip” Softlite.
Item # MOMVDBP ................. 68.95
Molegrip (500648)
With a 5/8” spud. For Mini-Mole, Mickey-Mole and Baby “Zip” Softlite.
Item # MOMG .................. 34.95
Molegrip Chain Wrench (500649)
With a 5/8” spud. For Mini-Mole, Betweenie, Tweenie II, Baby Softlite, Mickey-Mole and Baby “Zip” Softlite.
Item # MOMGCW .................. 59.50
Baby Size Furniture Clamp (500650)
For Mini-Mole, Baby Softlite, Mickey-Mole & Baby “Zip” Softlite.
Item # MOCBQ .................. 44.95
Scissor Clip Spud Adapter (500939)
For Mini-Mole, InBetweenie and Betweenie.
Item # MOASCBL .................. 12.95
Molelite Adapter (500824)
With 5/8” spud. For Teenie-Weenie.
Item # MOLABL .................. 39.95
Scissor Clip Hook Adapter (500964)
For Mini-Mole and Betweenie.
Item # MOSCHA .................. 9.95
Scissor Clip Spud Adapter with Safety Chain (500500)
For InBetweenie and Betweenie.
Item # MOHSCCB ...... 33.50
3” Mole-Putty (5001002)
For a 5/8” spud. For InBetweenie and Betweenie.
Item # MOABQ .................. 14.95
Baby Offset Arm (500768)
For Betweenie and Tweenie II.
Item # MOEH13B .................. 29.95
Right Angle Baby Spud Adapter (500311)
For Mini-Mole, Teenie-Weenie, Teenie Mole & Baby Softlite.
Item # MOABL ........................................ 28.95
Baby Wall Plate (500666)
With safety chain. For Baby “Zip” Softlite.
Item # MOBWPC .................. 26.95
Molelite Adapter (500892)
With 5/8” spud. For Teenie-Weenie.
Item # MOLABL .................. 39.95
Scissor Clip Hook Adapter (500964)
For Mini-Mole and Betweenie.
Item # MOSCHA .................. 9.95
Scissor Clip Spud Adapter with Safety Chain (500500)
For InBetweenie and Betweenie.
Item # MOHSCCB ...... 33.50
3” Mole-Putty (5001002)
For a 5/8” spud. For InBetweenie and Betweenie.
Item # MOABQ .................. 14.95
Baby Offset Arm (500768)
For Betweenie and Tweenie II.
Item # MOEH13B .................. 29.95
Right Angle Baby Spud Adapter (500311)
For Mini-Mole, Teenie-Weenie, Teenie Mole & Baby Softlite.
Item # MOABL ........................................ 28.95
Baby Wall Plate (500666)
With safety chain. For Baby “Zip” Softlite.
Item # MOBWPC .................. 26.95
6” Baby Wall Plate (3’x6’ plate) (500750)
For Baby Softlite, Mickey-Mole and Baby “Zip” Softlite.
Item # MOABLS ................. 29.95
18” Baby Wall Plate (500764)
For Baby Softlite, Mickey-Mole and Baby “Zip” Softlite.
Item # MOABLS ................. 29.95
12” Baby Spud Bar Clamp (500736)
For Teenie-Weenie Mole, Baby Softlite, Mickey-Mole and Baby “Zip” Softlite.
Item # MOBSBC6 ................. 29.95
6” Baby Spud Bar Clamp (500760)
For Teenie-Weenie Mole, Baby Softlite, Mickey-Mole and Baby “Zip” Softlite.
Item # MOABLS ................. 29.95
18” Baby Spud Bar Clamp (500737)
For Baby Softlite, Mickey-Mole and Baby “Zip” Softlite.
Item # MOBSBC18 ................. 29.95
24” Baby Spud Bar Clamp (500738)
For Baby Softlite, Mickey-Mole and Baby “Zip” Softlite.
Item # MOBSBC24 ................. 29.95
MOLE RICHARDSON KITS

300 Watt Mole Quartz Betweenie Solarspot Kit (5821)
Consists of:
3 - 300W Betweenie Solarspots
3 - 4-way Barn-doors
3 - Diffuser Frames
3 - Half Single Moledura Scrims
3 - Half Double Moledura Scrims
3 - Single Moledura Scrims
6 - Double Moledura Scrims
3 - Scrim Bags
3 - Lightwate Kit Stands
1 - Moleded Case
Item # MOB3KQ .............1798.95

650 Watt Mole Quartz Tweenie II Solarspot Kit (5822)
Same as above, except with 3 - 650W Tweenie Solarspots.
Item # MOT3K ..............1949.95

Tweenie/Softlite Combo Kit (5823)
Consists of:
2 - 650W Tweenie Solarspots
2 - Four-way barn-doors
2 - Diffuser Frames
2 - Half Single Moledura Scrims
2 - Half Double Moledura Scrims
2 - Single Moledura Scrims
4 - Double Moledura Scrims
2 - Scrim Bags
1 - 650W Mini Softlite
1 - Egg Crate
1 - Diffuser Frame
1 - Single Moledura Scrim
1 - Double Moledura Scrim
1 - Scrim Bag
3 - Lightwate Kit Stands
1 - Moleded Case
Item # MOTSL3CK ..........1984.95

Tweenie/Teenie Combo Kit (5824)
Consists of:
2 - 650W Tweenie Solarspots
2 - 300W Betweenie Solarspots
4 - Four-way barn-doors
4 - Diffuser Frames
4 - Half Single Moledura Scrims
4 - Half Double Moledura Scrims
4 - Single Moledura Scrims
8 - Double Moledura Scrims
4 - Scrim Bags
1 - 650W Teenie Mole
1 - Accessory Holder
1 - Four-leaf Light Shields
1 - Diffuser Frame
1 - Half Single Moledura Scrim
1 - Half Double Moledura Scrim
1 - Single Moledura Scrim
2 - Double Moledura Scrim
2 - Scrim Bags
1 - Moleded Case
1 - Molegator Grip
1 - Half Single Moledura Scrim
1 - Half Double Moledura Scrim
1 - Single Moledura Scrim
2 - Double Scrims
1 - Scrim Bag
3 - Lightwate Kit Stands
1 - Moleded Case
Item # MOBTM4CK ..........1898.95

100/200 Watt Mole Quartz InBetweenie Solarspot Kit (5825)
Consists of:
4 - 100/200W InBetweenie Solarspots
4 - Four-way Barn-doors
4 - Diffuser Frame
4 - Half Single Moledura Scrims
4 - Half Double Moledura Scrims
4 - Single Moledura Scrims
8 - Double Moledura Scrims
4 - Scrim Bags
3 - Lightwate Kit Stands
1 - Molegator Grip
1 - Moleded Case
Item # M014K .............1926.50

Tweenie/Betweenie Combo Kit (5826)
Consists of:
2 - 650W Tweenie Solarspots
2 - 300W Betweenie Solarspots
4 - Four-way Barn-doors
4 - Diffuser Frames
4 - Half Single Moledura Scrims
4 - Half Double Moledura Scrims
4 - Single Moledura Scrims
8 - Double Moledura Scrims
4 - Scrim Bags
4 - Lightwate Kit Stands
1 - Moleded Case
Item # MOTB4CK ...........2549.95

600 Watt Mole Quartz Teenie-Weenie Kit (5827)
Consists of:
3 - Teenie-Weenie Moles
3 - Four-way Barn-doors
3 - Diffuser Frames
3 - Half Single Moledura Scrims
3 - Half Double Moledura Scrims
3 - Single Moledura Scrims
6 - Double Moledura Scrims
3 - Scrim Bags
3 - Lightwate Kit Stands
1 - Moleded Case
Item # MOTW3K ..........1597.50

4 Light Combo Kit (58212)
Consists of:
1 - 300W Betweenie Solarspot
1 - 4-way Barn-door
1 - Diffuser Frame
1 - Half Single Moledura Scrim
1 - Half Double Moledura Scrim
1 - Single Moledura Scrim
2 - Double Moledura Scrim
1 - Scrim Bag
2 - Diffuser Frames
2 - Half Single Moledura Scrim
2 - Half Double Moledura Scrim
2 - Single Moledura Scrim
4 - Double Scrims
2 - Scrim Bags
1 - Accessory Holder
1 - Four-Leaf Light Shield
1 - Diffuser Frame
1 - Half Single Moledura Scrim
1 - Half Double Moledura Scrim
1 - Single Moledura Scrim
2 - Double Scrims
1 - Scrim Bag
1 - Moleded Carrying Case
4 - Lightwate Kit Stands
Item # MOBTMM4CK ........2578.95
**Baby Kit** (58210)  
Consists of:  
- 1000 Watt Baby  
- 4-Way Barn Door  
- Moledisc Diffuser Frame  
- Half Single Scrim  
- Half Double Scrim  
- Single Scrim  
- Double Scrim  
- Scrim Bag  
- Husky Baby Stand  
1-Moleded Carrying Case  
Item # MOB3K.............$2369.95

**Video Kit** (58211)  
Consists of:  
- 300 Watt Betwennie  
- 4-Way Barn Door  
- Diffuser Frame  
- Half Single Scrim  
- Half Double Scrim  
- Single Scrim  
- Double Scrim  
- Scrim Bag  
- Egg Crate  
- Diffuser Frame  
- Single Scrim  
- Double Scrim  
- Scrim Bag  
- 650 Watt Mini Softlite  
- 4-Way Barn Door  
- Diffuser Frame  
- Half Single Scrim  
- Half Double Scrim  
- Single Scrim  
- Double Scrim  
- Scrim Bag  
- Scissors Clip with Safety Chain  
- Scissors Clip Hook Adapter  
- Junction Box  
- Moleded Carrying Case  
Item # MOBM ST3CK...........$1898.95

**Mickey Mole Kit** (58213)  
Consists of:  
- 1000 Watt Mickey Mole  
- 4-Leaf Light Shield  
- Accessory Holder  
- Moledisc Diffuser Frame  
- Half Single Scrim  
- Half Double Scrim  
- Single Scrim  
- Double Scrim  
- Scrim Bag  
- Moleded Carrying Case  
Item # MOMMK.............$1887.50

**Teenie Mole Kit** (58214)  
Consists of:  
- 650 Watt Teenie Mole  
- 4-Leaf Light Shield  
- Accessory Holder  
- Moledisc Diffuser Frame  
- Half Single Molelura Scrim  
- Half Double Molelura Scrim  
- Single Molelura Scrim  
- Double Molelura Scrim  
- Scrim Bag  
- Stand  
1-Moleded Carrying Case  
Item # MOTMK.............$1774.95

**Teenie/Mickey Combo Kit** (58215)  
Consists of:  
- 2-650 Watt Molequartz Tweenie Solarspot  
- 4-Way Barn Doors  
- Diffuser Frame  
- Half Single Moledura Scrim  
- Half Double Moledura Scrim  
- Single Moledura Scrim  
- Double Moledura Scrim  
- Scrim Bag  
- 1000 Watt Molequartz Mickey Mole  
- Accessory Holder  
- 4-Leaf Light Shield  
- Half Single Moledura Scrim  
- Half Double Moledura Scrim  
- Single Moledura Scrim  
- Double Moledura Scrim  
- Scrim Bag  
- Litewate Kit Stand  
1-Moleded Case  
Item # MOTMCK.............$1905.95

**Teenie/Betweenie Softlite Kit** (58216)  
Consists of:  
- 650 Watt Mini Softlite  
- Eggcrate  
- Frame  
- Single Scrim  
- Double Scrim  
- Scrim Bag  
- 650 Watt Tweenie Solarspot  
- 300 Watt Betweenie Solarspot  
- 4-Way Barn Door  
- Diffuser Frame  
- Half Single Moledura Scrim  
- Half Double Moledura Scrim  
- Single Moledura Scrim  
- Double Moledura Scrim  
- Scrim Bag  
- Litewate Kit stand  
1-Moleded Case  
Item # MOTBSLK.............$1946.50

**Tweenie/Betweenie**  

**Tweenie Kit** (58214)  
Consists of:  
- 300 Watt Tweenie Solarspot  
- 4-Way Barn Door  
- Diffuser Frame  
- Half Single Scrim  
- Half Double Scrim  
- Single Scrim  
- Double Scrim  
- Scrim Bag  
- Scissors Clip Hook Adapter  
- Junction Box  
1-Moleded Carrying Case  
Item # MOBM SLT3CK...........$1898.95

**Tweenie/Betweenie Kit** (58216)  
Consists of:  
- 650 Watt Mini Softlite  
- Eggcrate  
- Frame  
- Single Scrim  
- Double Scrim  
- Scrim Bag  
- 650 Watt Tweenie Solarspot  
- 300 Watt Betweenie Solarspot  
- 4-Way Barn Door  
- Diffuser Frame  
- Half Single Scrim  
- Half Double Scrim  
- Single Scrim  
- Double Scrim  
- Scrim Bag  
- Litewate Kit Stand  
1-Moleded Case  
Item # MOTBSLK.............$1946.50
The ideal tungsten light for digital imaging, still photography and video. Dual quartz bulbs for power selection flexibility without sacrifice of constant color temperature. The Allure C1000 is a constant light source that is great for video and still imaging. Variable output at a constant color temperature makes it the right choice for digital applications. The Allure C1000 system is also available in convenient kits.

**FEATURES**

- Maximum 1,000W output power.
- Unique dual quartz bulb design with independent on/off switches to enable power selection while keeping color temperature constant at the same time.
- Has 350W and 650W quartz bulbs to offer output power selections of 350W / 650W / 1000W.
- Use two bulbs with same wattage as a backup safety net.
- Frosted front surface of Glass Dome to provide an appropriate amount of diffusion.
- Compact body and detachable power cord to give great portability and convenience.
- Compatible with most Norman accessories.

**ALLURE CONSTANT LIGHT**

Allure Constant Light Kit with lamp set.
Item # NOAC1000LS..........................................................158.95

**SPECIFICATIONS**

**Power Source:**
AC110-120V, 50/60Hz

**Quartz Lamp:**
350W + 650W.

**Safety Protection:**
- Thermal Switch
- Fuse a) 10A for 110
- Glass Dome Protector.

**Angle of Illumination:**
60°.

**Color Temperature:**
3000°K.

**Rated Power:**
1000W.

**Weight:**
3 lbs. (1.4kg).

**ALLURE 2-LIGHT KIT**

Allure 2-Light Kit
Consists of:
2- Allure C1000 basic lampheads
2- Barndoors
2- Lamp sets
1- 45˝ Eclipse umbrella, white with black cover
1- 32˝ Eclipse umbrella, white with black cover
2- 8´ Air cushioned 4-section light stand
1- Light kit bag
Item # NOAC10002K ....484.95

**ACCESSORIES**

Norman Lamp Set (SQ1000)
Item # NOLS ......................38.95

Metal Barn Door (BDAL)
Item # NOBDAC1000........39.95

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**LIGHTING Q&A**

Are there any different techniques to use for portraits of women and men?

Yes. Men should be shaded a bit more. Avoid shadows (except the cheekbones) on a woman’s face.

Men seem to favor more contrasty lighting, in order to bring out the bone structure. We seldom think of women as having bone structure, rather, we say that they have great cheekbones; with women you shade under them.

Men have more angular faces. Yes, you use makeup on men sometimes, but only tan, earthy colors, and you put it on top of the cheekbones. For women, you use blusher under the cheekbones to bring out men’s cheekbones—usually, they are evident anyway.

Photograph men to bring out the angularity of their faces. You can use more contrast with men—more light on one side, deeper shadows on the other.

For women, try to get a softer, straight-on lighting setup. Emphasize the cheekbones. You always keep a man’s face straight up and down. Any angle weakens the portrait—men’s faces should represent strength. The gaze onto the camera has to be different from a woman’s—don’t ask a male model to lower his chin, or tilt his head, just to look straight and firmly into the camera.

You can photograph a man with a straight-on spotlight—the shadows will flatten the angularity of his face and features. If you used the same spotlight on a woman’s face with a reflector, you’d get an appropriate, softer, rounder look. You can go for more texture in a man’s face. For a woman, you want to keep the portrait soft and light.

Copy excerpted with permission of Amphoto Books © 1995 by John Hart
50 Portrait Lighting Techniques.
LIGHT HEADS/ACCESSORIES

PHOTO FLOOD LIGHT HEAD

Popular with semi-professional and entry-level photographers and videographers because of its rugged construction and affordable price. The smooth, broad light pattern that it provides is well suited for covering large areas. Its unique intensity control allows it to instantly change from full to half intensity with just the flick of a switch. There is a built-in 8˝ (20.3cm) reflector with a satin finish for maximum light. The beam angle is 100°. The yoke allows the light to be attached to 5/8˝ light stands and smaller mounting studs. Lamps are not included.

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<td>ECT</td>
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<td>GBECT</td>
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</table>

QUARTZ LIGHT HEAD

The small size of this quartz light makes it suitable for location or studio work. The beam angle is 60°. The yoke attaches to any 5/8˝ lightstand or smaller mounting device. This unit uses a 600 or 250 watt lamp. A 5˝ (12.7cm) reflector is incorporated into the light housing. Available individually or in a portable kit. Bulbs are included only in the kits.

Non-Focusing Quartz Light Head (05770N) Item # NR05770N .............. 89.95

Focusing Quartz Light Head (05770F) Has a 45° beam angle in the spot position and a 60° beam angle in the flood position.

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
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<td>100</td>
<td>3200°K</td>
<td>GBGCA</td>
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</table>

STUDIO LIGHTING ACCESSORIES

Multi-Mount Bracket (05902) Used with or without an umbrella, this handy bracket allows any on-camera or studio style light to tilt, swivel and then lock in place. Ideal for adapting lights to a stand and for mounting umbrellas.

Item # NR05902Q ........... 28.95

Gel Filter Holder (05715-S) Holds 12˝ (30.5cm) filter gels securely at the correct distance to prevent gel deterioration due to heat. Collapses for easy transport.

Item # NR05715S ........... 39.95
ACCESSORIES/KITS

CONTINUOUS LIGHTING

NRG

TUNGSTEN

PHOTO - VIDEO - PRO AUDIO

Color, diffusion and daylight correction filter packs provide additional versatility for lighting creativity. Each pack contains six 12" (30.5cm) filters packed in a convenient carrying tube. Diffusion Pack (650022) Includes 2 light, 2 medium and 2 heavy diffusion filters. Item # NR5412 .......... 21.50

Daylight Balancing Pack (650020) Includes 2 Blue 50 (3200k to 5600k) and 2 Tough Booster Blue (adds 400k) filters. Item # NR55612 .......... 21.50

Color Effects Pack (650021) Includes one each of red, yellow, blue, green, orange and rose-purple filters. Item # NR55512 .......... 21.50

nr

LIGHTSTANDS

Made of black anodized aluminum, these rugged stands feature quick release locks and a wide stance for maximum stability. 8' (2.4m) Lightstand (05908) Item # NR05908 .......... 48.95

10' (3m) Lightstand (05910) Item # NR05910 .......... 79.95

Made of black anodized aluminum, these rugged stands feature quick release locks and a wide leg stance for maximum stability. 8’ (2.4m) Lightstand (05908) Item # NR05908 .......... 48.95

10’ (3m) Lightstand (05910) Item # NR05910 .......... 79.95

GEL FILTER PACKS

Photoflood Light Case (41000P)
A rugged case with a custom-cut foam interior for NRG Photoflood or Quartz light kits. Item # NR41000P .......... 159.95

Quartz Light Case (41000Q)
This is a rugged case with a custom-cut foam interior for NRG Photoflood or Quartz light kits. Item # NR41000Q .......... 159.95

PHOTOFLOOD LIGHTING KITS

These rugged, affordable lighting kits are great for use on location or in the studio. They are perfect for photographers and videographers who need a dependable basic lighting system. Kits are available for the Photoflood and Quartz lights.

Photoflood 2-Light Kit (51000)
Includes:
2- 8" (7.1cm) satin-reflector light-heads
2- 500W photoflood lamps
2- 9" (2.7m) tip-resistant stands
1- Durable hard case with custom cut foam interior and an instruction manual.
Item # NR51000 .......... 279.95

Photoflood 3-Light Kit (51500)
Includes:
3- 8" (7.1cm) satin-reflector light-heads
3- 500W photoflood lamps
3- 9" (2.7m) tip-resistant stands
1- Durable hard case with custom cut foam interior and an instruction manual.
Item # NR51500 .......... 379.95

1200W 2-Light Kit (51200)
Includes:
2- Non-focusing light-heads
1- Focusing quartz light head
2- 600W lamps
2- 9" (2.7m) tip-resistant stands
1- Durable hard case with foam interior and a comprehensive instruction manual.
Item # NR51200 .......... 329.95

Quartz-Halogen light kits are available in 1200W 2-light or 1800W 3-light configurations. They provide efficient, intense light, and are best utilized at a distance, such as stage or theatre applications.

1800W 3-Light Kit (51800)
Includes:
2- Non-focusing light-heads
1- Focusing quartz light head
3- 600W lamps
3- 9" (2.7m) tip-resistant stands
1- Durable hard case with foam interior and a comprehensive instruction manual.
Item # NR51800 .......... 439.95

1800W 3-Light Quartz Kit (51803)
Includes:
3- Focusing quartz light heads
3- Barndoors
3- 600W lamps
3- 9" (2.7m) tip-resistant stands
1- Durable hard case with foam interior and a comprehensive instruction manual.
Item # NR51803 .......... 499.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
The NSI Professional Series represents some of the first microprocessor-based lighting devices ever produced, and are still widely used today. These controllers were at the forefront of the lighting revolution and helped launch the NSI Micro-Plex standard, which has become accepted in the lighting industry by many manufacturers. The NSI Professional Series products provide solutions for portable or live stage performances, enabling the performer to adjust the lighting with foot control. With high quality construction and toroidal filtering to minimize RF interference, NSI’s Professional Series products are simple to set up and operate. They have become a staple for the live-entertainment industry.

### MEMORY CONTROLLERS

The NCM 508 and NCM 5128 lighting controllers allow custom designed performances through user-friendly programmability and foot driven, hands free operation. These fine, innovative lighting controllers provide a unique variety of features that include manual control, memory scene access and multiple programmed chase effects. Programs may be selected to respond to an outside audio source for synchronization to a specific music program. The NCM 508 and NCM 5128 support NSI Micro-Plex technology that allows control connections to be accomplished with standard 3-conductor microphone cables.

- Foot operated microprocessor controlled console
- Touch sensitive scene cross-fade and fadeout controls
- Multimode chase includes: normal, scene and program chase effects
- Phantom powered by dimmer packs eliminating AC power cord
- Scene freeze for pile-on effects
- LED indicators for scene select, audio and freeze effects
- Blackout control

8 Channel Memory Controller (FGP05080)
Item # NSNCM 508 ........263.50

16 Channel Memory Controller (FGP05128)
Item # NSNCM 5128 ........394.95

### DIMMER PACKS

NSI professional dimmer products introduce performance standards typically reserved for higher-end theatrical systems. These affordable, portable dimmer packages are equipped with toroidal filtering for noise reduction and dual SCR circuit designs for long-lasting, reliable performance. Each NSI professional dimmer pack includes NSI Micro-Plex technology that allows control connections to be accomplished with standard 3-conductor microphone cables. Other NSI dimmers may be daisy chained together for easy system expansion. Each dimmer pack may be addressed to receive a specific set of channels.

- Channel programmable satellite dimmer system
- Channel address select switch
- Dual SCR circuit design
- Control signal status indicator LEDs
- Dual standard AC output receptacles per channel
- NSI micro-plex input and through ports
- Power on LED indicator

#### 8-Channel 600W Per Channel
Dimmer Pack (FGP046000)
Item # NSND 4600 ........263.50

#### 4-Channel 1200W Per Channel
Dimmer Pack (FGP050000)
Item # NSND 5000 ........329.50

#### RACK DIMMER PACK

- 400 micro-second professional filtering with toroidal choke filters
- 120/240 volt multi-phase power operation
- Dual SCR circuit design
- Control signal status indicator LEDs
- Power on indicator LEDs
- Dual standard AC output receptacles per channel
- Individual channel circuit breaker protection
- Auto lamp test function

Rack Dimmer Pack (FGP080000)
8-channel 1200W per channel dimmer pack.
Item # NSNRD 8000 ..........629.50

### DEMULTIPLEXER

- Adapts NSI 128 channel micro-plex to any 0-10V dimmer packs
- 16 independent control channels with LED operation/ intensity indicators
- Automatic lamp test function
- AC power on indicator
- Allows interface of NSI microprocessor memory controllers
- Expands easily

Demultiplexer (FGP000160)
16-channel 1200W per channel dimmer pack.
Item # NSDMX 16 ..........197.50
These products are ushering in the new era of microprocessor controlled, stage lighting technology. The powerful NSI digital product series provides advanced control for all your applications. This means flexible control that handles a variety of innovative applications. And because of their advanced microprocessor-based design, these consoles feature many benefits found in today's personal computers. You can add programmable memory, scene masters and chase effects, and all with the simplicity of a familiar two-scene console. Dance clubs, churches, schools and small touring bands have embraced this product line because of its durability, flexibility and ease of operation. The digital line represents a continuing commitment to defining technological advances for the stage-lighting industry.

**MC 7000 SERIES**

The MC 7000 series lighting consoles are simple and flexible with three operating modes. The consoles provide standard 2-scene preset operation, wide mode, single scene operation for double the channel capacity, and memory scene operation. The MC 7000 series is particularly well-suited to small theaters and stage performances. These products are so easy to program and operate, the instructions are printed right on the consoles.

- Individual control channels
- Complete manual 2-scene and wide mode single scene operation
- Dual split dipless crossfaders
- Individual channel intensity indicators
- Individual channel bump buttons
- User programmable memory scenes
- User programmable chase functions
- Blackout control
- Optional DMX 512 digital control (standard 5-pin interconnect)

**MC 7500 SERIES**

Catering to the advanced lighting designer, the 7500 Series features operational modes such as cue stacking, level sensitive chasing and 512 memory scene capability. The encoder wheel and LCD readout make onboard editing quick and easy.

- Full manual 2-scene preset mode and wide mode single scene operation
- Dual split dipless manual crossfaders
- Auto faders
- MIDI in/out/through
- Program and modify memory in live or blind mode
- Fully protected non-volatile EEPROM memory
- Audio sync to chase effects mode
- Universal internal power supply
- NSI 128 channel micro-plex to NSI dimmers (3-pin interconnect)
- DMX 512 digital control (standard 5-pin interconnect)
- Optional 37 pin 0-10V analog control port
- Optional AMX 192

**MC 1616 / TLC 16**

- 16 individual control channels with master level control
- 16 user programmable patterns or static scenes
- Up to 400 step pattern memory
- Rack mountable (optional on MC 1616)
- Audio sync with sensitivity adjustments
- Tap sync pattern rate control
- Non-volatile memory
- MIDI in/out/through
- NSI 128 channel micro-plex to NSI dimmers (3-pin interconnect)
- DMX 512 digital control (standard 5-pin interconnect)
- Blackout control

**Equipment Leasing Available**
DDS Digital Systems combine portability with high caliber rugged performance for a variety of applications. The DDS series provides NSI Micro-Plex system connect technology along with 0-10VDC analog control capability. The USITT standard for system interface DMX 512 is an available option for control of up to 512 channels. The DDS products may be assigned by channel to act as dimmers or as a relay switch for on/off operation of lights or motorized devices. The DDS products may be assigned by channel to act as dimmers or as a relay switch for on/off operation of lights or motorized devices. The DDS series of digital dimming systems are offered in a variety of configurations of power and capacity to meet every individual need. The DDS digital dimming products are listed by Underwriters Laboratories and also carry the CUL identification for systems used in Canada.

**MC 6300**

- Audio sync to chase effects mode
- Configure mode for custom operation
- MIDI in/out/through
- Port for external power supply
- 128 user-programmable memory scenes
- 8 programmable chase effects with up to 32 steps each
- 128 channel softpatch table
- Optional DMX 512 digital control (standard 5-pin interconnect)

**SATELLITE DIMMER PACKS**

- 4 individual dimmer/relay channels
- Toroidal noise filtering
- Dual SCR circuit design ensures reliable operation
- 512 channel address capable
- User select for dimmer/relay operation
- User select for soft start operation to increase lamp life
- Internal jumpers activate 8 auto sequence control programs
- Sequence rate adjustable from 1 to 60 seconds
- Control status indicator LED
- Power on LED indicator
- Individual channel function LEDs
- External fusing for each individual channel
- External front panel circuit breaker
- UL listed
- NSI 128 channel micro-plex (3-pin interconnect)
- Optional DMX 512 digital control

**DDS Digital Systems**

- DDS 3600R (FGP036000)
  4-Channel 600w Digital Dimmer Pack / 2400 Watts Maximum Power.
  Item # NSDD5600R ....... 206.50

- DDS 5300 (FGP053000)
  4-Channel 300w Digital Dimmer Pack / 1200 Watts Maximum Power.
  Item # NSDD5500 ....... 239.95

- DDS 5600 (FGP056000)
  4-Channel 600w Digital Dimmer Pack / 2400 Watts Maximum Power.
  Item # NSDD5600 ....... 299.95

- DDS 6000 (FGP060000)
  4-Channel 1200w Digital Dimmer Pack / 2400 Watts Maximum Power.
  Item # NSDD6600 ....... 362.50

- DDS 6000P (FGP060001)
  4-Channel 1200w Digital Dimmer Pack / 4800 Watts Maximum Power.
  Item # NSDD6600P ....... 394.95
RACK DIMMERS

Available with standard outlets for 6 or 8 channels, stage pins for 6 or 8 channels, panel patch for 6 or 8 channels knockout panel for 6 or 8 channels or twist lock for 6 channels only.

- Toroidal noise filtering
- Dual SCR circuit design
- 512 channel address capable
- User select for soft start operation to increase lamp life
- Internal jumpers activate 8 auto sequence control programs
- Sequence rate adjustable from 1 to 60 seconds
- Control status indicator LED
- Individual channel lamp test controls
- DC power LED indicator
- Phase power LED indicators
- Over temp. LED indicators
- Internal variable speed cooling fan
- No-load LED indicators
- External circuit breakers for each individual channel
- UL listed
- NSI 128 channel micro-plex (3-pin interconnect)
- Optional DMX 512 digital control

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Channels</th>
<th>Voltage Options</th>
<th>Price</th>
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<td>6-Channel 1200W Digital Dimmer - Standard.</td>
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DDS8600 DDS8800 DDS9600 DDS9800
8-Channel 1200W 8-Channel 1200W 8-Channel 2400W 8-Channel 2400W
DIMMER PACKS

2 and 4 Channel Programmable Dimmer Packs
Cutting edge NSI technology and performance are combined in 2 new Programmable DMX Dimmer Packs. Their sturdy metal chassis makes these rugged packs ideal for both stationary and portable applications. In addition to multi-channel DMX dimming control, these units can also provide a stand alone chaser function with 16 pre-programmed patterns.

Features:
- Resettable circuit breakers (no fuses to change).
- Simple pushbutton DMX addressing makes setup a snap.
- Bright LED display for easy, menu-driven programming.
- Versatile output channel selector lets you choose the exact number of channels you need.
- 16 Pre-programmed chase patterns with chase speed and chase output level controls.
- Built-in mounting bracket.
- Housed in rugged metal protective chassis.

Specifications
Input: 2400W, 120V, 60Hz
Output: 2400W maximum, 120W per channel, 60Hz
Shipping Weight: D4: 9 lbs. (4.1kg) D2: 8 lbs. (3.6kg)
Dimensions: 10.2 x 7.5 x 2.7˝ (260x190x67.6mm)

2-Channel Dimmer Pack (D2DMX)
Item # NSD2DMX ..................87.50

4-Channel Dimmer Pack (D4DMX)
Item # NSD4DMX .................139.95

INTELLIGENT LIGHTING CONTROLS

Cost effective, intelligent lighting control. With onboard joy stick and encoder wheels, these consoles accommodate any DMX 512 capable device in the world. And this versatility means they'll control dimmers, relays, moving lights and fog machines. The unit is so powerful that MIDI1 parameters are assigned by the user to recall any playback parameter on the control console. For a modest budget, you'll get lighting control with the look of high-end systems.

The NSI MLC 16 control console is designed to communicate with all DMX 512 capable intelligent luminaires. The MLC 16 is delivered pre-programmed for several popular intelligent products, and may be easily user-configured for most other products that respond to DMX 512 control protocol. Equipped to address multiple personalities, the MLC 16 provides the ability to control a variety of devices from different manufacturers all at once.

The MLC 16 controls up to 16 individual devices and provides four memory pages, with a total of 96 programmable patterns for up to 800 pattern steps. A maximum of 24 show sequences can be pre-programmed to allow patterns to be linked and looped.

The informative 2x40 character, menu-driven liquid crystal display, along with four individual encoders, enhances the ease of control and operation for any size show. Functions include device personality alignment and setup, control function assignment, alpha labeling of devices and indexing. Control functions include a joystick, four independent encoder wheels, page select, and pattern select buttons. The MLC 16 supports DMX 512 with both output control and input for control from other consoles. MIDI In/Out/Through is provided for direct-sequenced control. An optional 3.5˝ disk drive is available for external program storage and off-line editing.

Features:
- Controls 16 intelligent devices
- 512 control channels
- 96 programmable patterns
- Up to 800 step memory
- Addresses multiple personalities at once
- Pre-addresses for most popular manufacturers' intelligent products
- Audio synchronization
- MIDI show control (In/Out/Through)
- 96 total programmable memory pattern
- 24 scene access buttons
- Device personality assignment
- Control function assignment
- Device setup display
- Alpha labeling of devices
- 3.5˝ disk drive (optional)
- DMX 512 digital control (standard 5-pin interconnect)
- RS-232 input/output port
- 4 pages of pattern memory
- 2x40 character LCD display
- Control joystick
- 4 encoder display/function wheels

MLC 16 (FGP160000)
The MLC 16 control console is designed to communicate with all DMX 512 luminaires and enables you to control as many as 16 individual devices with up to 96 programmable patterns. A library of pre-addressed intelligent devices is included for your convenience.

Item # NSMLC16 ....................1007.50

MLC 16D (FGP160010)
With onboard disk, the MLC 16D takes the intelligent lighting control concept a step further and empowers the user to edit any scene patterns or show with a PC-based text editor. Also, you can update the onboard fixture library by downloading the latest, market-wide fixture attributes using NSI’s website.

Item # NSMLC16D ..................1259.50
The Photoflex Starlite gives you the results you've been looking for in a hot light. Uniquely designed for use with a softbox, the long bulb extends directly into the center of the box, reflecting light evenly off all four sides. This maximizes both efficiency and output. The Starlite is a "flicker-free" light source, which provides a light quality that is soft, beautiful and natural looking, yet powerful enough for the demands of video or digital photography.

Unlike other hot lights, the Starlite can be used on extended photo shoots or lengthy interviews and will not result in sweat-soaked subjects and glittering faces. The Starlite's housing is engineered to allow constant airflow through channels running along the entire length of the unit. This allows you the convenience of touching the unit without wearing gloves while you work. The beauty of a constant light source is that "what you see is what you get". There is no need for test shots. The final image is right before your eyes at all times. The Starlite is compatible with the Photoflex Silverdome, which is vented on all sides to prevent overheating, as well as with the Photoflex Whitedome. The dedicated rotating speed ring is recommended for attachment. It comes with a protective cover for quick and reliable storage. All Starlite bulbs are easily interchangeable and are available in 1000, 500 and 250 watts. Lamps must be purchased separately.

**STARLITE 3200**

**Features**
- Aluminum Swivel Stand Mount slides on and locks in place with the turn of a knob.
- Adapts to 110, 220, 230, 240 volts by simply switching bulb, cord and fuse.
- Recessed Porcelain Lampholder certified for use worldwide.
- High Heat Resistant Connector power inlet with heavy duty in-line switch.
- Quick Change Fuse Drawer for easy access.

**Specifications**
- **Power:** 8 amp 120V.
- **Weight:** 2 lbs. 6 oz. (1.1kg)
- **Dimensions:** 3½” H x 5” L (9x12.7cm)

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
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</table>

Use the new extra large SilverDome nxt and 4 Star Connector. The 4 Star is a multi-light connector which allows you to attach up to four Starlites to your softbox. The 4 Star gives you extra control over your lighting. Use one, two, three, or all four Starlites in a photo shoot without changing the setup! The 4 Star also gives you added control over the level of power you wish to use: the 250-watt, 500-watt and 1000-watt lamps are all conveniently interchangeable and the Starlite's in-line switch allows you to change output easily at any time. The 4 Star works in conjunction with our extra large SilverDome nxt for maximum efficiency, even coverage and output up to 4000 watts. The durable, high-heat resistant design ensures reliability and long life. The 4 Star can also be used with the large SilverDome nxt (up to 3000-watts), the medium SilverDome nxt (up to 2000-watts), and with the WhiteDome nxt softbox.

**Starlite Lamp Cover (FVSLCOVERL)**
- Designed to protect the bulb while it is on the Starlite Head in storage or transport.
- Item # PHCSL ..........................39.95

**Adjustable Connector (VC-ADJUST3L)**
- For heads with barn-door ears from 9” to 16¼”.
- Item # PHVCA916 .............229.95

**Starlite Connector (VCSLMULTI)**
- Item # PHVCSL4 ..............129.95
## Starlite 3200 Kits

### Silverdome Kits
- **Starlite 3200 with X-Small Silverdome Kit** (FVSLKIT4497)
  - Includes:
    1. Starlite 3200
    2. Extra small Silverdome (12” x 16”)
    3. Starlite connector
    4. 250W lamp
    5. E-27 adapter
    6. #2212 lightstand with 22mm casters.
  - Item # PH SLSD XSK ......... 346.00

- **Starlite 3200 with Small Silverdome Kit** (FVSLKIT3497)
  - Includes:
    1. Starlite 3200
    2. Small Silverdome (16” x 22”)
    3. Starlite connector
    4. 500W lamp
    5. #2214 lightstand with 22mm casters.
    6. Dome accessory kit.
  - Item # PH SLSD SK ........... 429.95

- **Starlite 3200 with Medium Silverdome Kit** (FVSLKIT2497)
  - Includes:
    1. Starlite 3200
    2. Medium Silverdome (24” x 32”)
    3. Starlite connector
    4. 500W lamp
    5. #2214 lightstand with 22mm casters.
    6. Dome accessory kit.
  - Item # PH SLSD MK ........... 519.95

- **Starlite 3200 with Large Silverdome Kit** (FVSLKIT1497)
  - Includes:
    1. Starlite 3200
    2. Large Silverdome (36” x 48”)
    3. Starlite connector
    4. 1000W lamp
    5. #K0054 lightstand with 22mm casters.
    6. Dome accessory kit.
  - Item # PH SLSDLK ......... 579.95

### Whitedome Kits
- **Starlite 3200 with Small Whitedome Kit** (FVDSLKIT3)
  - Includes:
    1. Starlite 3200
    2. 500W lamp
    3. Small Whitedome (16” x 22”)
    4. Starlite connector ring
    5. Photoflex #2214 lightstand with casters.
  - Item # PH SLWS DSK ........... 349.95

- **Starlite 3200 with Medium Whitedome Kit** (FVDSLKIT2)
  - Includes:
    1. Starlite 3200
    2. 1000W lamp
    3. Medium Whitedome (24x32”)
    4. Starlite connector ring
    5. Photoflex #2218 lightstand with casters.
  - Item # PH SLWS DMK ........... 429.95

- **Starlite 3200 with Large Whitedome Kit** (FVDSLKIT1)
  - Includes:
    1. Starlite 3200
    2. 1000W lamp
    3. Large Whitedome (36” x 48”)
    4. Starlite connector ring
    5. Photoflex #2218 lightstand with casters.
  - Item # PH SLWS DLK ........... 439.95

### Whitedome/Whitedome Boom Kit
- **Small Kit (ACSMKIT)**
  - Item # PHAKDS ................. 74.95

- **Medium Kit (ACMEDKIT)**
  - Item # PHAKDM ............... 105.95

- **Large Kit (ACLGKIT)**
  - Item # PHAKDL ............. 129.95

### 4-Star Kits
- **2-Starlite 3200 with Large Silverdome Kit** (FV2K2KIT1597)
  - Includes:
    1. Starlite 3200
    2. 4-Star connector
    3. 1000W lamps
    4. Large Silverdome (36” x 48”)
    5. LS0054 lightstand with casters.
  - Item # PH SLSDL2K ........... 929.95

- **4-Starlite 3200 with X-Large Silverdome Kit** (FV4KKIT3597)
  - Includes:
    1. 4-Starlite 3200
    2. 4-Star connector
    3. 1000W lamps
    4. Extra large Silverdome (54” x 72”)
    5. LS003B boom stand with casters.
  - Item # PH SLSD XL4K ......... 1249.95

### Boom Kits
- **Starlite/Whitedome Boom Kit (Medium)**
  - Consists of:
    1. 5’-7’ Boom Arm Adjustable
    2. 12’5” Lightstand (Heavy Duty)
    3. Weight Bags for Lightstand
    4. 1000W Lamp for Starlite
    5. Starlite 3200 w/o Lamp,
  - Item # PH SLWDB MK ......... 499.95

- **Starlite/Whitedome Boom Kit (Small)**
  - Consists of:
    1. 5’-7’ Boom Arm Adjustable
    2. 12’5” Lightstand (Heavy Duty)
    3. Weight Bags for Lightstand
    4. 500W Lamp for Starlite
    5. Starlite 3200 w/o Lamp,
  - Item # PH SLWDB SK ......... 464.95

### Dome Accessory Kit
- **Small Kit (ACSMKIT)**
  - Item # PHAKDS ................. 74.95

- **Medium Kit (ACMEDKIT)**
  - Item # PHAKDM ............... 105.95

- **Large Kit (ACLGKIT)**
  - Item # PHAKDL ............. 129.95

### Continuous Lighting
- **PHOTO - VIDEO - PRO AUDIO**
## PHOTOFLEX KITS/ CASES

### KITS

**Starlite Octodome 5’ Kit (Medium)**
- Kit includes:
  1. Starlite 3200 w/o lamp (FVSL3200)
  2. Octo-Connector (FVSLOCTOCONN)
  3. Octodome 5’ (Medium) (FVM0D5)
  4. 1000W lamp for Starlite (FVSL1000)
  5. Heavy duty 12’5” lightstand (LS2322)
- Item # PH0SLMK ............ 579.50

**Basic Starlite Kit (FVSLKITXS1)**
The Basic Kit includes everything you’ll need to be up and running with professional lighting capabilities, increased potential for a higher level of results, and transportability.
- Kit includes:
  1. Starlite 3200 (FV-SL3200)
  2. X-Small SilverDome (FV-SD0XS)
  3. Starlite Connector (FV-SLCONNECT)
  4. 500 Watt Lamp (FV-SL500)
  5. LiteStand 2205 (LS-2205)
- Item # PHDLK ............ 274.95

**Starlite Soft Kit (FVSSSOFKIT)**
The Starlite Soft Kit includes everything you’ll need to be up and running with professional lighting capabilities and transportability.
- Kit includes:
  1. Starlite Bodies (FV-SL3200)
  2. 1000-Watt Starlite Lamps (FV-SL1000-1)
  3. Starlite Connectors (FV-SLCONNECT)
  4. Medium SilverDomes (FV-SD2M)
  5. LiteStands (LS-2218)
  6. Medium Dome Accessory Kit (AC-MEDKIT)
  7. Medium Grid (AC-GRIDM)
  8. Casters (LS-CA20MM)
- Item # PHSLSK ............ 1069.95

**Starlite Location Kit (FVSLKITLOC)**
The Starlite Location Kit includes everything you’ll need to be up and running with professional lighting capabilities, and transportability.
- Kit includes:
  1. Starlite Body (FV-SL3200)
  2. 1000-Watt Starlite Lamp (FV-SL1000-1)
  3. Starlite Connector (FV-SLCONNECT)
  4. Medium SilverDome (FV-SD2M)
  5. LiteStand 2214 (LS-2214)
  6. Medium Grid (AC-GRIDM)
  7. Single Kit Case (FV-SLBAG1KIT)
- Item # PHSLK ............ 589.95

**Action Dome ENG Kit (FVENGTK)**
One of the newest softboxes, it is designed to meet the needs of professionals who need news-gathering capabilities.
- Kit includes:
  1. ActionDome ENG (FV-ENG-DOME)
  2. Connector ENG (VC-300E)
- Item # PHENGK ............ 119.95

### TRANSPAC CASES

**Starlite Case (FVSLCASE)**
- Padded, velcro dividers allow to carry a variety of equipment safely and comfortably. Light heads, cameras and even a computer can all be safely and easily transported. Fits in the airlines overhead bins as a carry on!
  - Dimensions: 14x20x9” (36x51x23cm)
  - Item # PHSCS ............ 98.95

**Outbound (TP42)**
- If you travel light, with just a few key pieces of equipment - the Outbound is the bag for you. This compact, economical bag allows you to carry basic photo gear.
  - Dimensions: 8 x 6 x 4” (20x15x11cm)
  - Item # PHTPO ............ 69.95

**Single Kit Case (FVSLBAG1KIT)**
- Item # PHSKB ............ 119.95

**Multi-Kit Case (FVMULTIBAG)**
- This case is designed to efficiently transport three lighting kits. The interior boasts seven zip-covered compartments for safety, moveable dividers for custom sectioning, large main compartment for stands and/or tripods, and velcro cinch-down straps to hold stands and/or tripods in place. This case also has inline skating wheels for exceptional ease of portability.
  - Dimensions: 47.5 x 11 x 6” (121x28x15cm)
  - Item # PHMB ............ 189.95

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For any inquiries regarding your order, call our customer service:
(800) 221-5743 • (212) 239-7765 • Fax: (800) 947-2215 • (212) 239-7549
Lighting Q&A

How do I find clients?

Place ads in your local paper. Use friends and relatives to build up a portfolio (even local politicians and business people are happy to pose for a picture in return). Tell them you’re planning to set up a studio in town and want to put pictures in the window—this will attract people to your window. Get out and meet people, join clubs, visit local galleries, and tell them you’re interested in exhibiting your work. Soon you will be taken seriously because you’re serious about your talent.

Is it a good idea to take variety of shots within one setting?

Make sure the clients get the basic shot that you both have discussed. After that, experiment with more over-the-shoulder positions, such as having your subject looking down or up at the camera. I like variety, too, but you don’t want clients to look at the clients to look at the contact and say, “But where’s my commercial shot?” if they bring three or four different tops to the studio, each change will dictate a different mood or feeling. If it’s a sporty look, then maybe blow the hair with a fan discreetly, but don’t go overboard with tricks.

Minispot Spotlight (CL150FS)
Item # PHMS .......................................................... 174.95

Minispot Repair Kit (CL150RPK)
Item # PHRKM5 ............................................................ 47.50

Minispot Diffuser (CL150D)
Item # PHDMS .......................................................... 16.95

Minispot Snoots (pair) (CL150SNK)
Item # PHSMS .......................................................... 39.95

Minispot Barndoors (CL150BD)
Item # PHBDMS .......................................................... 44.95

Case for Two Minispots (AK76C)
Item # PHCMS .......................................................... 184.50

Minispot Kit (CL150FSK)
Kit includes:
- AK76-C carrying case
- CL150FS minispot spotlights
- TALS8 stands
- CL150BD barndoors
- Pair CL150SNK snoots.
Item # PHM5K ...................................................... 573.50

This versatile little spotlight can be focused from a small, intense spot to a broad flood of smooth light, and is especially ideal for highlighting portrait subjects. Housed in lightweight aluminum, the Minispot is designed with exceptionally efficient ventilating and heat dissipating features. A 3” heat-resisting Fresnel lens is mounted in a removable ring which has clips for holding diffusers, snoots or barndoors. The lens ring can be removed quickly for lamp replacement. This unit uses 100W CDJ, 150W BEC, or 200W FEV lamps. Lamps must be purchased separately.

Lamp Specifications

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Color Temp</th>
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<td>FEV</td>
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<td>200</td>
<td>3200°K</td>
<td>GBFEV</td>
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DIGILIGHT CL500

The New Digilight CL500 fan cooled PhotoFlood is ideal for all photo and video applications. The CL500 from Photogenic features a heavy duty ceramic socket, vented housing with a whisper quiet fan for sound recording with low noise requirements. Ideal for use in:

- All Digital Lighting Applications
- Studio Lighting
- Portraiture Lighting
- Tabletop Lighting
- Video Lighting

Lamps sold separately.

DIGILIGHT FL500 SERIES

The new Digilight FL500 Series is ideal for all photo and video applications. All FL500 Series Lights have a standard 5/8” swivel stand adapter. The PhotoFlood sockets accept standard PhotoFlood lamps to 500 watts and reflector flood lamps to 500 watts.

The FL500 Series provides flexibility and rugged durability making them the perfect choice for digital and conventional photography. For added versatility, the series is available with three sizes of reflectors: 5, 10, or 14 inch. These satin anodized reflectors produce a soft, even illumination of light. Their dependability makes them an ideal choice for portraiture and product photography.

Photogenic’s New Digilight FL500 Series is the perfect choice for entry-level lighting for a home studio, portraiture, or tabletop video work. This system provides three reflectors, allowing you to utilize a wide range of versatile accessories. The series also accepts diffusers, barndoors, grids and snoots and a broad assortment of accessories to meet your lighting needs.

Lamps sold separately.

PhotoFlood Socket Mounted to 5” Reflector (FL5)

The FL-5 houses a 5” deep, satin anodized reflector, ideal for background and special effects lighting.

Item # PH FL5 ........................................ 48.95

PhotoFlood Socket Mounted to 10” Reflector (FL10)

The FL-10 houses a 10” medium angle, satin anodized reflector. It is ideal for main, key or fill light.

Item # PH FL10 ................................. 52.95

PhotoFlood Socket Mounted to 14” Reflector (FL14)

The FL-14 houses a 14” reflector ideal for a main, fill or group lighting.

Item # PH FL14 .................................. 61.95

DIGILIGHT KL500 KITS

DigiLight Starter Kit (FLKIT1)

The perfect DigiLight starter kit for the home studio or photographic students. Great main and fill lighting applications. Kit includes:

- 2- FL14, 14” Reflector Lights
- 2- TALS6, 6’ Air-Cushioned Light Stands.

Item # PH FLK1 .................. 209.50

DigiLight Location Kit (FLKIT2)

Provides for quick setup and basic lighting for portrait and product shots.

Kit includes:

- 2- FL10, 10” Reflector Lights
- 2- TALS6, 6’ Air-Cushioned Light Stands

Item # PH FLK2 .................. 203.95

DigiLight Location Kit (FLKIT3)

Provides for quick setup and basic lighting for portrait and product shots.

Kit includes:

- 2- FL14, 14” Reflector Lights
- 1- FL10, 10” Reflector Light
- 3- TALS6, 6’ Air-Cushioned Light Stands

Item # PH FLK3 .................. 322.95

DigiLight 3 Light Studio Portrait Kit (FLKIT4)

The ultimate DigiLight three light studio package for your portrait and product shots.

Kit includes:

- 1- FL14, 14” Reflector Light
- 1- FL10, 10” Reflector Light
- 1- FL5, 5” Reflector Light
- 3- TALS6, 6’ Air-Cushioned Light Stands

Item # PH FLK4 .................. 305.95

DIGILIGHT CL1200F/CL1200

If your shots require more than the ordinary hot light, you need to add Photogenic’s DigiLight Focusing Continuous Light to your equipment list. The Continuous Lighting’s focusing adjustment allows versatility without the necessity of moving your stands. The Focusing Continuous Lighting tops the competition with a Quick Change feature that allows you to easily attach over 70 Photogenic PowerLight accessories. Use it on location or in the studio, because it’s rugged enough to perform beautifully, even on the toughest shoots.

DIGILIGHT CL1200F/CL1200

DigiLight Focusing Lighting Kit (CL1200F)

With 14” reflector and scrim.

Item # PH CL1200F ............ 369.50

DigiLight Non-Focusing Lighting Unit (CL1200)

With 14” reflector and scrim.

Item # PH CL1200 .............. 319.50
<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Item Code</th>
<th>Price</th>
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<tbody>
<tr>
<td>3” Background Reflector</td>
<td>3”</td>
<td>PHRSSPL</td>
<td>39.95</td>
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<tr>
<td>Shallow Satin anodized</td>
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<td>42.95</td>
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**Additional Accessories:**

- **Deflector** (PL24DF): For 24” reflector. Item # PHDR24PL: 29.95
- **Diffuser 14”** (PL14D): Item # PHD14PL: 48.50
- **Diffuser 16”** (PL16D): Item # PHD16PL: 52.95
- **Mounting Frame** (PL7MF): For 7” reflector. Item # PHMFPFL: 76.95
- **4-Piece Snoot Kit 7”** (PL7SNK): 3” and 5” snoots, mounting frame and diffuser. Item # PHDSAPL: 123.95
- **4-Leaf Barndoor 7”** (PL7BD): Item # PHBD7PLQ: 94.95
- **4-Leaf Barndoor Kit 7”** (PL7BDK): Includes barndoors, mounting frame and diffuser. Item # PHBD7PL: 163.95
- **2-Leaf Barndoor 14”** (PL14BD): Item # PHBD14R: 89.50
- **4-Leaf Barndoor Kit 14”** (PL14BDK): Includes barndoors, mounting frame and diffuser. Item # PHBD14DBK: 156.95
- **2-Leaf Barndoor 16”** (PL16BD): Item # PHBD16R: 89.50
- **4-Leaf Barndoor Kit 16”** (PL16BDK): Includes barndoors, mounting frame and diffuser. Item # PHBD16R: 159.95
- **2-Leaf Barndoor 20”** (PL20BD): Item # PHBD20R: 117.95
- **2-Leaf Barndoor 24”** (PL24BD): Item # PHBD24BD: 127.50
- **4-Leaf Barndoor Kit 24”** (PL24BDK): Includes fine and coarse grids, mounting frame and diffuser. Item # PHBD24BKQ: 159.95
- **Fine Grid 7”** (PL7GF): Item # PHGFLP: 51.95
- **Coarse Grid 7”** (PL7GC): Item # PHGCPL: 46.95
- **Deep Grid 7”** (PL7GD): Item # PHGDPL: 69.95
Photogenic's famous Eclipse patented umbrellas are notable for their ability to eliminate the “ghost” image created by the exposed ribs of ordinary umbrellas. Eclipse models feature white or silver reflective fabric which covers the ribs, removing them from the primary light path. Additionally, each Eclipse comes with a removable black fabric cover which fastens atop the rib frame to confine any light that penetrates the white or silver lining.

Installation:
Installing the umbrella is easy. Insert the shaft through an available hole on any of our stand adapters and tighten with a thumb screw. Adjust the light pattern by loosening the thumb screw and moving the shaft in or out, positioning the reflector closer or farther away from the light head.

**ECLIPSE UMBRELLAS**

<table>
<thead>
<tr>
<th>Size (inches)</th>
<th>Product Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32&quot; Eclipse Silver with Black Cover</td>
<td>(EC32S)</td>
<td>PHUE32S</td>
<td>18.95</td>
</tr>
<tr>
<td>32&quot; Eclipse White with Black Cover</td>
<td>(EC32BWC)</td>
<td>PHUE32W</td>
<td>18.95</td>
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<tr>
<td>45&quot; Eclipse Silver with Black Cover</td>
<td>(EC45S)</td>
<td>PHUE45S</td>
<td>18.95</td>
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<tr>
<td>45&quot; Eclipse White with Black Cover</td>
<td>(EC45BWC)</td>
<td>PHUE45W</td>
<td>18.95</td>
</tr>
<tr>
<td>60&quot; Eclipse Silver with Black Cover</td>
<td>(EC60S)</td>
<td>PHUE60S</td>
<td>32.95</td>
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<tr>
<td>60&quot; Eclipse White with Black Cover</td>
<td>(EC60BWC)</td>
<td>PHUE60W</td>
<td>32.95</td>
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**ECLIPSE PLUS UMBRELLAS**

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<th>Size (inches)</th>
<th>Product Description</th>
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<th>Price</th>
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<tbody>
<tr>
<td>32&quot; Eclipse Plus Umbrella</td>
<td>(ECP32)</td>
<td>PHUEP32S</td>
<td>32.95</td>
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<tr>
<td>45&quot; Eclipse Plus Umbrella</td>
<td>(ECP45)</td>
<td>PHUEP45S</td>
<td>38.50</td>
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<tr>
<td>60&quot; Eclipse Plus Umbrella</td>
<td>(ECP60)</td>
<td>PHUEP60S</td>
<td>46.50</td>
</tr>
</tbody>
</table>

**SOFTBOXES**

Photogenic softboxes are designed to enable photographers to illuminate a subject evenly over a specified area. Different geometry softboxes are available to meet specific needs of photographers. Photogenic offers two square and two rectangular softboxes to choose from. In the rectangular variety there is the PL12X36FR. It is a 12 inch wide by 36 inch high softbox which can be rotated to fill many narrow beam lighting needs. There is also the 30 inch by 40 inch PL30X40FR. The two square styles are the PL22FR which is 22 inches and the PL36FR which is 36 inches square.

<table>
<thead>
<tr>
<th>Size (inches)</th>
<th>Product Description</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>12x36&quot; Soft Box with Quick Change Adapter</td>
<td>(PL12X36FR)</td>
<td>PHSB1236PL</td>
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<td>(PL22FR)</td>
<td>PHSB2222PL</td>
<td>199.95</td>
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<tr>
<td>30x40&quot; Soft Box with Quick Change Adapter</td>
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<tr>
<td>36x36&quot; Soft Box with Quick Change Adapter</td>
<td>(PL36FR)</td>
<td>PHSB3636PL</td>
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</table>
LIGHTSTANDS

The new photographic light stands from Photogenic marks a rare marriage of design quality and practicality, achieving superior stability and longer service life even under constant, rigorous use. Each stand is engineered for maintenance-free performance and is priced to keep the serious photographer’s mind on his craft rather than on his pocketbook.

LIGHTWEIGHT ALUMINUM AIR-CUSHIONED STANDS

8´ (2.4m) Folding Stand (TALS8)  Item # PHLSHD8 ......................................................... 64.95
10´ (3.0m) Folding Stand (TALS10)  Item # PHLSHD10 ......................................................... 81.95

HEAVY DUTY ALUMINUM AIR-CUSHIONED STANDS

13´ (4.0m) Air-Cushioned Black Folding Stand (TAHS13)  Item # PHLS13AC  ......................... 89.95

STANDARD & AIR-CUSHIONED CASTER-BASE STANDS

2½´ (0.8m) Aluminum Upright with FB12 Base (TLU3K) with folding steel base.  Item # PHAE41FUSK ................................................................. 46.95

28´ (71cm) Aluminum Upright for FB12 Base (TLU3)  Item # PHAE41FUS .............. 34.95

Folding Base for TLU3 Aluminum Upright (FB12)  Item # PHFAE41FS ................. 28.95

3½´ (1.1m) Backlight Stand (TA34S1) with 3/8˝ top  Item # PHTA34S38 ......................... 144.95

3½´ (1.1m) Backlight Stand (TA34S2) Same as above with 5/8˝ top  Item # PHTA34S58 ............. 144.95

3½´ (1.1m) Backlight Stand (TA34S3) Same as above with 1/2˝ top  Item # PHTA34S.5 ......... 144.95

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
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<tbody>
<tr>
<td>8´ Folding Stand TALS8</td>
<td>36˝ (91cm)</td>
<td>2.6 lbs. (1.2kg)</td>
<td>—</td>
<td>8´ (2.4m)</td>
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<tr>
<td>10´ Folding Stand TALS10</td>
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<td>2.12 lbs. (1.6kg)</td>
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<td>10´ (3.0m)</td>
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<tr>
<td>13´ Air Cushioned Black Stand TAHS13</td>
<td>43˝ (109cm)</td>
<td>4.8 lbs. (2.2kg)</td>
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<td>13´ (4.0m)</td>
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<td>2.5´ Folding Stand TLU3K</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3.5´ Backlight Stand TA34-S1 (3/8´)</td>
<td>19˝ (48cm)</td>
<td>10 lbs. (4.5kg)</td>
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<td>3´6˝ (1.1m)</td>
</tr>
<tr>
<td>3.5´ Backlight Stand TA34-S2 (5/8´)</td>
<td>19˝ (48cm)</td>
<td>10 lbs. (4.5kg)</td>
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<td>3´6˝ (1.1m)</td>
</tr>
<tr>
<td>3.5´ Backlight Stand TA34-S3 (1/2´)</td>
<td>19˝ (48cm)</td>
<td>10 lbs. (4.5kg)</td>
<td>—</td>
<td>3´6˝ (1.1m)</td>
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PRO TUNGSTEN
PRO TUNGSTEN/REFLECTORS

PRO TUNGSTEN

The Profoto Pro Tungsten is a continuous source of light, constructed the same way as the Profoto flash heads. This fan-cooled unit comes with an uncoated frosted glass cover. Changing its glass cover can alter the color temperature. Options include frosted UV (101518), clear (101523) and clear UV (101521). For brighter more intense light, the glass cover can be completely removed. Because of its construction, most Profoto accessories are compatible with this unit. However, because of the heat it generates, not all accessories can be mounted on it. It takes halogen lamps of 500, 750 and 1000 watts. These units are well suited for traditional photography as well as digital and most video production. Profoto accessories have a forward and back zooming mechanism, and when used on the Pro Tungsten it provides flexibility and versatility not found in any other tungsten lights. The internal cooling fan reduces heat build up and extends lamp life. The unit comes complete with a 23 foot (7m) power cable with an in-line on/off switch, a protective cap (protects the glass cover) and a 50° standard zoom reflector (100610). This light mounts on all lightstands that have a 5/8˝ male stud.

Pro Tungsten (701050)
Item # PRPTS.......................................................... .519.00

LAMP SPECIFICATIONS

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<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
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<th>Price</th>
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<tr>
<td>EHC</td>
<td>120</td>
<td>500</td>
<td>300</td>
<td>3200°K</td>
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<tr>
<td>EHF</td>
<td>120</td>
<td>750</td>
<td>300</td>
<td>3200°K</td>
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<td>29.95</td>
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<tr>
<td>FEL</td>
<td>120</td>
<td>1000</td>
<td>300</td>
<td>3200°K</td>
<td>GB-FEL</td>
<td>20.95</td>
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PHOTO METRICS

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<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>13’ (4m)</td>
<td>1/125 sec.</td>
<td>30</td>
<td>325</td>
<td>4</td>
</tr>
<tr>
<td>13’ (4m)</td>
<td>1/60 sec.</td>
<td>65</td>
<td>700</td>
<td>5.62</td>
</tr>
<tr>
<td>13’ (4m)</td>
<td>1 sec.</td>
<td>4812</td>
<td>4500</td>
<td>45.2</td>
</tr>
</tbody>
</table>

*With ISO 100 film @ 1/8 sec.

8' REFLECTOR

For three decades top photographers have appreciated the quality of light produced by Profoto’s flash heads. The unique focusable zoom reflector system makes it possible for the creative photographer to “paint” with light. Profoto has introduced the latest addition to the ever expanding line of light shaping tools: the Profoto 8’ Reflectors. The giant silver-lined parabolic reflector gives a very unique hard light, but since the light source is so large the light appears soft with a distinct brilliance which brings out structural details in materials. With a diameter of 9.1’ (2.8m), the Profoto 8’ Reflector has an illuminated area 50% larger than the 7’ Reflector and 200% larger than the 5’ reflector. The reflector can be used with all Profoto Heads, including HMI and Tungsten, and is collapsible for easy transportation. The Profoto 8’ Reflector is supplied complete with mounting hardware and carrying case.

Profoto 8’ Reflector (505409)
Item # PRRU8..........................1758.95
Diffuser for 8’ Reflector (505416)
Item # PRD8..........................129.95

5’ AND 7’ REFLECTORS

5’ and 7’ Reflectors
Profoto’s 5’ and 7’ reflectors are two large umbrella-like reflectors. They reproduce a unique hard light, but since the light source is large the light appears soft with a unique brilliance. Having two focusing positions, the spot position gives a directed parallel light from a large light source. This position gives a hard light with a unique wrapping quality that also could be perceived as a soft light with a distinct crisp appearance. In the wide position, the reflector gives a 100° angle that makes it possible to light a very large area evenly. The 5’ and 7’ reflectors are very easy to set-up and dismantle quickly. Multiple diffusers can be used for additional control. Supplied with deluxe travel bag.

5’ Reflector (505410)
Item # PRRU5..........................946.95
7’ Reflector (505411)
Item # PRRU7..........................1127.95

5’ Reflector Diffuser (505412)
Optional diffuser for Profoto 5’ reflector increases evenness of illumination and reduces output by 1 F-stop.
Item # PRD5..........................79.95

7’ Reflector Diffuser (505413)
Same as above with a 7’ diam.
Item # PRD7..........................97.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
Zoom Reflector (505503)
The versatile Zoom Reflector is supplied with the Pro-7 head, the Acute2 head and is available separately. By pushing the reflector forward or backward the spread and effect of the light can be greatly altered. Along with its zoom feature, it accepts a variety of accessories including Grid & Filterholder, Barndoors, Snoot, and 5, 10, 20° Grids for a wide range of light shaping possibilities. Has 65-110° area of coverage.
Item # PRRZ ................... 99.50

Magnum Reflector (505504)
Used for maximum output with a normal beam spread. The Magnum reflector provides strong, smooth light. Although this is not a true focusing reflector, zooming it across the focal point does create interesting lighting effects. To achieve precise control over direction of the light, the Magnum can be supplemented by the ProTube and a Honeycomb Grid. Has a 50° area of coverage.
Item # PRRM .................... 194.50

Grid Reflector 7” (505502)
Allows use of other brand 7” grids and accessories on Profoto heads.
Item # PRRG ....................... 99.50

Disc Reflector (505501)
The Disc Reflector is designed for use with an umbrella. It keeps the light from spilling off the edges of the umbrella. Its compact design allows the lamphead to be easily packed for carrying. It can be supplemented by a barndoor and a snoot. The Disc gives a low lighting effect as direct light without umbrellas.
Item # PRRD ....................... 62.50

Narrow Beam Reflector (505505)
The Narrow Beam Reflector (light-spread 32°), gives the greatest output of all the Profoto reflectors. To achieve precise control over direction of the light, the reflector can be extended by the ProTube and equipped with a Honeycomb Grid.
Item # PRRNB ................... 204.95

4-Way Barndoor with Grid Holder (505521)
The four-sided Barndoor mounts directly onto the Zoom Reflector. It features springs for mounting filters and/or honeycomb grids. It blocks undesired light from the subject or the camera lens. Mounted on the reflector, it has a minimal effect on the lighting design.
Item # PRBDZR ................... 159.95

Silver Umbrella (505605)
The Silver Umbrella provides focused lighting, along with soft shadow definition. It is especially suitable for bringing out structural details in materials. The Silver Umbrella is offered in the 42” (1.05m) size only.
Item # PRU41S ...................... 163.95

Transparent Umbrellas
The Transparent Umbrella provides diffused lighting around a bright core. The lighting can be varied by changing its distance to the lamp head. Transparent Umbrellas are available in 34” (0.85m) and 42” (1.05m) diam.

Small Transparent Umbrella (505603)
Item # PRU33T ...................... 74.50
Large Transparent Umbrella (505604)
Item # PRU41T ...................... 86.50

White Umbrellas
Profoto umbrellas are constructed of high quality material, and give exceptional quality of light. The White Umbrella gives an even diffused lighting effect with soft shadow definition. The closer to the subject the umbrella is placed, the softer the shadow will be. White umbrellas are available in 34” (0.85m) and 42” (1.05m) diam.

Small White Umbrella (505601)
Item # PRU33W ...................... 86.50
Large White Umbrella (505602)
Item # PRU41W ...................... 94.95
**REPORTER 75H**

The R75H offers many features. For easy storage and transport, it has a low profile detachable base that can be left mounted on the camera, and a cable that can remain plugged into the camera or battery bracket. The R75H is double-hinged for maximum positioning flexibility, and double hinge friction can be adjusted using just one common screw in a tool-free operation. The lamp head can be positioned horizontally in low or high position, tilted down for extreme close-up lighting or tilted up to bounce light across the ceiling. Bulb changes don’t even require the turn of a screw. Simply turn the quick release focusing knob at the rear to ‘Spot’, give it a click, and pull the knob out of the housing. This knob is also used to focus the R75H, which is dimmable with an optional dimmer base. All electronics are placed in the base. And to top it off, a fully functional, rotatable four leaf barndoor (optionally available) simply snaps onto the fixture’s front ring.

**REPORTER 300H**

The R300H, which is barely larger than the R100H, is ideal for on-camera, hand-held or on-stand use. Need to change a bulb? You can rely on outstanding light distribution, even if you insert 200 W or 150 W bulbs into your R300H. Weight: 1.4 lbs. (0.65kg)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAR300H KZ</td>
<td>Reporter 300H Lampheads with protective glass + filter holders, w/5/8˝ stud mount</td>
<td>294.95</td>
</tr>
</tbody>
</table>

**REPORTER 650H**

The focussing range and degree of illumination of the Reporter 650H – in both spot and flood settings – is unsurpassed in its class. The luminaire’s 4-leaf barndoor mounts have built-in filter slots, while its plastic casing complies with protective class II. Weight 2.9 lbs. (1.3kg)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAR650HK</td>
<td>Reporter 650H Open Face Lamphead with protective glass + filter holder and 5/8˝ stud mount</td>
<td>464.95</td>
</tr>
</tbody>
</table>

**REPORTER KITS**

**REPORTER 300H Compact DUO Tungsten Lighting Kit (SC311DUO)**

Kit includes:
- 2- Reporter 300H Lampheads with protective glass + filter holders, w/5/8˝ stud mount
- 2- 300W Lamps

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAR300H 2K</td>
<td>Reporter 300H Lampheads with protective glass + filter holders, w/5/8˝ stud mount</td>
<td>994.50</td>
</tr>
</tbody>
</table>

**REPORTER 300/650H Combo Tungsten Lighting Kit (S311/651HSM)**

Kit includes:
- 2- Reporter 300H Lampheads with protective glass + filter holders and 5/8˝ stud mount
- 2- 300W Lamps
- 4-Leaf Barndoors
- Stands L1
- Daylight Filters 1/5600
- Petrol PLC-2 Light Case.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAR300650H 3K</td>
<td>Reporter 300/650H Lampheads with protective glass + filter holders and 5/8˝ stud mount, 2- 300W Lamps, 4-Leaf Barndoors, Stands L1, Daylight Filters 1/5600, Petrol PLC-2 Light Case</td>
<td>1594.95</td>
</tr>
</tbody>
</table>
Designed to be used with a photoflood lamp of up to 500 watts, the Adapta-Lights quickly mount to any 3/8˝ lightstand or stud. These units incorporate a medium screw-base phenolic lamp socket, along with a 10´ power cord and a stay cool adjustment handle. An on/off switch is mounted in the lamp socket. The reflectors, made of heavy-grade aluminum, are hand-spun and chemically etched to maximize the light output. The exterior has a black professional finish. Just choose the reflector size you need and you’re all set. Two clamp mount models are available for those who do not need a lightstand mount.

### Features
- **Reflectors**
  - Now with a black finish for a more professional look.
  - Hand-spun and chemically etched for the best light output.
  - Heavy-grade aluminum to hold up to the rigors of location use.
- **Collar and Mount**
  - A new, comfortable, easy-to-tighten angle adjustment knob.
  - 3/8˝ female stand mount.
- **Socket and Cordsets**
  - 660 watt phenolic sockets for medium screw base lamps.
  - 10˝ 2-wire cords.
  - Heat-free handles.

### PHOTOMETRICS

#### 5˝ LIGHT WITH ECA LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' (1.2m)</td>
<td>150</td>
<td>1614</td>
<td>5.6</td>
</tr>
<tr>
<td>6' (1.8m)</td>
<td>75</td>
<td>807</td>
<td>4</td>
</tr>
<tr>
<td>10' (3.0m)</td>
<td>30</td>
<td>377</td>
<td>2.8</td>
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</tbody>
</table>

#### 8˝ LIGHT WITH ECT LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' (1.2m)</td>
<td>215</td>
<td>2313</td>
<td>8</td>
</tr>
<tr>
<td>6' (1.8m)</td>
<td>100</td>
<td>1076</td>
<td>5.6</td>
</tr>
<tr>
<td>10' (3.0m)</td>
<td>42</td>
<td>452</td>
<td>2</td>
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#### 12˝ LIGHT WITH ECT LAMP

<table>
<thead>
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<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' (1.2m)</td>
<td>910</td>
<td>9792</td>
<td>16</td>
</tr>
<tr>
<td>6' (1.8m)</td>
<td>375</td>
<td>4035</td>
<td>11</td>
</tr>
<tr>
<td>10' (3.0m)</td>
<td>140</td>
<td>1506</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
With the perfect combination of bright, smooth light, cool operation and an easy-to-use design, these popular lights are perfect for any photography studio. Featuring a durable porcelain socket, a unit mounted on/off switch, a ten foot grounded power cord and a stand adapter that attaches to lightstands and studs from 3/8 to 5/8 of an inch. These reflectors are hand spun and acid etched for optimum light output. They are constructed from heavy-grade aluminum, with vents on the housing to facilitate cooling and prolong lamp life. All reflector characteristics are the same as the previously mentioned Adapta lights.

### LAMP SPECIFICATIONS FOR ADAPTA AND ULTRA-COOL LIGHTS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>ECA</td>
<td>120</td>
<td>250</td>
<td>20</td>
<td>3200°K</td>
<td>GBECA</td>
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<tr>
<td>BBA</td>
<td>120</td>
<td>250</td>
<td>3</td>
<td>3400°K</td>
<td>GBBBA</td>
<td>3.50</td>
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<tr>
<td>BCA</td>
<td>120</td>
<td>250</td>
<td>3</td>
<td>4800°K</td>
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<td>ECT</td>
<td>120</td>
<td>500</td>
<td>60</td>
<td>3200°K</td>
<td>GBECT</td>
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<td>500</td>
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<td>3400°K</td>
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<td>500</td>
<td>6</td>
<td>4800°K</td>
<td>GBEBW</td>
<td>4.89</td>
</tr>
<tr>
<td>EAL</td>
<td>120</td>
<td>500</td>
<td>15</td>
<td>3200°K</td>
<td>GBEAL</td>
<td>19.95</td>
</tr>
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</table>

### PHOTO METRICS

#### 5’ LIGHT WITH ECA LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ (1.2m)</td>
<td>150</td>
<td>1614</td>
<td>5.6</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>75</td>
<td>807</td>
<td>4</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>30</td>
<td>377</td>
<td>2.8</td>
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</table>

#### 8’ LIGHT WITH ECA LAMP

<table>
<thead>
<tr>
<th>Distance</th>
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<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ (1.2m)</td>
<td>215</td>
<td>2313</td>
<td>8</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>100</td>
<td>1076</td>
<td>5.6</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>42</td>
<td>452</td>
<td>2</td>
</tr>
</tbody>
</table>

#### 10’ LIGHT WITH ECA LAMP

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ (1.2m)</td>
<td>240</td>
<td>2582</td>
<td>8</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>125</td>
<td>1345</td>
<td>5.6</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>45</td>
<td>484</td>
<td>2.8</td>
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</table>

#### 12’ LIGHT WITH ECT LAMP

<table>
<thead>
<tr>
<th>Distance</th>
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<th>F-Stop*</th>
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</thead>
<tbody>
<tr>
<td>4’ (1.2m)</td>
<td>910</td>
<td>9792</td>
<td>16</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>375</td>
<td>4035</td>
<td>11</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>140</td>
<td>1506</td>
<td>5.6</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
### PL LIGHTS

**PL8 8˝ (20.3cm) Professional Studio Light (401042B)**
- Item # SMPL8 ................. 64.95

**PL10 10˝ (25.4cm) Professional Studio Light (401043B)**
- Item # SMPL10 ............... 69.50

**PL12 12˝ (30.5cm) Professional Studio Light (401044B)**
- Item # SMPL12 ............... 78.95

#### LAMP SPECIFICATIONS

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<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>ECA</td>
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<tr>
<td>BBA</td>
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<td>BCA</td>
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<td>4800°K</td>
<td>GBCA</td>
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<tr>
<td>ECT</td>
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<td>500</td>
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<td>EBW</td>
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<td>4800°K</td>
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</tr>
<tr>
<td>EAL</td>
<td>120</td>
<td>500</td>
<td>15</td>
<td>3200°K</td>
<td>GBEAL</td>
<td>19.95</td>
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#### PHOTO METRICS

**8˝ LIGHT WITH ECA LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4˝ (1.2m)</td>
<td>145</td>
<td>1560</td>
<td>5.6</td>
</tr>
<tr>
<td>6˝ (1.8m)</td>
<td>75</td>
<td>807</td>
<td>4</td>
</tr>
<tr>
<td>10˝ (3.0m)</td>
<td>32</td>
<td>344</td>
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**8˝ LIGHT WITH ECT LAMP**

<table>
<thead>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4˝ (1.2m)</td>
<td>215</td>
<td>2313</td>
<td>8</td>
</tr>
<tr>
<td>6˝ (1.8m)</td>
<td>100</td>
<td>1076</td>
<td>5.6</td>
</tr>
<tr>
<td>10˝ (3.0m)</td>
<td>42</td>
<td>452</td>
<td>2</td>
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**10˝ LIGHT WITH ECA LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4˝ (1.2m)</td>
<td>240</td>
<td>2582</td>
<td>8</td>
</tr>
<tr>
<td>6˝ (1.8m)</td>
<td>125</td>
<td>1345</td>
<td>5.6</td>
</tr>
<tr>
<td>10˝ (3.0m)</td>
<td>45</td>
<td>484</td>
<td>2.8</td>
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**10˝ LIGHT WITH ECT LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
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<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4˝ (1.2m)</td>
<td>910</td>
<td>9792</td>
<td>16</td>
</tr>
<tr>
<td>6˝ (1.8m)</td>
<td>375</td>
<td>4035</td>
<td>11</td>
</tr>
<tr>
<td>10˝ (3.0m)</td>
<td>140</td>
<td>1506</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
SMITH - VICTOR

700-SG COMPACT QUARTZ

This incredibly lightweight, yet powerful light source comes complete with a 600 watt DYH quartz lamp. It’s easy to set up and transport. The etched reflector provides smooth, clear lighting over a 40° beam spread. A safety glass shield is included. This unit is for limited duration applications because of the plastic housing.

700-SG COMPACT QUARTZ
700-SG 600W Quartz Light with DYH Lamp (401110)
Item # SM700SG .......................................................... 71.95

765-UM DURABLE ECONOMY QUARTZ

The 765-UM light features an improved stand mount and integral umbrella port. From portraiture and video interviewing to product stills, this is a perfect light for a wide variety of situations. It is a reliable aluminum quartz light suitable for extended duration use. The pebble-finish spun aluminum reflector provides top-quality light output and a 30° beam spread. Comes complete with a glass safety shield and a 600 watt DYH lamp.

765-UM DURABLE ECONOMY QUARTZ
765-UM 600W Quartz Light with DYH Lamp (401114)
Item # SM765SG .......................................................... 99.95

LAMP SPECIFICATIONS FOR 700-SG AND 765-UM

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYH</td>
<td>120</td>
<td>250</td>
<td>150</td>
<td>3050°K</td>
<td>GBEYH</td>
<td>19.95</td>
</tr>
<tr>
<td>DYH</td>
<td>120</td>
<td>600</td>
<td>75</td>
<td>3200°K</td>
<td>GBDYH</td>
<td>15.39</td>
</tr>
<tr>
<td>FBD/FBG</td>
<td>120</td>
<td>500</td>
<td>50</td>
<td>3200°K</td>
<td>GBFBG</td>
<td>21.95</td>
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</table>

PHOTOMETRICS FOR 700-SG

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>7’ (2.1m)</td>
<td>120</td>
<td>1291</td>
<td>4</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>13’ (4.0m)</td>
<td>60</td>
<td>646</td>
<td>2.8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>16’ (4.9m)</td>
<td>35</td>
<td>377</td>
<td>2</td>
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PHOTOMETRICS FOR 765-UM

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>5’ (1.5m)</td>
<td>175</td>
<td>1883</td>
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<td>15’ (4.6m)</td>
<td>7’ (2.1m)</td>
<td>85</td>
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<tr>
<td>20’ (6.1m)</td>
<td>11’ (3.4m)</td>
<td>50</td>
<td>538</td>
<td>2.8</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. With ISO 100 film @ 1/8 sec.
SMITH-VICTOR

720-SG FOCUSING SPOT

A high power light built to stand up to your most demanding applications. A spun aluminum housing and a soft grain aluminum reflector make up the major components of this light. The beam angle is easily focused from 34° to 40° with the use of the conveniently mounted rear focusing lever. Power is supplied through the 10´ (3m) power cord with its in-line switch. Safety glass included. Lamps sold separately.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMD</td>
<td>120</td>
<td>650</td>
<td>100</td>
<td>320°K</td>
<td>GBEMD</td>
<td>17.95</td>
</tr>
<tr>
<td>FCM</td>
<td>120</td>
<td>650</td>
<td>100</td>
<td>320°K</td>
<td>GBFCM</td>
<td>12.89</td>
</tr>
<tr>
<td>FHM</td>
<td>120</td>
<td>1000</td>
<td>400</td>
<td>320°K</td>
<td>GBFHM</td>
<td>12.95</td>
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**PHOTO METRICS FOR 720-SG**

<table>
<thead>
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<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
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<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>7´ (2.1m)</td>
<td>160</td>
<td>1722</td>
<td>5.6</td>
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<tr>
<td>15´ (4.6m)</td>
<td>12´ (3.7m)</td>
<td>75</td>
<td>807</td>
<td>4</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>16´ (4.9m)</td>
<td>45</td>
<td>484</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

750-SG 1000W BROADLIGHT

This unit provides maximum strength lighting with 1000 watts of illumination over a large 60° wide by 46° high area. Provides strong, smooth even lighting for photo, video or graphic arts applications. The integral 4-leaf barndoors provide sharp light cut-off. The in-line switching and safety wire make this an ideal unit for overhead mounting. Safety glass included. Lamps sold separately.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>DXW</td>
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<td>1000</td>
<td>150</td>
<td>3200°K</td>
<td>GBDXW</td>
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<tr>
<td>FBY</td>
<td>120</td>
<td>1000</td>
<td>150</td>
<td>3200°K</td>
<td>GBFBY</td>
<td>29.95</td>
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**PHOTO METRICS FOR 750-SG**

<table>
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<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>6´ (1.8m)</td>
<td>280</td>
<td>3012</td>
<td>8</td>
</tr>
<tr>
<td>15´ (4.6m)</td>
<td>10´ (3.0m)</td>
<td>125</td>
<td>1345</td>
<td>5.6</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>13´ (4.9m)</td>
<td>75</td>
<td>807</td>
<td>4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
**SMITH-VICTOR**

**SOFTLIGHT/ MINISPOT**

A mini-soft box/quartz halogen light. The light bounces out of the soft, etched reflector for diffused light without the need for accessories. Being only 7” (17.8cm) across, it is compact enough to carry on location. There is a high/low switch that allows you to vary the light output, or save on lamp life. Comes complete with a 600 watt DYH lamp.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>EYF/FKT</td>
<td>120</td>
<td>250</td>
<td>150</td>
<td>3050°K</td>
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<td>19.95</td>
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<tr>
<td>DYH</td>
<td>120</td>
<td>600</td>
<td>75</td>
<td>3200°K</td>
<td>GBDYH</td>
<td>15.39</td>
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<tr>
<td>FBG/FBG</td>
<td>120</td>
<td>500</td>
<td>50</td>
<td>3200°K</td>
<td>GBFBG</td>
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**PHOTOMETRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ (1.2m)</td>
<td>120</td>
<td>1291</td>
<td>5.6</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>60</td>
<td>646</td>
<td>4</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>28</td>
<td>301</td>
<td>2</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

**MINISPOT WITH SNOOT**

This 3½” (8.9cm) square mini light is perfect for your special effects, highlights, or for light painting. The focused quartz lamp gives you a bright, concentrated beam. Add the snoot for an even narrower beam. Comes complete with universal stand mount and integral safety glass.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYF</td>
<td>12</td>
<td>75</td>
<td>3500</td>
<td>3050°K</td>
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**PHOTOMETRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>2’ (0.6m)</td>
<td>80</td>
<td>861</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>4’ (1.2m)</td>
<td>80</td>
<td>430</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>6’ (1.8m)</td>
<td>80</td>
<td>215</td>
</tr>
</tbody>
</table>
This is a durable, lightweight aluminum unit, built for years of use in professional photo and video applications. The beam adjusts from 36° flood to 22° spot, with the rear mounted focusing lever. This light is well suited for key, fill and back-lighting applications. Includes a ten-foot grounded cord with in-line switch and is glass shielded for safety. Lamps sold separately.

**710-SG FOCUSING SPOT**

710-SG 600W Focusing Spot (401108)
Item # SM710SG ......................................................... $114.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
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<tr>
<td>EYH</td>
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<td>150</td>
<td>3059°K</td>
<td>GB-EYH</td>
<td>19.95</td>
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<tr>
<td>DYH</td>
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<td>600</td>
<td>75</td>
<td>3200°K</td>
<td>GB-DYH</td>
<td>15.39</td>
</tr>
<tr>
<td>FBD/FBG</td>
<td>120</td>
<td>500</td>
<td>50</td>
<td>3200°K</td>
<td>GB-FBG</td>
<td>21.95</td>
</tr>
</tbody>
</table>

**PHOTO - VIDEO - PRO AUDIO**

**SPECIFICATIONS**

Rating: 120V 5 amps at 600W  
Socket: Miniature 2-pin (G5.3)  
Housing: Double wall vented aluminum  
Reflector: Pebble-finish spun aluminum  
Mount: Universal 3/8”-5/8”  
Cord: 10’ (3.0m) 3 wire grounded  
Switch: In-line  
Weight: 2 lbs. 6 oz. (1.1kg)

**PHOTOMETRICS**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance (m)</th>
<th>Beam Diameter (cm)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>6’ (2.0m)</td>
<td>155</td>
<td>1668</td>
<td>5.6</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>10’ (3.2m)</td>
<td>75</td>
<td>807</td>
<td>4</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>14’ (4.3m)</td>
<td>45</td>
<td>484</td>
<td>2.8</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance (m)</th>
<th>Beam Diameter (cm)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tr>
<td>10’ (3.0m)</td>
<td>4’ (1.2m)</td>
<td>200</td>
<td>2152</td>
<td>5.6</td>
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<td>15’ (4.6m)</td>
<td>5’6” (1.7m)</td>
<td>120</td>
<td>1291</td>
<td>4</td>
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<tr>
<td>20’ (6.1m)</td>
<td>9’ (2.7m)</td>
<td>70</td>
<td>753</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**UMBRELLAS & ACCESSORIES**

**Bounce Umbrellas**  
Softly flattering white or highly reflective silver umbrellas for bounce lighting. Heat resistant for use with quartz lights as well as flash.

- **33° Black-Backed White Umbrella** (670136)
  Item # SMU33BW .................. $19.95
- **33° Black-Backed Silver Umbrella** (670137)
  Item # SMU33BS ................. $22.50

- **40° White Umbrella** (670138)
  Item # SMU40W .................. $24.95
- **40° Black-Backed White Umbrella** (670139)
  Item # SMU40BW ................. $24.95
- **40° Black-Backed Silver Umbrella** (670140)
  Item # SMU40BS ................ $25.95

- **33˝ Black-Backed White Umbrella** (670136)
  Item # SMU33BW ................ $19.95

**UM4 Lightweight Poly Umbrella Mount** (670134)
This lightweight but sturdy polycarbonate light and umbrella mount features 5/8” and 1/4x20 screw mounts, accepts umbrella shafts up to 3/8” and adjusts to any angle. Optional flash shoe and 3/8” stud.

- **Item # SMU M58 .................. $28.50**

- **Flash Shoe f/ UM1 / 4** (701955)
  Item # SM-UM .................. $6.95

- **1/4-20 Screw Stud Mount** (670035)
  Item # SMM U 4 .................. $4.95

**ORDER & INFORMATION**

(212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
BASIC STEEL LIGHT STANDS

The line of steel light stands ranges from the ultra-compact S6R, that breaks down to a mere 17½” for traveling, to the broad-based heavy duty S4, and everything in between. A black finish is standard on even the economy stands, so you'll never have to contend with unwanted glare in the studio.

S2 Economy 6’ Steel Stand (401228)
3/8” top section mount and 1/4-20 screw.
Item # SM S2 .............................................................. 21.95

S4A Heavy-Duty 10’ Steel Stand (401230A)
The broad base has a positive lock to hold the stand steady. Has a 3/8” top section mount with a 1/4-20 screw.
Item # SM S4A ........................................................... 34.95

SE30 Stand Extension (401260)
Universal 3/8” to 5/8” mount plus 30” tube for vertical or horizontal stand extension. Fits on all Smith-Victor light stands.
Item # SM LSECA ..................................................... 17.95

BOOMS

MB110 Mini Boom (401289)
2-section lightweight boom with 1.1 lb. counter-weight holds light heads weighing up to 1.75 lbs. Ideal for hair light. Extends from 36” to 64”. 5/8” brass top mount. Anodized aluminum construction.
Item # SM MB110 ..................................................... 37.95

Port-A-Boom Complete Boom Stand on Wheels (401287)
Contents:
1- Raven RS8 8’ black aluminum lightstand
1- MB-110 Mini Boom
1- Lightstand caster set
1- TB-990 carry bag.
Item # SM PAB .......................................................... 116.50

RAVEN ALUMINUM LIGHT STANDS

The Raven aluminum light stands are tough, light and black -- to prevent unwanted reflections or glare. Tubular legs with wide base circumference give you the security you need. All Raven stands have 5/8” top sections with 1/4 x 20 screw mount.

RS6 6’ Aluminum Stand (401283)
Item # SM RS6 ........................................................... 38.95

RS8 8’ Aluminum Stand (401281)
Item # SM RS8 ........................................................... 39.95

RS10 10’ Aluminum Stand (401292)
Item # SM RS10 .......................................................... 44.95
## MOUNTING ACCESSORIES

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>SMRBG</td>
<td>BPR Background Paper Rack</td>
<td>116.95</td>
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<tr>
<td>SMRTBG</td>
<td>BPR Top Section Only</td>
<td>44.50</td>
</tr>
<tr>
<td>SMBGS</td>
<td>SB9 Stand Only</td>
<td>44.50</td>
</tr>
<tr>
<td>SMLSECA</td>
<td>Stand Extension/Crossbar</td>
<td>17.95</td>
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<tr>
<td>SMCM</td>
<td>Suspended Ceiling Mount</td>
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## MOUNTING ADAPTERS

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<tr>
<th>Item #</th>
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<tr>
<td>SMSSA2520</td>
<td>1/4x20 Screw Adapter</td>
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<td>SMSC100UL</td>
<td>Socket Collar for 100UL</td>
<td>4.95</td>
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<tr>
<td>SMRC</td>
<td>540 Reflector Collar</td>
<td>5.95</td>
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<tr>
<td>SMFSLS</td>
<td>Stand to Flash Shoe Adapter</td>
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<tr>
<td>SMBSM38</td>
<td>563 Ball Stud Mount</td>
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<tr>
<td>SMSC6038</td>
<td>Socket Collar for 100UL</td>
<td>4.95</td>
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<tr>
<td>SMRC</td>
<td>540 Reflector Collar</td>
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<td>SMLSM</td>
<td>Stand Mount Adapter</td>
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<tr>
<td>SMCM</td>
<td>V Clamp</td>
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<tr>
<td>SMMSC</td>
<td>Mini Spring Clamp</td>
<td>8.50</td>
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</tbody>
</table>

### Background Paper Rack
Portable background paper stand, adapts to either 5' or 9' rolls of background paper. Black finish to prevent unwanted reflections and glare. Max. height: 9 feet.

### Suspended Ceiling Mount Extension
Telescoping extension with safety wire attaches to the suspended ceiling mount (above). A great solution for lighting high traffic areas where floor stands would be in the way. Great for I.D. portrait set-ups.

### Ball Stud and Collars
Choose the 5205 collar for sockets or narrow reflectors, the larger 540 for the standard reflector necks. The 563 ball stud accepts either collar, and fits on 3/8" stands. Now with large, comfortable knobs!
## BARDOORS

701 Barndoor  
4-leaf fully rotating barndoors clip on with tension springs.  
**Item # SMBD700SG**  
**Price:** $44.50

721 Barndoor  
Fully rotating 4-leaf barndoors for the 1000 watt focusing spot.  
**Item # SMD720SG**  
**Price:** $66.50

**Barndoor/Filter Holder**  
A great all-purpose light control accessory for reflector light. The barndoors mount on the rim of the reflector and roll to any position. Built-in clips take gels or filters for color effects, diffusion or color correction.

## FILTER HOLDER & PACKS

**FH1 Universal Filter Holder (401346)**  
This filter holder mounts on any 3/8"-to 5/8" stand for use with any light - including quartz lights. The most versatile way to mount gels, diffusion or light balancing media.  
**Item # SMFH1**  
**Price:** $47.95

**12" x 12" FILTER PACKS**

<table>
<thead>
<tr>
<th>Pack Name</th>
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<td>Rainbow Pack</td>
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<tr>
<td>Diffusion Assortment</td>
<td>SMFSD12Q</td>
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<tr>
<td>Light Balancing Assortment</td>
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## DIFFUSION SCREENS

<table>
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<tr>
<th>Reflector Size</th>
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<td>5&quot;</td>
<td>SMDP5</td>
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<tr>
<td>8&quot;</td>
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<td>10&quot;</td>
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<tr>
<td>12&quot;</td>
<td>SMDP12</td>
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## LIGHTING Q&A

**How much equipment do I need to start a studio?**

Three basic lights— one key light, one hair light, and one fill light—and don’t forget reflectors for shadow fill. One camera body, a 50mm and a 105mm portrait lens, and you’re covered. As I’ve said, you can add your equipment as you go along. Two camera bodies should be considered, as you’ll need one for back up. Try to visit other studios first to see what they’ve got. Shop photo supply showrooms. It will soon become obvious what you can start with and that you can keep it simple.

**What kind of situations are best for executive portraits?**

Photograph the executive sitting at his or her desk. I use a 50mm lens, because in this case I’m not interested in a head-and-shoulders shot, but rather the executive in his or her environment. The environment tells about the subject’s achievements and stature. Usually executive portraits are from the waist up or with the subject leaning on the desk. The subject can look friendly in such surroundings, while at the same time expressing his or her command of business. Lowell Lighting manufactures very portable 500–watt hot lights, called the “Omni” series, which I now prefer to use when shooting on location.

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*Copy excerpted with permission of Amphoto Books © 1995*  
by John Hart  
50 Portrait Lighting Techniques.
For truly brilliant photography and video images, you need quality lighting. Each Smith-Victor Pro-Kit has been created from our line of professional quartz halogen lights to offer the working professional or serious amateur a combination of components designed to fit a variety of applications while staying within the budget.

K70 1800W Fully Accessorized Professional Quartz Kit (401400)
Kit includes:
(3) 765-UM 600W quartz lights
(3) DYH 600W quartz halogen lamps
(3) 711 four-leaf barndoors
(3) 712 scrims for 765-UM
(2) 40˝ black-backed white umbrellas
(1) FH1 filter holder
(1) Rainbow filter pack
(3) Raven RS8 8˝ aluminum light stands
(1) Light cart on wheels.
(1) “Imaging with Light” Guide
Item # SMK70 .................. 659.95

K76 4000-Watt Professional Studio Kit (401422B)
Kit includes:
(2) 750-SG 1000W quartz broad lights
(2) 720-SG 1000W focusing spot lights
(2) 752 scrims for 750-SG
(2) 721 4-leaf barndoors for 720-SG
(4) Raven RS8 8˝ aluminum light stands
(1) G5 gaffer grip
(1) SE30 30˝ stand extension/crossarm
(2) FHM 1000W quartz halogen lamps
(2) FBY 1000W quartz halogen lamps
(1) 696 pro light case
(1) “Imaging with Light” Guide
Item # SMK76 .................. 999.95

K77 2200-Watt “Interview” Lighting Kit (401450)
Kit includes:
(2) 765-UM 600W quartz lights
(1) 750-SG 1000W quartz broad light
(1) 752 scrim for 750-SG
(3) Raven RS8 8˝ aluminum light stands
(2) 40˝ white umbrellas
(2) DYH 600W quartz halogen lamps
(1) FHM 1000W quartz lamp
(1) 696 pro light case
(1) “Imaging with Light” Guide
Item # SMK77 .................. 609.95

K79 3200W Set Lighting Kit (401472)
Kit includes:
(2) 765-UM 600W quartz lights
(2) 750-SG 1000W quartz broad lights
(2) 40˝ black-backed white umbrellas
(2) DYH 600W quartz halogen lamps
(2) FHM 1000W quartz halogen lamps
(4) Raven RS8 8˝ aluminum light stands
(2) 752 scrims for 750-SG
(1) 696 pro light case
(1) “Imaging with Light” Guide
Item # SMK79 .................. 778.95

K78 1850-Watt Professional Portrait Kit (401440)
Kit includes:
(1) 765-UM 600W quartz light
(1) 750-SG 1000W quartz broad light
(1) A5 Adapta-light
(3) Raven RS8 8˝ aluminum light stands
(1) MB110 mini boom
(1) 40˝ black-backed white umbrella
(1) DYH 600W quartz halogen lamp
(1) FHM 1000W quartz halogen lamp
(1) ECA 250W photoflood lamp
(1) 752 scrim for 750-SG
(1) 712 scrim for 765-UM
(1) DP5 diffusion screen
(1) 696 pro light case
(1) “Imaging with Light” Guide
Item # SMK78 .................. 574.95
SMITH-VICTOR
QUARTZ LIGHTING KITS

765-UM KITS

K40 2-Light Toolbox Kit (401492A)
Kit includes:
(2) 765-UM quartz halogen lights
(2) Raven RS75 7’6” aluminum light stands
(2) DYH 600W quartz halogen lamps
(1) Toolbox case
(1) “Imaging with Light” Guide
Item # SMK40A ...............259.95

K42-U 2-Light Toolbox Kit with Umbrellas (401494A)
Kit includes:
(2) 765-UM quartz halogen lights
(2) Raven RS75 7’6” aluminum light stands
(2) DYH 600W quartz halogen lamps
(2) 33” white umbrellas
(1) Toolbox case
(1) “Imaging with Light” Guide
Item # SMK42UA .............328.95

K43 3-Light Spot Lighting Kit with Umbrellas (401441)
Consists of:
(3) 765UM quartz halogen lights
(3) Raven RS8 8’ aluminum light stands
(3) DYH 600W quartz halogen lamps
(2) 33” black-backed white umbrellas
(1) 711BD 4-leaf barndoors
(1) Light cart on wheels
(1) Imaging with Light Guide
Item # SMK43 ...............474.95

K41 2-Light Toolbox Kit with Barndoors (401493A)
Kit Includes:
(2) 765UM quartz halogen lights
(2) Raven RS75 7’6” aluminum light stands
(2) DYH 600W quartz halogen lamps
(2) 711 4-leaf barndoors
(1) Toolbox case
(1) Imaging with Light Guide
Item # SMK41A .............309.95

700-SG ATTACHE KITS

K22U-A 1200W Attache Location Kit with Umbrellas (401429A)
Kit includes:
(2) 700-SG quartz halogen lights
(2) Raven RS6 6’ aluminum light stands
(2) DYH 600W quartz halogen lamps
(2) 33” white umbrellas
(2) UM-4 umbrella mounts
(1) 650 attache case
(1) “Imaging with Light” Guide
Item # SMK22UA ..........279.95

K102 1200W Attache Kit (401437)
Kit includes:
(2) 700-SG quartz halogen lights
(2) Raven RS6 6’ aluminum light stands
(2) DYH 600W quartz halogen lamps
(1) 650 attache case
(1) “Imaging with Light” Guide
Item # SMK102 ..........209.95

K33 1800-Watt Attache Kit with Barndoors (401420B)
Kit includes:
(3) 700-SG quartz halogen lights
(3) 701BD 4-leaf barndoors
(3) Raven RS6 6’ aluminum light stands
(3) DYH 600W quartz halogen lamps
(1) 650 attache case
(1) “Imaging with Light” Guide
Item # SMK33B ............439.95

K2RA 1800-Watt Attache Kit (401402A)
Kit includes:
(3) 700-SG quartz halogen lights
(3) Raven RS6 6’ aluminum light stands
(3) DYH 600W quartz halogen lamps
(1) 650 attache case
(1) “Imaging with Light” Guide
Item # SMK2RA ..........277.95
QUARTZ LIGHTING KITS

SMITH - VICTOR

CONTINUOUS LIGHTING TUNGSTEN

SOFTLIGHT KITS

Softlights provide even, soft and diffused lighting that is perfect for video, product or portrait photography. With its compact size and high/low switch, the Softlight provides great flexibility on location or in the studio.

SL200 2 Softlight Kit (401404)
Kit includes:
(2) Softlights
(2) Raven RS8 8’ aluminum light stands
(2) DYH 600W quartz halogen lamps
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SM SL200K ............319.95

SL250 Softlight Portrait Kit with Hair Light (401406)
Kit includes:
(2) Softlights
(1) AS 5’ Adapta-Light
(3) Raven RS8 8’ aluminum light stands
(1) MB110 Mini-Boom
(2) DYH 600W quartz halogen lamps
(1) ECA 250W Photoflood lamp
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SM SL250K ............448.95

SL300 3 Softlight Kit (401405)
Kit includes:
(3) Softlights
(3) Raven RS8 8’ aluminum light stands
(3) DYH 600W quartz halogen lamps
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SM SL300K ............439.95

Q60 KITS

K60 600W 1-Light Set-Up (401489)
Kit includes:
(1) Q60-5G light
(1) Raven RS8 8’ aluminum light stand
(1) DYH 600W quartz halogen lamp
(1) Corrugated carrying case
(1) “Imaging with Light” Guide
Item # SM K60 ............119.95

K61 1200W Quartz Thrifty Kit (401488)
Kit includes:
(2) Q60-5G lights
(2) Raven RS8 8’ aluminum light stands
(2) DYH 600W quartz halogen lamps
(1) Corrugated carrying case
(1) “Imaging with Light” Guide
Item # SM K61 ............219.95

K63 1800W Broad Lighting Kit (401463C)
Kit includes:
(3) Q60-5G lights
(3) Raven RS8 8’ aluminum light stands
(3) DYH 600W quartz halogen lamps
(1) Light cart on wheel
(1) “Imaging with Light” Guide
Item # SM K63C ............358.95

K61U 1200W Quartz Thrifty Kit with Umbrella (401464)
Consists of:
2- Q60-5G lights
2- Raven RS8 8’ aluminum light stands
2- UM-4 umbrella mounts
2- 33” white umbrellas
2- DYH 600W quartz lamps
1- Corrugated carrying case
1- “Imaging with Light” Guide
Item # SM K61U ............296.95

K62 1200W Broad Lighting Kit (401462C)
Kit includes:
(2) Q60-5G lights
(2) Raven RS8 8’ aluminum light stands
(2) DYH 600W quartz lamps
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SM K62C ............279.95

Q60-5G light kits give the videographer or photographer the illumination, control and versatility to meet any demanding lighting situation.

SL250

SL300

K60

K61

K62

K63

Q60 KITS
PHOTOFLOOD KITS

SMITH-VICTOR

ULTRA COOL LIGHT KITS

K82 500W Photoflood Kit (401460C)
Kit includes:
(2) A80 Ultra Cool lights
(2) Raven RS8 8’ aluminum light stands
(2) ECA 250W photoflood lamps
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SMK82C .............199.95

K83 750W Photoflood Kit (401461C)
Kit includes:
(3) A80 Ultra Cool lights
(3) Raven RS8 8’ aluminum light stands
(3) ECA 250W photoflood lamps
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SMK83C .............259.95

KLC82 500W Photoflood Kit with Light Control (401459C)
Kit includes:
(2) A80 Ultra Cool lights
(2) Raven RS8 8’ aluminum light stands
(2) ECA 250W photoflood lamps
(2) BD80 barndoors with filter holders
(1) Diffusion assortment pack with 2-light, 2-medium and 2-heavy diffusion.
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SMKLC82C .............285.95

K87 500-Watt Photoflood Kit with Umbrellas (401457)
Kit includes:
(2) A80 Ultra Cool lights
(2) Raven RS8 8’ aluminum light stands
(2) ECA 250W photoflood lamps
(2) UM-4 umbrella mounts
(2) 33˝ white umbrellas
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SMK87 .............285.95

K6RC 1250W Home Portrait Kit (401403C)
Kit includes:
(2) 910 UL Adapta-lights
(1) A5 5˝ Adapta-light
(3) Raven RS8 8’ light stands
(3) Socket and cord sets with stand mounts
(2) ECT 500W photoflood lamps
(1) ECA 250W photoflood lamp
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SMK6RC .............549.95

MB500 Single-Light Mini-Boom Kit (401550)
Kit includes:
(1) 5˝ reflector
(1) Socket and cord set with stand mount
(1) Raven RS8 8’ light stand
(1) ECT 500W photoflood lamp
(1) UM-4 umbrella mount
(1) 33˝ white umbrella
(1) Corrugated carrying case
(1) “Imaging with Light” Guide
Item # SM MB500 .............88.95

UK2 Umbrella Kit (401484)
(2) 40˝ black-backed white umbrellas
(2) Raven RS8 8’ aluminum light stands
(2) UM-4 umbrella mounts
(1) TB-440 carrying case
(1) “Imaging with Light” Guide
Item # SM UK2 .............117.95

KT100 Single-Light Photoflood Kit (401483)
Kit includes:
(1) 10˝ reflector
(1) Socket and cord set with stand mount
(1) Raven RS8 8’ light stand
(1) ECA 250W photoflood lamp
(1) Corrugated carrying case
(1) “Imaging with Light” Guide
Item # SM KT100 .............59.50

KT400 Single-Light Umbrella Kit (401471)
Kit includes:
(1) 12˝ reflector
(1) Socket and cord set with stand mount
(1) Raven RS8 8’ light stand
(1) ECT 500W photoflood lamp
(1) UM-4 umbrella mount
(1) 33˝ white umbrella
(1) Corrugated carrying case
(1) “Imaging with Light” Guide
Item # SM KT400 .............84.95

K6RC 1250W Home Portrait Kit (401403C)
Kit includes:
(2) 910 UL Adapta-lights
(1) A5 5˝ Adapta-light
(3) Raven RS8 8’ light stands
(3) Socket and cord sets with stand mounts
(2) ECT 500W photoflood lamps
(1) ECA 250W photoflood lamp
(1) Light cart on wheels
(1) “Imaging with Light” Guide
Item # SM K6RC .............189.95
THRIFTY KITS

KT500 2-Light
500 Total Watt Kit (401486)
Kit includes:
(2) 10˝ reflectors
(2) Socket and cord sets with stand mounts
(2) Raven RS6 6˝ aluminum stands
(2) ECA 250W photoflood lamps
(1) Corrugated carrying case
(1) "Imaging with Light" Guide
Item # SM KT500 ............... 89.95

KT508 2-Light
500 Total Watt Kit (401476)
Same as above, with
(2) Raven RS8 8˝ aluminum light stands
Item # SM KT508 ............... 109.95

KT750 3-Light
750 Total Watt Kit (401487)
Kit includes:
(2) 10˝ reflectors
(1) 5˝ reflector
(3) Socket and cord sets with stand mounts
(3) Raven RS6 6˝ aluminum light stands
(3) ECA 250W photoflood lamps
(1) Corrugated carrying case
(1) "Imaging with Light" Guide
Item # SM KT750 ............... 118.95

KT1000 2-Light
1000 Total Watt Kit (401490)
Kit includes:
(2) 12˝ reflectors
(2) Socket and cord sets with stand mounts
(2) Raven RS6 6˝ aluminum light stands
(2) ECT 500W photoflood lamps
(1) Corrugated carrying case
(1) "Imaging with Light" Guide
Item # SM KT1000 ............... 109.95

KT758 3-Light
750 Total Watt Kit (401477)
Same as above, with
(3) Raven RS8 8˝ aluminum light stands
Item # SM KT758 ............... 136.95

KT1008 2-Light
1000 Total Watt Kit (401481)
Same as above, with
(2) Raven RS8 8˝ aluminum light stands
Item # SM KT1008 ............... 129.50

KT800 3-Light 1250-Watt
Umbrella Kit (401495)
Kit includes:
(2) 12˝ reflectors
(1) 5˝ reflector
(3) Socket and cord sets with stand mounts
(2) UM-4 umbrella mounts
(2) 33˝ white umbrellas
(2) ECT 500W photoflood lamps
(1) ECA 250W photoflood lamp
(3) Raven RS8 8˝ aluminum light stands
(1) Corrugated carrying case
(1) "Imaging with Light" Guide
Item # SM KT800 ............... 199.95

KT900 3-Light 1250-Watt
Mini-Boom Kit (401470)
Kit includes:
(2) 12˝ reflectors
(1) 5˝ reflector
(3) Socket and cord sets with stand mounts
(2) UM-4 umbrella mounts
(2) 33˝ white umbrellas
(3) Raven RS8 8˝ aluminum light stands
(1) MB110 Mini-Boom
(2) ECT 500W photoflood lamps
(1) ECA 250W photoflood lamp
(1) Light cart on wheels
(1) "Imaging with Light" Guide
Item # SM KT900 ............... 224.95
FLOOD LIGHTS/HOT LIGHTS

SP STUDIO SYSTEMS

CONTINUOUS LIGHTING

TUNGSTEN

FLOOD LIGHTING KITS

FLOOD LIGHT KIT (SPFLK3)
Same as above but with (2) Wood handle socket sets w/ball joints.
Item # SPFLDK .................. 79.95

DELUXE PLUS FLOOD LIGHT KIT (SPFLK5)
Same as above but with (1) SPBRACK & (1) 36” Umbrella.
Item # SPFLDPK ................. 109.95

SUPER DELUXE FLOOD LIGHT KIT (SPFLK)
Includes (3) 6’ steel light stands, (2) 10” reflectors, 7” reflectors, (3) AC socket sets w/adapters, (1) SPBRACK swivel bracket, (1) 10” set of Barn doors, (3) BBA super flood bulbs. Corrugated carrying case.
Item # SPFLK .................. 169.95

DIGITAL HOT-LITE KITS

500-Watt Kit (SPFLKD)
Consists of:
(2) 10” reflectors with zinc diecast stand adapter and 2 wire cords with in-line switches. Each reflector has an integrated ceramic socket listed for 250 watts, and wood handling knobs.
(2) 6” all metal stands complete kit. Screw-in photo flood lamps not included.
Item # SP500K .................. 107.95

1200-Watt Quartz Kit (SPFLKQ2)
Consists of:
(2) 600 watt Quartz lighting units which feature built-on barn doors for great light control.
(3) Wire ground cords and plugs. Porcelain high-heat sockets. UL-listed.
(2) 8” aluminum stands. Requires DYX/DYV lamps, not included.
Item # SP1200K .................. 218.50

1500-Watt Kit (SPFLK810)
Consists of:
(1) 10” reflector flood
(2) 8” reflector floods each with a 500 watt maximum. Each has 3-wire ground cords and plugs with porcelain high-heat sockets. UL-listed.
(3) 8” aluminum stands complete the kit. Screw-in photo flood lamps not included.
Item # SP1500K ................. 299.95

1800-Watt Quartz Kit (SPFLKQ3)
Consists of:
(1) 600 watt Quartz Focusing light unit which focuses for flood or spot. Uses DYH lamp (not included).
(2) 600 watt Quartz lighting units which feature built-on barn doors for great light control.
(3) Wire ground cords & plugs. Porcelain high-heat sockets. UL listed.
(3) 8” aluminum stands. Requires DYX/DYV and DYH lamps, not included.
Item # SP1800K ................. 364.95

REFLECTOR AND SOCKET SETS

Consists of socket with cord, spring clamp and choice of 3 reflector sizes. Accepts 75 watts maximum.

7” Reflector w/Socket (SPTE7RS)
Item # SPR7 ...................... 17.95

10” Reflector w/Socket (SPTE10RS)
Item # SPR10 .................... 12.95

12” Reflector w/Socket (SPTE12RS)
Item # SPR12 ................. 13.50

7” Reflector Only (RKTE30R)
Item # SPR7Q .................. 12.50

10” Reflector Only (RKTE24R)
Item # SPR10Q ............... 11.95

12” Reflector Only (RKTE25R)
Item # SPR12Q .................. 12.95

High wattage lighting units perfect for the high output demands of digital and standard photography. Flood and quartz lights from 250 to 600 watts, pick the kit that suits your needs. Heavy-duty aluminum alloy reflectors and sturdy yokes will fit all stands with 3/8”, 1/2” or 5/8” tops.

Equipment Leasing Available
A compact 5” head with high output, perfectly suited for motion picture location work as well as sports, ENG, EFP and studio use. Combines Proline’s advanced features plus hot re-strike capability, safety interlock door switch, color-coded “on-off” illumination pushbuttons, local/remote control, pulse-rated sockets and 24” cable lead with multi connector. Systems include 50 ft. (15.2m) interconnect cable and cable wrap, 4-leaf barn-door, filter frame and ballast. Available with Irem magnetic ballasts or Power Gems electronic flicker-free ballasts. Accepts all standard 7¾” (19.7cm) accessories.

FEATURES
- Rugged lightweight die-cast and extruded aluminum housing
- Easy release positive locking socket
- Front and rear focusing controls
- Comfortable grip tubular stirrup
- Instant re-strike capability.
- Magnetic or electronic ballast

SPECIFICATIONS
Rating: 95V AC operation single phase, 7.0 amps, 575W maximum.
Interconnect Cable: Detachable 25’ (7.6m) multi cable with male to female interlocking connectors
Cable: 24” (61cm) lead with multi connector
Lens: 5.1” (130mm) short focus borosilicate fresnel lens. Wire safety mesh installed.
Focusing: Easy glide worm gear with front and rear knobs.
Weight: Approx. 16 lbs. (7.2kg)
Dimensions: 10 x 11 x 8¾” (25x28x22cm)

PHOTO METRICS

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>575</td>
<td>5600°K</td>
<td>GBHS575HR</td>
<td>209.95</td>
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PHOTO METRICS

LENS DISTANCES

FLOOD

<table>
<thead>
<tr>
<th>Distance (ft.)</th>
<th>Beam Diameter (in.)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>14’ (4.3m)</td>
<td>633</td>
<td>6811</td>
<td>16.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>28’ (8.5m)</td>
<td>158</td>
<td>1700</td>
<td>8.5</td>
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<tr>
<td>30’ (9.1m)</td>
<td>42’ (12.8m)</td>
<td>70</td>
<td>753</td>
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SPOT

<table>
<thead>
<tr>
<th>Distance (ft.)</th>
<th>Beam Diameter (in.)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>3.3’ (1.0m)</td>
<td>2440</td>
<td>26,254</td>
<td>36.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>6.7’ (2.0m)</td>
<td>610</td>
<td>6564</td>
<td>16.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>10.0’ (3.0m)</td>
<td>271</td>
<td>2916</td>
<td>11.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The 1200SE is a rugged, high output fresnel designed for use in the TV/Film industries where an intense even field with sharp cutting capability is desired. Utilizing the new compact single ended line of metal halide lamps, the luminaire delivers excellent daylight quality from a small compact package and is useful in any situation where daylight color balance is required. The 1200SE is focussable from spot to flood and can be used as a daylight booster, keylight or fill-light. The 1200SE-M is supplied with a magnetic ballast and the 1200SE-E is supplied with an electronic ballast.

**FEATURES**
- Rugged lightweight die-cast and extruded aluminum housing
- Easy release positive locking socket
- Front and rear focusing controls
- Comfortable grip tubular stirrup
- Instant re-strike capability.
- Magnetic or electronic ballast

**SPECIFICATIONS**
- **Rating:** 100V AC operation single phase, 13.8 amps, 1200W maximum.
- **Interconnect Cable:** Detachable 25’ (7.6m) multi-cable with male to female interlocking connectors
- **Cable:** 24´ (61cm) lead with multi connector
- **Lens:** 6.8” (175mm) short focus borosilicate fresnel lens. Wire safety mesh installed.
- **Focusing:** Easy glide worm gear with front and rear knobs.
- **Weight:** Approx. 17 lbs. (7.7kg)
- **Dimensions:** 12¾ x 15½ x 20½˝ (32x39x52cm)

**ACCESSORIES**
- 4-Leaf Barndoors (F7BD4) Item # ALBD41200SE ….77.95
- 8-Leaf Barndoors (F7BD8) Item # ALBD81200SE …112.50
- Heavy Duty Pipe Clamp (510HDFV) Item # ALCB1200SE …25.95
- Hinged Filter Frame (F7FF) Item # ALFF1200SE …28.50
- 4’ Non-Telescoping Operating Pole (FOP48) Item # ALOP1200SE …82.95
- 5½” x 1½” Combination Spigot (Large) (F8AL) Item # ALS1200SE …18.95
- 3-in-1 Snoot Set (F7SN) Item # ALSS1200SE …114.95
- 9” Full Double Scrim (F7FD) Item # ALSFD1200SE …17.50
- 9” Full Single Scrim (F7FS) Item # ALSFS1200SE …15.95
- Scrim Set (4) (F7SCSET) Item # ALSS1200SEQ …64.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200</td>
<td>5600°K</td>
<td>GBHS1200HR</td>
<td>289.95</td>
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</table>

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>FLOOD</th>
<th>SPOT</th>
</tr>
</thead>
</table>

- **FLOOD**
  - Distance (foot): 10’ (3.0m) 20’ (6.1m) 30’ (9.1m)
  - Beam Diameter (foot): 13.5” (4.1m) 27” (8.2m) 40.5” (12.3m)
  - Footcandles: 808 202 90
  - Lux: 8694 2174 968
  - F-Stop:
    - 10’ (3.0m): 16.5
    - 20’ (6.1m): 8.5
    - 30’ (9.1m): 5.65

- **SPOT**
  - Distance (foot): 10’ (3.0m) 20’ (6.1m) 30’ (9.1m)
  - Beam Diameter (foot): 3.0” (0.9m) 6.5” (2.0m) 9.5” (2.9m)
  - Footcandles: 7347 1837 816
  - Lux: 79,053 19,766 8780
  - F-Stop:
    - 10’ (3.0m): 64
    - 20’ (6.1m): 36
    - 30’ (9.1m): 16.5

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Altman 2500SE is a rugged, high output fresnel designed for use in the TV/Film industries where an intense even field with sharp cutting capability is desired. Utilizing the new compact single ended line of metal halide lamps, the luminaire delivers excellent daylight quality from a small compact package and is useful in any situation where daylight color balance is required. The 2500SE is focusable from spot to flood and can be used as a daylight booster, keylight or fill-light. The 2500SE-M is supplied with a magnetic ballast and the 2500SE-E is supplied with an electronic ballast.

**PRO LINE 2500SE FEATURES**

- Rugged lightweight die-cast and extruded aluminum housing
- Easy release positive locking socket
- Front and rear focusing controls
- Comfortable grip tubular stirrup
- Instant re-strike capability
- Magnetic or electronic ballast

**SPECIFICATIONS**

**Rating:**
115V AC operation single phase, 25.6 amps, 2500W maximum.

**Interconnect Cable:**
Detachable 25' (7.6m) multi cable with male to female interlocking connectors

**Cable:**
24” (61cm) lead with multi connector

**Lens:**
9.8” (250mm) short focus borosilicate fresnel lens. Wire safety mesh installed.

**Focusing:**
Easy glide worm gear with front and rear knobs.

**Weight:**
Approx. 38 lbs. (17.2kg)

**Dimensions:**
15½ x 20 x 25½” (39x51x65cm)

- **Rugged lightweight die-cast and extruded aluminum housing**
- **Easy release positive locking socket**
- **Front and rear focusing controls**
- **Comfortable grip tubular stirrup**
- **Instant re-strike capability**
- **Magnetic or electronic ballast**

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>2500</td>
<td>5600°K</td>
<td>GBHS2500HR</td>
<td>399.95</td>
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**PHOTO METRICS**

<table>
<thead>
<tr>
<th>FLOOD</th>
<th>DISTANCE</th>
<th>BEAM DIAMETER</th>
<th>FOOTCANDLES</th>
<th>LUX</th>
<th>F-STOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>20' (6.1m)</td>
<td>28’ (8.5m)</td>
<td>390</td>
<td>4282</td>
<td>11.8</td>
<td></td>
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<tr>
<td>30’ (9.1m)</td>
<td>42’ (12.8m)</td>
<td>177</td>
<td>1905</td>
<td>8.5</td>
<td></td>
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<tr>
<td>40’ (12.2m)</td>
<td>56’ (17.1m)</td>
<td>100</td>
<td>1076</td>
<td>5.65</td>
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<table>
<thead>
<tr>
<th>SPOT</th>
<th>DISTANCE</th>
<th>BEAM DIAMETER</th>
<th>FOOTCANDLES</th>
<th>LUX</th>
<th>F-STOP</th>
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</thead>
<tbody>
<tr>
<td>20' (6.1m)</td>
<td>6’ (1.8m)</td>
<td>3239</td>
<td>34852</td>
<td>36.5</td>
<td></td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>9’ (2.7m)</td>
<td>1440</td>
<td>15494</td>
<td>22.5</td>
<td></td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>12’ (3.7m)</td>
<td>810</td>
<td>8716</td>
<td>16.5</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The 4000SE is a rugged, high output fresnel designed for use in the TV/Film industries where an intense even field with sharp cutting capability is desired. Utilizing the new compact single ended line of metal halide lamps, the luminaire delivers excellent daylight quality from a small compact package and is useful in any situation where daylight color balance is required. The 4000SE is focusable from spot to flood and can be used as a daylight booster, keylight or fill-light. The 4000SE-M is supplied with a magnetic ballast and the 4000SE-E is supplied with an electronic ballast.

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000</td>
<td>5600°K</td>
<td>GBHS4000HR</td>
<td>599.95</td>
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PHOTO METRICS

<table>
<thead>
<tr>
<th>FLOOD</th>
<th>SPOT</th>
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<tbody>
<tr>
<td>Distance</td>
<td>Distance</td>
</tr>
<tr>
<td>Beam Diameter</td>
<td>Beam Diameter</td>
</tr>
<tr>
<td>Footcandles</td>
<td>Footcandles</td>
</tr>
<tr>
<td>Lux</td>
<td>Lux</td>
</tr>
<tr>
<td>F-Stop</td>
<td>F-Stop</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
### BALLASTS

Proline SE/HMI Systems are now available with world class Power Gems Electronic Ballasts and Irem Magnetic Ballasts. The electronic ballast offer low noise options, dimming capability, auto voltage sensing over-temperature indications, power factor correction and other unique electronic features in lightweight combination sizes of 575/1200 Watt and 2500/4000 Watt. Our magnetic ballasts offer a more affordable, dedicated power/voltage approach in rugged, compact configurations. Whether you specify an electronic or a magnetic ballast, you can depend on Proline SE/HMI System.

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight</th>
<th>Rating</th>
<th>Switches</th>
<th>Cable</th>
<th>Ignition</th>
<th>Control</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>575W</td>
<td>32 lbs (14.5kg)</td>
<td>120VAC, 60Hz, 7.0 amps max.</td>
<td>ON and OFF</td>
<td>#16 AWG with male Edison plug</td>
<td>Normal or quiet (soft) start</td>
<td>ALBM575SE</td>
<td>$1028.50</td>
<td></td>
</tr>
<tr>
<td>1200W</td>
<td>47.4 lbs (21.5kg)</td>
<td>120VAC, 60Hz, 13.5 amps max.</td>
<td>ON and OFF</td>
<td>#16 AWG</td>
<td>Normal or quiet (soft) start</td>
<td>ALBM1200SE</td>
<td>$1179.95</td>
<td></td>
</tr>
<tr>
<td>2500W</td>
<td>78.3 lbs (35.5kg)</td>
<td>120VAC, 60Hz, 25.0 amps max.</td>
<td>ON and OFF</td>
<td>#12 AWG</td>
<td>Normal or quiet (soft) start</td>
<td>ALBM2500SE</td>
<td>$1464.95</td>
<td></td>
</tr>
<tr>
<td>4000W</td>
<td>159 lbs (72.1kg)</td>
<td>120VAC, 60Hz, 40.0 amps max.</td>
<td>ON and OFF</td>
<td>#8 AWG</td>
<td>Normal or quiet (soft) start</td>
<td>ALBM4000SE</td>
<td>$2177.95</td>
<td></td>
</tr>
<tr>
<td>575/1200W</td>
<td>15 lbs (6.8kg)</td>
<td>120/208-240VAC, 50/60Hz, 10.0 amps max.</td>
<td>Momentary</td>
<td>#16 SJT</td>
<td>0-50% dimming capability</td>
<td>ALBE1200SE</td>
<td>$2659.95</td>
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</tr>
<tr>
<td>2500/4000W</td>
<td>78.3 lbs (35.5kg)</td>
<td>120/208-240VAC, 50/60Hz, 25.0 amps max.</td>
<td>Momentary</td>
<td>#12 AWG</td>
<td>0-50% dimming capability</td>
<td>ALBE2500SE</td>
<td>$5142.50</td>
<td></td>
</tr>
</tbody>
</table>

### STANDS

Altman Stands are used to support lighting fixtures or other equipment from the floor. When a cross bar is added to the top of a stand, the combination becomes a light tree which will allow for the mounting of two or more fixtures, depending on the cross bar used. All stands telescope to allow for variable height adjustments. All items are finished in baked black enamel.

<table>
<thead>
<tr>
<th>Model</th>
<th>Height</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’-9’ Adjustable Telescoping Stand</td>
<td>5’-9’</td>
<td>ALLS59</td>
<td>$142.50</td>
</tr>
<tr>
<td>18” Crossbar with 2-Sliding Tees</td>
<td>CROSS182</td>
<td>ALCB182</td>
<td>$39.95</td>
</tr>
</tbody>
</table>
A ruggedly constructed medium throw follow spot, the Satellite-1 produces a hard or soft edged beam which zooms from a 9.6´ to 26.5´ (2.9 to 8.1m) diameter circle at a distance of 75´ (22.9m) with its iris fully open. The beam may be further attenuated by using the integral iris for spot size adjustment and the integral framing shutters for top and bottom edge framing. The Satellite-1 is designed for use with the 575 watt HMI lamp. The luminaire is used in any application where manual control of a lighting beam is required to follow a performer and to vary the beam size, quality and color.

**LAMP SPECIFICATIONS**

- **Watts:** 575
- **Color Temp:** 5600°K
- **Item #** GBHD575
- **Price:** 179.50

**PHOTOMETRICS**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>60´ (18.3m)</td>
<td>21.2´ (6.3m)</td>
<td>148</td>
<td>1592</td>
<td>8</td>
</tr>
<tr>
<td>80´ (24.4m)</td>
<td>28.2´ (8.6m)</td>
<td>83</td>
<td>893</td>
<td>5.65</td>
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<tr>
<td>100´ (30.5m)</td>
<td>35.3´ (10.8m)</td>
<td>53</td>
<td>570</td>
<td>5.6</td>
</tr>
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</table>

**SMALL SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>60´ (18.3m)</td>
<td>1.6´ (0.5m)</td>
<td>960</td>
<td>10,330</td>
<td>64.5</td>
</tr>
<tr>
<td>80´ (24.4m)</td>
<td>2.4´ (0.7m)</td>
<td>427</td>
<td>4595</td>
<td>45.5</td>
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<tr>
<td>100´ (30.5m)</td>
<td>3.1´ (0.9m)</td>
<td>240</td>
<td>2582</td>
<td>36.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
A ruggedly constructed long throw follow spot, the Voyager produces a very narrow, hard or soft edged beam which varies from 0.5 to 9.5°.

The Voyager is designed for use with the 400 watt HTI lamp. The ball bearing slide assembly assures easy operation of the zoom focus feature for spot to flood adjustment. A separate fine focus control assures a clean, halation free beam edge. The luminaire is used in any application where manual control of a lighting beam is necessary to follow a performer and to vary beam size, quality and color as required.

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>400</td>
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<td>GBHS400HR</td>
<td>229.95</td>
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</table>

**Photometrics**

**Flood**

<table>
<thead>
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<th>Distance (ft)</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 (18.3m)</td>
<td>19.1 (5.8m)</td>
<td>694</td>
<td>7467</td>
<td>16.5</td>
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<tr>
<td>80 (24.4m)</td>
<td>26.0 (7.9m)</td>
<td>391</td>
<td>4207</td>
<td>11.5</td>
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<tr>
<td>100 (30.5m)</td>
<td>33.0 (10.1m)</td>
<td>250</td>
<td>2690</td>
<td>11</td>
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**Spot**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 (18.3m)</td>
<td>0.7 (0.2m)</td>
<td>2361</td>
<td>25404</td>
<td>36.5</td>
</tr>
<tr>
<td>80 (24.4m)</td>
<td>1.2 (0.4m)</td>
<td>1328</td>
<td>14289</td>
<td>22.5</td>
</tr>
<tr>
<td>100 (30.5m)</td>
<td>1.7 (0.5m)</td>
<td>850</td>
<td>9146</td>
<td>22</td>
</tr>
</tbody>
</table>

**Small Spot**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 (30.5m)</td>
<td>1.8 (0.5m)</td>
<td>850</td>
<td>9146</td>
<td>64.5</td>
</tr>
<tr>
<td>125 (38.1m)</td>
<td>2.2 (0.7m)</td>
<td>544</td>
<td>5853</td>
<td>64</td>
</tr>
<tr>
<td>150 (45.7m)</td>
<td>2.6 (0.8m)</td>
<td>378</td>
<td>4067</td>
<td>45</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. *F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
A ruggedly constructed long throw follow spot, the Explorer produces a very narrow, hard or soft edged beam which varies from 5 to 7°. The Explorer is designed for use with the Osram 1200 watt metal halide lamp for optimal performance. The ball bearing slide assembly assures easy operation of focusing from spot to flood adjustment. A separate fine focus control assures a clean, halation free beam edge. The lamp house is supported by a heavy-duty screw-feed lift that allows the operator to make necessary adjustments for comfort of operation. The luminaire is used in any application where manual control of a lighting beam is necessary to follow a performer and to vary beam size, quality and color as required.

**EXPLORER FEATURES**
- 1200 watt Metal Halide lamp included.
- Top operated framing, iris, and dimming controls.
- Spring loaded self-canceling color boom.
- Low power consumption.
- Smooth easy operation.
- Screw-feed lift for easy height adjustment.
- Lightweight low noise ballast.
- Rugged aluminum die cast and aluminum plate construction.
- Dual adjustable lenses.

**SPECIFICATIONS**
- Housing: Extruded sheet and die-cast aluminum.
- Lenses: Follow Spot provided with an adjustable 4.5” condensing and 11” objective lens to achieve a variable zoom range. Each lens shall be independently adjustable for hard or soft edge beam-control.
- Cable: The 12.5’ (3.8m) cable provides the interconnection between the power supply and the lamp house.
- Shutter: Horizontal two gate steel trim shutter with top mounted control handle.
- Lamp: 1200W/GS Double ended Metal Halide Lamp.
- Lamp Focusing: Fine Focus is obtainable anytime via adjusting set screws.
- Switches: Equipped with an illuminated power switch and separate fan and lamp switches.
- Iris: 18 heavy-duty high quality stainless steel blades with top mounted control handle.
- Color Changer: The unit shall feature an automatic self-canceling 6-frame color boomerang and twin bladed douser. Gel frames are industry standard 7”, which are easily removable when a color change is required.
- Safety Switch: Automatic safety switch disconnects power if access door is opened.
- Hour Meter: 7 digital readout, non-resettable, 1/100 hour increments.
- Weight: Approx; 90 lbs. (40.8kg) for Lamp House, Approx; 54 lbs. (25.5kg) for Stand, Approx; 51 lbs. (23kg) for Ballast, Total net weight - Approx; 195 lbs. (87.8kg)
- Dimensions: 49½x17x33” (126x43x84cm)

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200</td>
<td>5600°K</td>
<td>GBM01200</td>
<td>219.50</td>
</tr>
</tbody>
</table>

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>FLOOD</th>
<th>SPOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance</td>
<td>Beam Diameter</td>
</tr>
<tr>
<td>60’ (18.3m)</td>
<td>8.0’ (2.4m)</td>
</tr>
<tr>
<td>80’ (24.4m)</td>
<td>10.0’ (3.0m)</td>
</tr>
<tr>
<td>100’ (30.5m)</td>
<td>12.0’ (3.7m)</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
ARRILUX 125 POCKET PAR

A powerful HMI Par fixture that can be mounted directly on a camera, held by its grip or mounted onto the ballast. A sliding yoke allows for greater flexibility when mounting the light. With a simple twist of the cylindrical lamp housing, the stream of light can be adjusted from spot to flood, with beam angles ranging from 5° to 50°. With the four additional auxiliary lenses that are included allows even more lighting control.

FEATURES

- Powerful HMI PAR fixture that can be mounted directly on a camera or the ballast
- Has 3” (80mm) PAR lens
- Light stream adjusts beam angles from spot to flood ranging from 5 to 50°
- Four additional auxiliary lenses that are included allows even more lighting control
- Attachments snap on without need of extra holders

SPECIFICATIONS

- Lampholder: GZX 9.5
- Lens Diameter: 3” (80mm)
- Mounting: 5/8” (16mm) stand mount
- Weight: 2 lbs (0.9kg)
- Dimensions: 5 x 7 x 10.2” (WHD) (127x178x259mm)

PHOTOMETRICS

### SUPER SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>0.4” (0.1m)</td>
<td>11,592</td>
<td>124,729</td>
<td>90</td>
</tr>
<tr>
<td>10’ (3m)</td>
<td>0.9” (0.3m)</td>
<td>2989</td>
<td>32,000</td>
<td>32%</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>1.3” (0.4m)</td>
<td>1288</td>
<td>15,000</td>
<td>22.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>1.7” (0.5m)</td>
<td>725</td>
<td>8000</td>
<td>16%</td>
</tr>
</tbody>
</table>

### SUPER WIDE

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>4.7” (1.4m)</td>
<td>256</td>
<td>2800</td>
<td>11</td>
</tr>
<tr>
<td>10’ (3m)</td>
<td>9.3” (2.8m)</td>
<td>64</td>
<td>700</td>
<td>5.6</td>
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<tr>
<td>15’ (4.6m)</td>
<td>14” (4.3m)</td>
<td>28</td>
<td>310</td>
<td>4</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>18.7” (5.7m)</td>
<td>16</td>
<td>180</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1Foot candle = 10.76 lux.
*F-stops provided as a general guide only.
**With ISO 100 film @ 1/8 sec.

To increase brightness, use maximum wattage lamps; focus the light towards the “spot” position; move the light closer; select a more light-emitting front screen for the Rifa-lite or other manufacturer lightbank; remove the manufacturer’s lightbank’s interior baffle.
ARRILUX 125 POCKET PAR KITS

**Arrilux 125 Pocket Par AC Kit** (501950)
Consists of:
1- 501300 Arrilux 125 Pocket Par
1- 501310 Barndoor
1- 501325 Lens Set (Spot, Wide, Super Wide, Frosted Fresnel)
1- 501201 25’ Head/Ballast Cable
1- 501321 CTO Glass Filter
1- 501358 6˝ Chimera Ring
1- 501359 Chimera Video Pro Bank, XXS
Weight: 28 lbs. (12.7kg).
Item # ARPP125ACK .................................................................3214.50

**Arrilux 125 Pocket Par DC Kit** (501956)
Consists of:
1- 501300 Arrilux 125 Pocket Par
1- 501310 Barndoor
1- 501325 Lens Set (Spot, Wide, Super Wide, Frosted Fresnel)
1- 501201 25’ Head/Ballast Cable
1- 501321 CTO Glass Filter
1- 501358 6˝ Chimera Ring
1- 501359 Chimera Video Pro Bank, XXS
1- 501363 Chimera Adapter Bracket
1- 501361 Ballast Mounting Bracket
1- 501200 CTO Glass Filter
1- 501358 6˝ Chimera Ring
1- 501359 Chimera Video Pro Bank, XXS
Weight: 27 lbs. (12.2kg).
Item # ARPP125DC .................................................................3448.95

**Arrilux 125 Pocket Par AC/DC Kit** (501952)
Consists of:
1- 501300 Arrilux 125 Pocket Par
1- 501310 Barndoor
1- 501325 Lens Set (Spot, Wide, Super Wide, Frosted Fresnel)
1- 501201 25’ Head/Ballast Cable
1- 501321 CTO Glass Filter
1- 501358 6˝ Chimera Ring
1- 501359 Chimera Video Pro Bank, XXS
1- 501363 Chimera Adapter Bracket
1- 501361 Ballast Mounting Bracket
1- 501200 CTO Glass Filter
1- 501358 6˝ Chimera Ring
1- 501359 Chimera Video Pro Bank, XXS
1- 501245 125W HMI Lamp
1- 501363 Chimera Adapter Bracket
1- 501361 Ballast Mounting Bracket
1- 501200 CTO Glass Filter
1- 501358 6˝ Chimera Ring
1- 501359 Chimera Video Pro Bank, XXS
Weight: 31 lbs. (14.1kg).
Item # ARPP125ACDCK ............................................................4079.95

**Flex Light**
Flex Light Collector Lens (501380)
Item # ARFLCLPP125 ......179.95
Flex Light Front Lens (501381)
Item # ARFLFLPP125 ......607.50
Flex Light 1.5m Liquid Optic Tube (501382)
Item # ARFLOT1.5PP1 ......1274.95
Flex Light 3m Liquid Optic Tube (501383)
Item # ARFLOT3PP1 ......2124.95
Flex Light Wide Lens (501384)
Item # ARFLWLPP125 ......89.95
Flex Spot Lens (501386)
Item # ARFLSLPP125 ......89.95
Flex Light Super Wide Lens (501388)
Item # ARFLSWLPP125 ......89.95
Flex Light Accessory Holder (501390)
Item # ARFLAHPP125 ......17.95
Flex Light 1/8 CTO (501389)
Item # ARFL18PP125 ......53.95
Flex Light 1/4 CTO (501393)
Item # ARFL25PP125 ......53.95
Flex Light 1/2 CTO (501392)
Item # ARFL5PP125 ......53.95
Flex Light 3/4 CTO (501391)
Item # ARFL75PP125 ......53.95
Flex Light Mounting Adapter (501394)
Item # ARFMMAPP125 ......62.95
Case for Flex Light System (501938)
Item # ARFLKAPP125 ......314.95

**Pattern Projection Lenses**
75mm Pattern Projection Lens (501370)
Item # ARPLP75PP125 ......1317.50
100mm Pattern Projection Lens (501371)
Item # ARPL100PP12 ......1317.50
150mm Pattern Projection Lens (501372)
Item # ARPL150PP12 ......1124.95
200mm Pattern Projection Lens (501373)
Item # ARPL200PP12 ......1317.50
Pattern Holder (501374)
Item # ARPHPP125 ......47.50
ARRILUX 200 POCKET PAR

Arrilux 200 Pocket Par (502500)
Item # ARPP200 ......... 1423.95
125/200W Electronic Ballast (502806)
Item # ARBEP125 ........ 1018.95
125/200W DC Electronic Ballast (502808)
Item # ARBEDCHF125 .. 1018.95
25´ Head/Ballast Cable (502201)
Item # ARC25HF200 ...... 159.95
50´ Head/Ballast Cable (502202)
Item # ARC50HF200 ...... 179.95
200W Single-Ended HMI Lamp
Item # GBHS200 .............. 199.95
Pocket Par 200 AC Kit
(502960)
Consists of:
1- Pocket Par 200 Head
1- 25´ Head/Ballast Cable
1- Four-Leaf Barndoor
1- Four Lens Set
1- Lens Bag
1- 200W SE HMI Lamp
1- 5˝ Full Single Scrim
1- 5˝ Full Double Scrim
1- Chimera Lantern Adapter
1- Chimera Speed Ring
1- Chimera Video Pro Bank XS
1- Hand Grip
1- Lighthouse Assembly,
Lighthouse Stirrup
1- Shutter
1- 125/200 Electronic Ballast
1- Case, Pocket Par/Lite
200 system
Item # ARPP200ACK .... 3426.50
Pocket Par 200 Lighthouse Kit
(502966)
Consists of:
1- Pocket Par 200 Head
1- 25´ Head/Ballast Cable
1- Four-Leaf Barndoor
1- Four Lens Set
1- Lens Bag
1- 200W SE HMI Lamp
1- 5˝ Full Single Scrim
1- 5˝ Full Double Scrim
1- Chimera Lantern Adapter
1- Chimera Speed Ring
1- Chimera Video Pro Bank XS
1- Hand Grip
1- Lighthouse Assembly,
Lighthouse Stirrup
1- Shutter
1- 125/200 Electronic Ballast
1- Case, Pocket Par/Lite
200 system
Item # ARPP200LHACK .. 3999.95
Pocket Par 200 AC/DC Kit
(502961)
Item # ARPP200ACDCK .... 4349.95
Pocket Par 200 Lighthouse AC/DC Kit
(502967)
Item # ARPP200LHADK .. 4894.95

POCKET PAR 200 KITS

PHOTO METRICS

SUPER SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>1´ (0.3m)</td>
<td>4698</td>
<td>50,550</td>
<td>45.5</td>
</tr>
<tr>
<td>15´ (4.6m)</td>
<td>1.6´ (0.5m)</td>
<td>2088</td>
<td>22,467</td>
<td>36.5</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>2.1´ (0.6m)</td>
<td>1175</td>
<td>12,634</td>
<td>22.5</td>
</tr>
</tbody>
</table>

SUPER WIDE

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>8.2´ (2.5m)</td>
<td>179</td>
<td>1926</td>
<td>11</td>
</tr>
<tr>
<td>15´ (4.6m)</td>
<td>12.3´ (3.7m)</td>
<td>80</td>
<td>861</td>
<td>5.65</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>16.4´ (5.0m)</td>
<td>45</td>
<td>404</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549

446
For fast news gathering or field productions where portability is the key, the Pocket Lite is ARRI’s solution for a lensless daylight fixture. Using the same lamp housing as the Pocket Par, a high quality textured, low heat dichroic reflector is added to provide a flexible solution for fast set up and operation. The result—a diffused reflected light with a powerful even beam. A unique focus mechanism provides an extremely smooth field with an unmatched focus range.

### Pocket Lite 200

<table>
<thead>
<tr>
<th>Pocket Lite 200 (502501)</th>
<th>Item # ARPL200.............1289.95</th>
</tr>
</thead>
<tbody>
<tr>
<td>125/200W Electronic Ballast (502806)</td>
<td>Item # ARBEPP125...........1018.95</td>
</tr>
<tr>
<td>125/200W DC Electronic Ballast (502808)</td>
<td>Item # ARBEDCHF125.....1018.95</td>
</tr>
</tbody>
</table>

25’ Head/Ballast Cable (502021) | Item # AR25PL200.............159.95 |

50’ Head/Ballast Cable (502022) | Item # AR50HF200.............179.95 |

200W Single-Ended HMI Lamp | Item # GBHS200.............199.95 |

### Pocket Lite 200 Kits

**Pocket Lite 200 AC Kit** (502962) Consists of:
- Pocket Lite 200 Head
- 25’ Head/Ballast Cable
- Four-Leaf Barndoor
- Four Lens Set
- Lens Bag
- 200W SE HMI Lamp
- 5” Full Single Scrim
- 5” Full Double Scrim

**Pocket Lite 200 AC/DC Kit** (502963) All of the above plus:
- 125/200 Electronic Ballast.

**Pocket Lite 200 Lighthouse Kit** (502968) Consists of:
- Pocket Lite 200 Head
- 25’ Head/Ballast Cable
- Four-Leaf Barndoor
- 200W SE HMI Lamp
- 5” Full Single Scrim
- 5” Full Double Scrim
- 3/4 CTO Glass Filter
- Chimera Lantern Adapter
- Chimera Speed Ring
- Chimera Video Pro Bank XS
- H and Grip
- Lighthouse Assembly, Lighthouse Stirrup

**Pocket Lite 200 Lighthouse AC/DC Kit** (502969) All of the above plus:
- 125/200 Electronic Ballast.

### Pocket Lite 200 Photometrics

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>11.4” (3.5m)</td>
<td>758</td>
<td>8156</td>
<td>16.5</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>17.1” (5.2m)</td>
<td>337</td>
<td>3626</td>
<td>11</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>22.9” (7.0m)</td>
<td>189</td>
<td>2034</td>
<td>8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Enjoy the freedom to apply superior light output where higher wattages lights were previously required. The low heat Pocket Pars are ideal where space is limited and for close up or more difficult, confined set-ups. For general production performance, the superb punch that the Pocket Par provide offers the ability to help create your desired effect successfully, whether lighting directly or using reflectors. ARRI’s custom designed dichroic glass faceted reflector and matching spread lenses ensure maximum beam control in all situations. A wide variety of perfectly fitting accessories are at hand to create innumerable lighting design applications.

Arrilux 400 Pocket Par
Item # ARPP400 ..........1347.50
400/575W M/V Electronic Ballast (504806) Item # ARBEP400 ........1798.95
400/575W Electronic Ballast with DMX Control (504807) Item # ARBEDPP400 ...2194.50
25’ Head/Ballast Cable (504502) Item # ARC25PP400 ..........223.50
50’ Head/Ballast Cable (504503) Item # ARC50PP400 ..........259.95
400W Single-Ended HMI Lamp Item # GBHS400 ............219.95
200/400W 24-30V DC Ballast (504808) Item # ARBDCPP400 ....1629.95
Four-Leaf Barndoor (531610) Item # ARBDPP400 ..........53.95
Five Lens Set (502325) Spot, Medium, Wide, Super Wide, Frosted. Item # ARLSPP400 ........599.95
Lens Bag (502323) Item # ARLBPP400 ..........22.95
6½” Full Single Scrim (531650) Item # ARSFSP400 ..........9.95
6½” Full Double Scrim (531652) Item # ARSFDP400 ........12.50
6½” Full Triple Scrim (531654) Item # ARSFTPP400 ..........15.95
Scrim Bag (571712) Item # ARSBPP400 ..........19.95
3/4” CTO Glass Filter (504521) Item # ARGF.75PP400 ....109.50
Pocket Par 400 AC Kit (504960) Consists of:
1- Pocket Par 400 Head
1- 25’ Head/Ballast Cable
1- Four-Leaf Barndoor
1- Five Lens Set
1- Lens Bag
1- 400W SE HMI Lamp
1- 6½” Full Single Scrim
1- 6½” Full Double Scrim
1- 6½” Full Triple Scrim
1- Chimera Lantern Adapter
1- Chimera Speed Ring
1- Chimera Video Pro Bank XS
1- Hand Grip
1- 400/575W Electronic Ballast
1- Case, Pocket Par/Lite 400
Item # ARPP400ACK ....4444.95
Pocket Par 400 AC/DC Kit (504967) All of the above plus:
1- 200/400W DC Electronic Ballast.
1- 400/575W Electronic Ballast
1- Chimera Video Pro Bank XS
1- Hand Grip
1- Lighthouse Assembly, Lighthouse Stirrup
1- Shutter
1- 400/575 Electronic Ballast
1- Case, Pocket Par/Lite 400 system
Item # ARPP400LHACK ..5119.95
Pocket Par 400 Lighthouse AC/DC Kit (504968) All of the above plus:
1- 200/400W DC Electronic Ballast.
1- Chimera Lantern Adapter
1- Chimera Speed Ring
1- Chimera Video Pro Bank XS
1- Hand Grip
1- Lighthouse Assembly, Lighthouse Stirrup
1- Shutter
1- Chimera Lamp Adapter
1- Chimera Video Pro Bank XS
1- Chimera Video Pro Bank XS
1- Hand Grip
1- 400/575W Electronic Ballast
1- Case, Pocket Par/Lite 400
Item # ARPP400LHADK ..7098.95

PHOTO METRICS

SUPER SPOT

Distance | Beam Diameter | Footcandles | Lux | F-Stop
--- | --- | --- | --- | ---
10’ (3.0m) | 1’ (0.3m) | 11,500 | 123,740 | 64
15’ (4.6m) | 1.6’ (0.5m) | 5111 | 54,994 | 45.5
20’ (6.1m) | 2.1’ (0.6m) | 2875 | 30,935 | 45

SUPER WIDE

Distance | Beam Diameter | Footcandles | Lux | F-Stop
--- | --- | --- | --- | ---
10’ (3.0m) | 5.9’ (1.8m) | 550 | 5918 | 16.5
15’ (4.6m) | 8.9’ (2.7m) | 244 | 2625 | 11
20’ (6.1m) | 11.8’ (3.6m) | 138 | 1485 | 8.5

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
For fast news gathering or field productions where portability is the key, the Pocket Lite is ARRI’s solution for a lensless daylight fixture. Using the same lamp housing as the Pocket Par, a high quality textured, low heat dichroic reflector is added to provide a flexible solution for fast set up and operation. The result – a diffused reflected light with a powerful even beam. A unique focus mechanism provides an extremely smooth field with an unmatched focus range.

**Pocket Lite 400**

Pocket Lite 400 (504501)
Item # ARPL400 .................. 1347.50

400/575W M/V Electronic Ballast (504806)
Item # ARBEPP400 ............ 1798.95

400/575W Electronic Ballast with DMX Control (504807)
Item # ARBEDPP400 .......... 2194.50

25’ Head/Ballast Cable (504502)
Item # ARC25PL400 ......... 223.50

50’ Head/Ballast Cable (504503)
Item # ARC50PL400 .......... 259.95

400W Single-Ended HMI Lamp
Item # GBHS400 ............. 219.95

**ACCESSORIES**

Four-Leaf Barndoor (531610)
Item # ARBDPL400 ............. 53.95

Five Lens Set (502325)
Spot, Medium, Wide, Super Wide, Frosted.
Item # ARLSPL400 ............. 599.95

Lens Bag (502323)
Item # ARLBL400 ............. 22.95

6½” Full Single Scrim (531650)
Item # ARSFPL400 ............. 9.95

6½” Full Double Scrim (531652)
Item # ARSFDP400 ............. 12.50

6½” Full Triple Scrim (531654)
Item # ARSFTP400 ............. 15.95

Scrim Bag (571712)
Item # ARSBPL400 ............. 19.95

3/4” CTO Glass Filter (504521)
Item # ARGF.75PL400 ........ 109.50

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Spot Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
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<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>3.0´ (0.9m)</td>
<td>1625</td>
<td>17,496</td>
<td>22.8</td>
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<tr>
<td>15´ (4.6m)</td>
<td>4.5´ (1.4m)</td>
<td>722</td>
<td>7769</td>
<td>16.5</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>6.0´ (1.9m)</td>
<td>406</td>
<td>4368</td>
<td>11.5</td>
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**FLOOD**

<table>
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<th>Flood Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>18.3´ (5.6m)</td>
<td>150</td>
<td>1614</td>
<td>8.5</td>
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<td>15´ (4.6m)</td>
<td>27.5´ (8.4m)</td>
<td>67</td>
<td>721</td>
<td>5.65</td>
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<td>20´ (6.1m)</td>
<td>36.7´ (11.2m)</td>
<td>38</td>
<td>387</td>
<td>4.5</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
COMPACT HMI 125W

An extremely small and lightweight HMI fixture with a fresnel lens. The light can be focused by moving the lamp back and fourth just like tungsten fresnel lights. This light offers a soft even field of light and can be used as a fill or accent light. It uses a 125-watt single ended HMI lamp and produces beam angles of 8° in the spot position and 59° in the flood position. The 125-watt fresnel has a 3.1˝ (80mm) lens. This light mounts to any lightstand that has a 5/8˝ (16mm) male stud. HMI lamps must be purchased separately.

COMPACT HMI 125W

- 4-Leaf Barndoor (531310)
  Item # ARBD4HF125.............44.95
- Filter Frame (531320)
  Item # ARFFHF125.............18.95
- Snoot (531330)
  Item # ARSHF125 ..............53.95
- Scrim Bag (571711)
  Item # ARSBF150...............18.95
- 5˝ (12.7cm) Full Single Scrim (531350)
  Item # ARSFSH125.............9.95
- 5˝ (12.7cm) Half Single Scrim (531351)
  Item # ARSHTH125.............9.95

ACCESSORIES

- 5˝ (12.7cm) Full Double Scrim (531352)
  Item # ARSFDHF125..............11.40
- Snoot (531330)
  Item # ARSHF125 ..............53.95
- 5˝ (12.7cm) Full Triple Scrim (531354)
  Item # ARSFTFH125.............14.95
- Full Single Scrim (531350)
  Item # ARSFSH125.............9.95
- 5˝ (12.7cm) Half Single Scrim (531351)
  Item # ARSHTH125.............9.95

PHOTO METRICS

FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>5.7˝ (2.5m)</td>
<td>324</td>
<td>3500</td>
<td>11½</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>11.3˝ (2.5m)</td>
<td>81</td>
<td>900</td>
<td>5.6%</td>
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<tr>
<td>15’ (4.6m)</td>
<td>17˝ (3.8m)</td>
<td>36</td>
<td>360</td>
<td>4%</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>22.6˝ (5.1m)</td>
<td>20</td>
<td>220</td>
<td>2.8%</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>0.7˝ (0.2m)</td>
<td>1872</td>
<td>20,500</td>
<td>32</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>1.4˝ (0.4m)</td>
<td>468</td>
<td>5100</td>
<td>16</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>2.1˝ (0.6m)</td>
<td>208</td>
<td>2200</td>
<td>8%</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>2.8˝ (0.9m)</td>
<td>117</td>
<td>1250</td>
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For Ballast Specifications, see pages 467-468
**COMPACT HMI 200W**

**The Compact HMI 200W**

- **Lamp Holder:** GZX 9.5 High Voltage.
- **Lens Diameter:** 4.3˝ (110mm).
- **Mounting:** 5/8˝ (16mm) stand mount.
- **Weight:** 5.5 lbs. (2.5kg)
- **Dimensions:** 8 x 13.25 x 7.5˝ (WHD) (203x337x190mm)

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
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<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>5.2’ (1.6m)</td>
<td>360</td>
<td>3900</td>
<td>11.5</td>
</tr>
<tr>
<td>10’ (3m)</td>
<td>10.4’ (3.2m)</td>
<td>90</td>
<td>1000</td>
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<tr>
<td>15’ (4.6m)</td>
<td>15.6’ (4.8m)</td>
<td>40</td>
<td>450</td>
<td>4.6</td>
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<tr>
<td>20’ (6.1m)</td>
<td>20.8’ (6.3m)</td>
<td>23</td>
<td>260</td>
<td>2.8</td>
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<tr>
<td>25’ (7.6m)</td>
<td>26’ (7.9m)</td>
<td>14</td>
<td>140</td>
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<table>
<thead>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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<tr>
<td>5’ (1.5m)</td>
<td>0.73’ (0.2m)</td>
<td>3024</td>
<td>3300</td>
<td>32</td>
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<td>1.4’ (0.4m)</td>
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<td>8500</td>
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<td>15’ (4.6m)</td>
<td>2.2’ (0.7m)</td>
<td>336</td>
<td>3600</td>
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<td>20’ (6.1m)</td>
<td>2.9’ (0.9m)</td>
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<td>2150</td>
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</tr>
<tr>
<td>25’ (7.6m)</td>
<td>3.6’ (1.1m)</td>
<td>121</td>
<td>1350</td>
<td>8</td>
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</table>

**ACCESSORIES**

- **4-Leaf Barndoor** (531610)
  - Item # ARBD4HF200........... 53.95
- **Filter Frame**
  - Item # ARFFHF200............ 18.95
- **65/8˝ (16.8cm) Full Single Scrim**
  - Item # ARSFSHF200 ............ 9.95
- **65/8˝ (16.8cm) Half Single Scrim**
  - Item # ARSHSHF200 ........... 9.95
- **65/8˝ (16.8cm) Full Double Scrim**
  - Item # ARSFDHF200........... 12.50
- **65/8˝ (16.8cm) Half Double Scrim**
  - Item # ARSHDHF200........... 12.50
- **65/8˝ (16.8cm) Full Triple Scrim**
  - Item # ARSFTHF200 ........... 15.95
- **65/8˝ (16.8cm) Half Triple Scrim**
  - Item # ARSHTHF200 ........... 15.95
- **200W Single-Ended HMI Lamp**
  - Item # GBH5200.......... 199.95

**SYSTEMS**

- **HMI Fresnel 200W with Electronic Ballast (AC) KIT**
  - Consists of:
    1. HMI Fresnel 200W
    2. 25’ Head/Ballast Cable
    3. 4-Leaf Barndoor
    4. Filter Frame
    5. 125/200w Electronic Ballast (M/V)
  - Item # ARHF200EK .......... 2178.95

- **HMI Fresnel 200W with Electronic Ballast (DC) KIT**
  - Consists of:
    1. HMI Fresnel 200W
    2. 25’ Head/Ballast Cable
    3. 4-Leaf Barndoor
    4. Filter Frame
    5. 125/200W (DC) Electronic Ballast (24/30v)
  - Item # ARHF200EDCK .. 2178.95

**LIGHTING TIP**

Got some flicker? Check that a double-ended lamp is horizontal. Also, flicker can be a sign that the voltage is too high. This may mean either a line voltage or ballast problem.
The Compact HMI 575W uses a single ended lamp and its small size and weight makes it an excellent choice for location production, with no compromise in light output. Its short focal length lens provides a smooth, even field and wide flood/spot ratio. The extruded aluminum housing with lightweight front and back die-cast castings offers both size and weight reductions over housings made by other companies. HMI lamps must be purchased separately.

**COMPACT HMI 575W**

**FEATURES**
- Small size and light weight makes an excellent choice for location production
- Short focal length lens provides a smooth, even field and wide flood/spot ratio
- Has 5.1” (130mm) Fresnel lens

**SPECIFICATIONS**
- Lampholder: G38 High Voltage
- Lens: 5.1” (130mm)
- Mounting: 5/8” (16mm) or 1 1/8” (29mm) stand mount
- Weight: 17.5 lbs. (7.9kg)
- Dimensions: 13 x 17 x 10” (WHD)

**SYSTEMS**
Compact HMI 575W/Electronic Ballast System
Includes:
- 1- HMI 575W lamphead
- 1- Barndoor
- 1- Filter Frame
- 1- 50’ Head/Ballast Cable
- 1- 575/1200W Electronic Ballast

**ACCESSORIES**

4-Leaf Barndoor (531110)
Item # ARBD4CH575 ........ 67.50
8-Leaf Barndoor (531115)
Item # ARBD8CH575 ........ 84.50
Filter Frame (531120)
Item # ARFFCH575 .......... 21.95
Snoot (531130)
Item # ARSF1K ............... 89.95
7 1/4” (19.7cm) Full Single Scrim (531150)
Item # ARSFSCH575 .......... 9.95
7 1/4” (19.7cm) Half Single Scrim (531151)
Item # ARSHSCH575 .......... 9.95
7 1/4” (19.7cm) Full Double Scrim (531152)
Item # ARSFDCH575 .......... 12.50
7 1/4” (19.7cm) Half Double Scrim (531153)
Item # ARSHDCH575 .......... 12.50
7 1/4” (19.7cm) Full Triple Scrim (531154)
Item # ARSFTCH575 .......... 17.95

**PHOTOMETRICS**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
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<tbody>
<tr>
<td>10’ (3m)</td>
<td>11.1’ (3.4m)</td>
<td>300</td>
<td>3228</td>
<td>11.8</td>
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<tr>
<td>15’ (4.6m)</td>
<td>16.6’ (5.1m)</td>
<td>133</td>
<td>1431</td>
<td>8.8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>22.2’ (6.8m)</td>
<td>75</td>
<td>807</td>
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<tr>
<td>25’ (7.6m)</td>
<td>27.7’ (8.4m)</td>
<td>48</td>
<td>516</td>
<td>5.6</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>33.3’ (10.1m)</td>
<td>33</td>
<td>355</td>
<td>4.5</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>1’ (0.3m)</td>
<td>2500</td>
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<tr>
<td>15’ (4.6m)</td>
<td>1.6’ (0.5m)</td>
<td>1111</td>
<td>11,854</td>
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<tr>
<td>20’ (6.1m)</td>
<td>2.1’ (0.6m)</td>
<td>625</td>
<td>6725</td>
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<td>25’ (7.6m)</td>
<td>2.6’ (0.8m)</td>
<td>400</td>
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<tr>
<td>30’ (9.1m)</td>
<td>3.2’ (1.1m)</td>
<td>278</td>
<td>2991</td>
<td>11.5</td>
</tr>
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</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

For Ballast Specifications, see pages 467-468

www.bhphotovideo.com
The reduced size of the compact HMI 1200W makes it an easily transportable HMI light that is interchangeable with both types of ballasts and head/ballast cables used by the compact HMI 575W. This makes it a very versatile fixture when using multiple lights with different wattage. The 1200 has a 6.9” (175mm) short focal length lens providing a smooth, even field of light. Beam angles for the 1200 are 6° in the spot position and 58° in the flood position. HMI lamps must be purchased separately.

**Features**
- Compact, reduced size makes for easy transporting
- Versatile fixture when using multiple lights with different wattage
- Has a 6.9” (175mm) short focal length fresnel lens

**Specifications**
- **Lampholder:** G22 High Voltage.
- **Lens:** 6.9” (175mm).
- **Mounting:** 5/8” (16mm) or 1 1/8” (29mm) stand mount.
- **Weight:** 22 lbs. (10kg)
- **Dimensions:** 16 x 22.25 x 13” (WHD) (406x565x330mm)

**Systems**
Compact HMI 1200W/Electronic Ballast System
- 1 HMI 1200W lamphead
- 1 Barndoor
- 1 Filter Frame
- 1 50’ H ead/Ballast Cable
- 1 575/1200W Electronic Ballast.

**Accessories**
- **4-Leaf Barndoor** (531210)
  Item # ARBD4CH1.2K ......71.95
- **8-Leaf Barndoor** (531215)
  Item # ARBD8CH1.2K ......95.95
- **Filter Frame** (531220)
  Item # ARFFCH1.2K ..........28.50
- **9˝ (22.9cm) Full Single Scrim** (531250)
  Item # ARSFSCH1.2K ........14.95
- **9˝ (22.9cm) Half Single Scrim** (531251)
  Item # ARSCH1.2K ..........14.95
- **9˝ (22.9cm) Full Double Scrim** (531252)
  Item # ARSFDCH1.2K .........16.95
- **9˝ (22.9cm) Half Double Scrim** (531253)
  Item # ARSHDCH1.2K .........16.95
- **Scrim Bag** (571714)
  Item # ARSBCH1.2K ...........24.50

**Photo Metrics**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>11” (3.4m)</td>
<td>1250</td>
<td>13,450</td>
<td>22.8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>22.2” (6.8m)</td>
<td>313</td>
<td>3367</td>
<td>16</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>27.7” (8.4m)</td>
<td>200</td>
<td>2152</td>
<td>11</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>33.3” (10.1m)</td>
<td>139</td>
<td>1495</td>
<td>8.8</td>
</tr>
<tr>
<td>35’ (10.7m)</td>
<td>38.8” (11.9m)</td>
<td>102</td>
<td>1097</td>
<td>8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The 9.9˝ (250mm) lens on the Compact HMI 2500W is a light with a smooth even field. Beam angles are 7° in the spot position and 60° in the flood position. The light itself has a wide spot/flood ratio. The Compact HMI 2500W is small enough for location production and large enough for studio work. This light can be mounted to a studio stand that has a 11⁄8˝ (29mm) female receiver. HMI lamps must be purchased separately.

**SYSTEMS**

Compact HMI 2500W Electronic Ballast System

Includes:
- 1- HMI 2500W lamphead
- 1- Barndoor
- 1- Filter Frame
- 1- 50´ Head/Ballast Cable
- 1- 2500/4000W Electronic Ballast.

**PHOTO-METRICS**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>23.1˝ (7m)</td>
<td>394</td>
<td>4239</td>
<td>16</td>
</tr>
<tr>
<td>25´ (7.6m)</td>
<td>28.9˝ (8.8m)</td>
<td>252</td>
<td>2711</td>
<td>11.5</td>
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<tr>
<td>30´ (9.1m)</td>
<td>34.6˝ (10.6m)</td>
<td>175</td>
<td>1883</td>
<td>11</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>46.2˝ (14.1m)</td>
<td>98</td>
<td>1054</td>
<td>8</td>
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<tr>
<td>50´ (15.2m)</td>
<td>57.7˝ (17.6m)</td>
<td>63</td>
<td>678</td>
<td>5.65</td>
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**SPOT**

<table>
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<tr>
<th>Distance</th>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
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<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>2.4˝ (0.7m)</td>
<td>3750</td>
<td>40,350</td>
<td>45.5</td>
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<td>25´ (7.6m)</td>
<td>3.1˝ (0.9m)</td>
<td>2400</td>
<td>25,824</td>
<td>36.8</td>
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<td>30´ (9.1m)</td>
<td>3.7˝ (1.1m)</td>
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<td>17,926</td>
<td>36</td>
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<tr>
<td>40´ (12.2m)</td>
<td>4.9˝ (1.5m)</td>
<td>938</td>
<td>10,092</td>
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<tr>
<td>50´ (15.2m)</td>
<td>6.1˝ (1.9m)</td>
<td>600</td>
<td>6456</td>
<td>16.8</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The 11.8˝ (300mm) lens on the compact HMI 4000W is a light with a smooth even field. Beam angles are 7° in the spot position and 60° in the flood position. The light itself has a wide spot/flood ratio. Even though this light is the largest of the compact HMI series, it is still small enough for location production and large enough for studio work. This light can only be mounted to a studio stand that has a 1¾˝ (29mm) female receiver. HMI lamps must be purchased separately.

**COMPACT HMI 4000W**

- **Compact HMI 4000W** (540205)
  - Item # ARCH4K ............3998.50
- **2500/4000W**
  - **Electronic Ballast** (540814)
    - Item # ARBECCH 2.5K ......5409.50
- **25´ Head/Ballast Cable** (525203)
  - Item # ARC25CH 4K ......293.95

**ACCESSORIES**

- **4-Leaf Barndoor** (532510)
  - Item # ARBD4CH4K ........98.95
- **8-Leaf Barndoor** (532515)
  - Item # ARBD8CH4K .......119.95
- **Filter Frame** (532520)
  - Item # ARFFCH4K .........42.95
- **Snoot** (532530)
  - Item # ARSSF5K ...........138.50
- **1½˝ (39.4cm) Full Single Scrim** (532550)
  - Item # ARSFSC4K ........22.95
- **1½˝ (39.4cm) Half Single Scrim** (532551)
  - Item # ARSHSC4K ........22.95
- **1½˝ (39.4cm) Full Double Scrim** (532552)
  - Item # ARSFDC4K ........24.95
- **1½˝ (39.4cm) Half Double Scrim** (532553)
  - Item # ARSHDC4K ........24.95
- **Scrim Bag** (571716)
  - Item # ARSBCH4K .........26.50

**PHOTOMETRICS**

### FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
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<tbody>
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<td>23.1˝ (7m)</td>
<td>437</td>
<td>4702</td>
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</tr>
<tr>
<td>25´ (7.6m)</td>
<td>28.9˝ (8.8m)</td>
<td>280</td>
<td>3013</td>
<td>11</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>34.6˝ (10.6m)</td>
<td>195</td>
<td>2098</td>
<td>8</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>46.2˝ (14.3m)</td>
<td>110</td>
<td>1184</td>
<td>5.65</td>
</tr>
<tr>
<td>50´ (15.2m)</td>
<td>57.7˝ (17.6m)</td>
<td>70</td>
<td>753</td>
<td>5.6</td>
</tr>
</tbody>
</table>

### SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>2.4˝ (0.7m)</td>
<td>5313</td>
<td>57,167</td>
<td>64</td>
</tr>
<tr>
<td>25´ (7.6m)</td>
<td>3.1˝ (0.9m)</td>
<td>3400</td>
<td>36,584</td>
<td>64</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>3.7˝ (1.1m)</td>
<td>2362</td>
<td>25,415</td>
<td>36.5</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>4.9˝ (1.5m)</td>
<td>1328</td>
<td>1289</td>
<td>36</td>
</tr>
<tr>
<td>50´ (15.2m)</td>
<td>6.1˝ (1.9m)</td>
<td>850</td>
<td>9146</td>
<td>22</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The 6000W features a 16.7˝ (425mm) shock mounted Fresnel lens that offers ideal light distribution. Beam angles are 6° in the spot position and 58° in the flood position. The housing is constructed of ribbed aluminum allowing lower operating temperatures and extending bulb life. The ignition circuit is located outside the lamp housing protecting it from excess heat. This light can only be mounted to a studio stand that has a 1 1/8˝ (29mm) female receiver. HMI lamps must be purchased separately.

**COMPACT HMI 6000W FEATURES**
- Has a 19.7˝ (500mm) shock mounted fresnel lens
- Ribbed aluminum housing
- Ignition circuit is located outside the lamp protecting it from excess heat
- Mounts only to a stand with 1 1/8˝ female receiver

**SPECIFICATIONS**
- Lampholder: G38 High Voltage.
- Lens: 16.7˝ (425mm).
- Mounting: 1 1/8˝ (29mm) stand mount.
- Weight: 72 lbs. (32.7kg)
- Dimensions: 29 x 37.75 x 21˝ (W x H x D) (737 x 959 x 533mm)

**PHOTOMETRICS**
- Distance Beam Diameter Footcandles Lux F-Stop*
  - 20´ (6.1m) 22.2´ (6.8m) 663 7134 22
  - 30´ (9.1m) 33.3´ (10.1m) 294 3163 16
  - 40´ (12.2m) 44.3´ (13.5m) 166 1786 8.8
  - 50´ (15.2m) 55.4´ (16.9m) 106 1141 8
  - 60´ (18.3m) 66.5´ (20.3m) 74 796 5.65
  - 25´ (7.6m) 22.2´ (6.8m) 1006 10,553 22
  - 30´ (9.1m) 33.3´ (10.1m) 313 3678 16
  - 40´ (12.2m) 44.3´ (13.5m) 192 2867 8.8
  - 50´ (15.2m) 55.4´ (16.9m) 127 1890 8
  - 60´ (18.3m) 66.5´ (20.3m) 71 1336 5.65

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**COMPACT HMI 6000W**
- Compact HMI 6000W (560205)
  - Item # ARCH6K.............7055.95
- 6000W Electronic Ballast 220V (560806)
  - Item # ARBEC6H K........6663.95
- 6000/12000W Electronic Ballast (560810)
  - Item # ARBEC6KQ.........8035.95

For Ballast Specifications, see pages 467-468

**ACCESSORIES**
- Case for Lamphead (560805)
  - Item # ARCC6H.............667.95
- Case for 6000W Electronic Ballast (560921)
  - Item # ARCEBC6H.........457.95

**SYSTEMS**
- Compact HMI 6000W/ Electronic Ballast System
  - Includes: 1 × HMI 6000W lamphead
  - 1 × Barndoor
  - 1 × Filter Frame
  - 1 × 50´ Head/Ballast Cable
  - 1 × 6000W Electronic Ballast
  - Item # ARCH6KEK........14,659.95

**PHOTOGRAPHIC SYSTEMS**
- Compact HMI 6000W System
  - Includes: 1 × HMI 6000W lamphead
  - 4 × Barndoors
  - 1 × Filter Frame
  - 1 × Full Single Scrim
  - 1 × Half Single Scrim
  - 1 × Full Double Scrim
  - 1 × Half Double Scrim
  - 1 × Scrim Bag
  - Item # ARCC6K.............676.95
The 12000/18000 watt HMI fresnel features a 24.6” (635mm) lens that offers ideal light distribution. Beam angles are 7 degrees in the spot position and 60 degrees in the flood position. The housing is constructed of ribbed aluminum allowing lower operating temperatures and extending bulb life. This light can only be mounted to a studio stand that has a 1 1/8˝ (29mm) female receiver. HMI lamps must be purchased separately.

**SPECIFICATIONS**

**Lampholder:** Arri spring loaded lampholder S30.

**Lens Diameter:** 24.6” (625mm) low expansion borosilicate Fresnel lens.

**Reflector:** Spherical specular high purity aluminum.

**Mounting:** 1 1/8˝ (29mm) stand mount.

**Weight:** 154 lbs. (70kg)

**Dimensions:** 40.5 x 46.5 x 32.5˝ (WHD) (1030x1180x825mm)

The 12000/18000 watt HMI fresnel features a 24.6” (635mm) lens that offers ideal light distribution. Beam angles are 7 degrees in the spot position and 60 degrees in the flood position. The housing is constructed of ribbed aluminum allowing lower operating temperatures and extending bulb life. This light can only be mounted to a studio stand that has a 1 1/8˝ (29mm) female receiver. HMI lamps must be purchased separately.

**PHOTO METRICS WITH 12,000W LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>25’ (7.6m)</td>
<td>28.9’ (13.1m)</td>
<td>800</td>
<td>8608</td>
<td>11.8</td>
</tr>
<tr>
<td>50’ (15.2m)</td>
<td>57.7’ (26.2m)</td>
<td>200</td>
<td>2152</td>
<td>8</td>
</tr>
<tr>
<td>100’ (30.4m)</td>
<td>115.5’ (52.4m)</td>
<td>50</td>
<td>538</td>
<td>4</td>
</tr>
<tr>
<td>150’ (46.5m)</td>
<td>173.2’ (78.6m)</td>
<td>22</td>
<td>237</td>
<td>2.5</td>
</tr>
</tbody>
</table>

**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>25’ (7.6m)</td>
<td>3.1’ (0.9m)</td>
<td>12,000</td>
<td>129,120</td>
<td>64.8</td>
</tr>
<tr>
<td>50’ (15.2m)</td>
<td>6.1’ (1.9m)</td>
<td>3000</td>
<td>32,280</td>
<td>36</td>
</tr>
<tr>
<td>100’ (30.4m)</td>
<td>12.2’ (3.7m)</td>
<td>750</td>
<td>8070</td>
<td>11.8</td>
</tr>
<tr>
<td>150’ (46.5m)</td>
<td>18.4’ (8.3m)</td>
<td>333</td>
<td>3583</td>
<td>8.5</td>
</tr>
</tbody>
</table>

**PHOTO METRICS WITH 18,000W LAMP**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>25’ (7.6m)</td>
<td>28.9’ (13.1m)</td>
<td>1160</td>
<td>12,482</td>
<td>22.5</td>
</tr>
<tr>
<td>50’ (15.2m)</td>
<td>57.7’ (26.2m)</td>
<td>290</td>
<td>3120</td>
<td>11.5</td>
</tr>
<tr>
<td>100’ (30.4m)</td>
<td>115.5’ (52.4m)</td>
<td>73</td>
<td>785</td>
<td>5.6</td>
</tr>
<tr>
<td>150’ (46.5m)</td>
<td>173.2’ (78.6m)</td>
<td>32</td>
<td>344</td>
<td>4</td>
</tr>
</tbody>
</table>

**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>25’ (7.6m)</td>
<td>3.1’ (0.9m)</td>
<td>16,000</td>
<td>172,160</td>
<td>64.8</td>
</tr>
<tr>
<td>50’ (15.2m)</td>
<td>6.1’ (1.9m)</td>
<td>4000</td>
<td>43,040</td>
<td>45</td>
</tr>
<tr>
<td>100’ (30.4m)</td>
<td>12.2’ (3.7m)</td>
<td>1000</td>
<td>10,760</td>
<td>16</td>
</tr>
<tr>
<td>150’ (46.5m)</td>
<td>18.4’ (8.3m)</td>
<td>444</td>
<td>4777</td>
<td>11</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**LIGHTING TIP**

For creating a daylight color temperature from a tungsten/quartz light source, use a blue gel or dichroic filter attached to the barndoors; switch to daylight tubes on fluorescent fixtures; switch to a gold reflectors for a candlelight/sunset warming effect.

**SYSTEMS**

HMI Fresnel 12/18K with Electronic Ballast Kit Consists of:
1- 12/18K HMI Fresnel Head
1- 4-Lid Barndooe
1- Filter Frame
1- 50’ H ead/Ballast Cable
1- 12/18KW Electronic Ballast (50/60Hz 220v)
Item #ARHF1218EK ..23,157.95

**ACCESSORIES**

Daylight 12000/18000W (563205)
Item # ARHF1218........10,189.95

12000/18000W Electronic Ballast (562808)
220V, 50/60Hz.
Item # ARBE1218K ....12,151.95

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1-800-947-9941 • www.bhphotovideo.com

457
The Arrisun 2 is a focusable PAR (parabolic aluminum reflector) light, which utilizes a 200-watt single ended HMI lamp. The focusing system allows a 30° range of adjustment, providing beam angles of 5° to 50° of light. An additional 5.1-inch (130mm)-lens set is available. Use the lens set to further change the beam angle of the light. The lens set consists of five lenses, they are the spot, medium, wide, super wide and a frosted fresnel lens. The Arrisun 2 provides a smooth even light that can be used as a key light or for cross lighting. It attaches to any lightstand that has a 5/8˝ male stud. This light is available individually or in a kit. HMI lamps must be purchased separately.
ARRISUN 5

The Arrisun 5, also a PAR light provides the same light quality and beam angles as the Arrisun 2. The Arrisun 5 uses a 575-watt single ended HMI lamp. A 6.9” (175mm) lens set is available for this light. This light attaches to any light-stand that has a 5/8˝ male stud. This light is available individually or in assorted kits. HMI lamps must be purchased separately.

**FEATURES**
- Produces same beam angles as the Arrisun 2
- A 6.9” (175mm) lens set is available for this light
- Uses a 575W single ended HMI lamp

**SPECIFICATIONS**

**Lampholder:**
G22 High Voltage.

**Mounting:**
5/8˝ (16mm) stand mount.

**Weight:**
10.6 lbs. (4.8kg)

**Dimensions:**
10.1 x 13.9 x 11.7˝ (WHD) (257x353x297mm)

**SYSTEMS**

Arrisun 5 AC Electronic Ballast System
Includes:
- Arrisun 5 lamphead
- Barndoor
- 1- Lens Set and Lens Case
- 50’ Head/Ballast Cable
- 575/1200W AC Electronic Ballast.

Item # ARAS5PEK ............ 5329.95

**ACCESSORIES**

4-Leaf Barndoor (531110)
Item # ARBD4AS5P ..........67.50

8-Leaf Barndoor (531115)
Item # ARBD8AS5P ..........84.50

Lens Set (505325)
Spot, Medium, Wide, Super Wide, Frosted Fresnel.
Item # ARLSA55P ..........587.95

Lens Case (505395)
Item # ARLCA55P ..........209.95

7¼” (19.7cm)
Full Single Scrim (531150)
Item # ARSFSS55P ..........9.95

7¼” (19.7cm)
Full Double Scrim (531152)
Item # ARSFDASS5P ........12.50

7¼” (19.7cm)
Full Triple Scrim (531154)
Item # ARSFTASS5P ........17.95

Scrim Bag (571712)
Item # ARSBAS5P ............ 19.95

Lamphead Case (505935)
Item # ARCAS5P ............ 382.50

Case for 575W Magnetic Ballast (505915)
Item # ARCMBCH575 .......197.50

Case for Electronic Ballast (505921)
Item # ARCEBCH575 .......249.95

**PHOTO METRICS**

**SUPER SPOT**

<table>
<thead>
<tr>
<th>Distance (FT)</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>0.9’ (0.3m)</td>
<td>20,000</td>
<td>215,200</td>
<td>128.5</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>1.3’ (0.4m)</td>
<td>8859</td>
<td>95,322</td>
<td>64.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>1.7’ (0.5m)</td>
<td>5000</td>
<td>55,000</td>
<td>45.5</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>2.2’ (0.7m)</td>
<td>3200</td>
<td>35,000</td>
<td>45.0</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**SUPER WIDE**

<table>
<thead>
<tr>
<th>Distance (FT)</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>9.3’ (2.8m)</td>
<td>450</td>
<td>5000</td>
<td>16</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>14’ (4.3m)</td>
<td>200</td>
<td>2200</td>
<td>8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>18.7’ (5.7m)</td>
<td>113</td>
<td>1250</td>
<td>8</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>23.3’ (7.1m)</td>
<td>72</td>
<td>800</td>
<td>5.6</td>
</tr>
</tbody>
</table>
ARRISUN 12 PLUS

**FEATURES**
- The brightest HMI you can plug into a wall
- Generates 14,000 fc at 20´ (6.1m)
- Use custom designed lenses for maximum output
- Has a unique focus mechanism for complete control from spot to super wide
- Uses a 1200W single ended HMI lamp

**SPECIFICATIONS**

**Lampholder:**
- G38 High Voltage.

**Mounting:**
- 1¼” (29mm) stand mount.

**Weight:**
- 25 lbs. (11.3kg)

**Dimensions:**
- 15 x 25.75 x 16˝ (WHD)
- (381x654x406mm)

**SYSTEMS**

Arrisun 12 Plus/Electronic Ballast System

- Includes:
  1- Arrisun 12 Plus lamphead
  1- Barndoor
  1- Lens Set and Lens Case
  1- 50’ Head/Ballast Cable
  1- 575/1200W AC Electronic Ballast with DMX.

**Accessories**

- 4-Leaf Barndoor
  Item # ARBD4AS12P ..........89.95

- 8-Leaf Barndoor
  Item # ARBD8AS12P ..........119.95

- Lens Set
  Item # (512335) Spot, Medium, Wide, Super Wide, Frosted Fresnel.
  Item # ARLSAS12P ..........764.50

- Lens Case
  Item # ARLCAS12P ...........

- 13” (33cm) Full Single Scrim
  Item # ARSFSAS12P ..........17.95

- 13” (33cm) Full Double Scrim
  Item # ARSFDAS12P ..........21.49

- Scrim Bag
  Item # ARSBAS12P ..........26.50

- Lamphead Case
  Item # ARCAS12P ...........

- Case for Ballast 120V
  Item # ARCBM12 ...........

- Case for Magnetic Ballast 220V
  Item # ARCBMCH575X .......

- Case for Electronic Ballast
  Item # ARCEBAS12P .......

**PHOTO METRICS**

**SUPER SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>1.2´ (0.4m)</td>
<td>14,063</td>
<td>151,318</td>
<td>-</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>1.8´ (0.5m)</td>
<td>6250</td>
<td>67,250</td>
<td>64</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>2.4´ (0.7m)</td>
<td>3516</td>
<td>37,832</td>
<td>45.2</td>
</tr>
<tr>
<td>50´ (15.2m)</td>
<td>3.1´ (0.9m)</td>
<td>2250</td>
<td>24,210</td>
<td>36.8</td>
</tr>
</tbody>
</table>

**SUPER WIDE**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>17´ (5.2m)</td>
<td>275</td>
<td>2959</td>
<td>11.8</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>25.5´ (7.8m)</td>
<td>122</td>
<td>1313</td>
<td>8.5</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>34´ (10.4m)</td>
<td>69</td>
<td>742</td>
<td>5.6</td>
</tr>
<tr>
<td>50´ (15.2m)</td>
<td>42.4´ (13m)</td>
<td>44</td>
<td>473</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

The Arrisun 12 Plus Par fixture uses a single ended 1200 watt lamp. Beam angles for the Arrisun 12 plus range from 3.5° to 46°. A 10” (250mm) lens set is available for the Arrisun 12 plus which allows for superior optical control of the light beam. This light can be attached to any large studio stand with a 1½” (29 mm) female receiver. This light is available individually or in assorted kits. HMI lamps must be purchased separately.
The Arrisun 40/25 provides an even efficient light field similar to the Arrisun 12 Plus. It can be fitted with a 2500 or 4000 watt single-ended HMI lamp, making it a very versatile lighting fixture. The wattage from the HMI lamp in the head and the wattage from the ballast must match (for example 2500-to-2500, or 4000-to-4000.) When using an electronic ballast there is no adapter cable required, only when using a magnetic ballast. Beam angles for this light range from super spot (5°) to super wide (48°). There is a 12˝ (330mm) lens set available to optimize the lighting performance. The Arrisun 40/25 attaches to any large studio stand with a 1¼˝ (29mm) female receiver. This light is available individually or in kit form. HMI lamps sold separately.

**PHOTO METRICS WITH 2500W LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’</td>
<td>1.7’ (0.5m)</td>
<td>21,875</td>
<td>235.375</td>
<td>-</td>
</tr>
<tr>
<td>40’</td>
<td>3.5’ (1.1m)</td>
<td>5469</td>
<td>58,846</td>
<td>64</td>
</tr>
<tr>
<td>60’</td>
<td>5.2’ (1.6m)</td>
<td>2431</td>
<td>26,158</td>
<td>36.8</td>
</tr>
<tr>
<td>80’</td>
<td>7’ (2.1m)</td>
<td>1367</td>
<td>14,709</td>
<td>36</td>
</tr>
</tbody>
</table>

**PHOTO METRICS WITH 4000W LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’</td>
<td>1.6’ (0.5m)</td>
<td>26,250</td>
<td>282,450</td>
<td>-</td>
</tr>
<tr>
<td>40’</td>
<td>3.5’ (1.1m)</td>
<td>6563</td>
<td>70,618</td>
<td>64.5</td>
</tr>
<tr>
<td>60’</td>
<td>4.7’ (1.4m)</td>
<td>2917</td>
<td>31,387</td>
<td>45</td>
</tr>
<tr>
<td>80’</td>
<td>6.3’ (1.9m)</td>
<td>1641</td>
<td>17,657</td>
<td>36</td>
</tr>
</tbody>
</table>

**PHOTO METRICS WITH 4000W LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’</td>
<td>18.7’ (5.7m)</td>
<td>625</td>
<td>6725</td>
<td>22</td>
</tr>
<tr>
<td>40’</td>
<td>37.3’ (11.4m)</td>
<td>156</td>
<td>1679</td>
<td>8.8</td>
</tr>
<tr>
<td>60’</td>
<td>56’ (17.1m)</td>
<td>69</td>
<td>742</td>
<td>5.65</td>
</tr>
<tr>
<td>80’</td>
<td>74.6’ (22.7m)</td>
<td>39</td>
<td>420</td>
<td>4.85</td>
</tr>
</tbody>
</table>

---

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Arrisun 60 is a 6000 watt powerhouse capable of throwing light a great distance. This light generates an incredibly even field associated with the smaller Arrisun 40/25 and 12 plus. A 16.5” (420mm) lens set is available which allows for superior optical control of the light beam. Beam angles for this light range from 7° to 42°. This light can be attached to any large studio stand with a 1 ½” (29mm) female receiver. This light is available individually or in assorted kits. HMI lamps must be purchased separately.
This 12,000 watt HMI PAR light packs a real punch. This light generates an incredibly even light field associated with all the Arrisun units and features the same design features and operating functions. A 21” lens set is available for the Arrisun 120, which allows for superior optical control of the light beam. Beam angles for this light range from 6° to 40°. This light can be attached to any large studio stand with a 1½” (29 mm) female receiver. This light is available individually or in assorted kits. HMI lamps must be purchased separately.

**FEATURES**

- Generates an incredibly even field
- Optional 21” lens set available which allows for superior optical control of the light beam
- Uses a 2500, 4000 or 12,000W single ended HMI lamp

**SPECIFICATIONS**

- **Lampholder:** G38 High Voltage.
- **Lens Diameter:** 19.7” (500mm).
- **Mounting:** 1½” (29mm) stand mount.
- **Weight:** 101 lbs. (45.8kg)
- **Dimensions:** 30.25 x 28.75 x 31.25˝ (WHD) (768 x 730 x 794mm)

**SYSTEMS**

Arrisun 120/Electronic Ballast System

- 1- Arrisun 120 lamphead
- 1- Barndoor
- 1- Lens Set and Lens Case
- 1- 50’ Head/Ballast Cable
- 1- 6000/12000W AC Electronic Ballast.

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance (WxH)</th>
<th>Beam Size (WxH)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 (7.6m)</td>
<td>2.6’ (0.8m)</td>
<td>32,000</td>
<td>344,320</td>
<td>-</td>
</tr>
<tr>
<td>50 (15.2m)</td>
<td>5.2’ (1.6m)</td>
<td>8000</td>
<td>86,080</td>
<td>64</td>
</tr>
<tr>
<td>75 (22.9m)</td>
<td>7.9’ (2.4m)</td>
<td>3556</td>
<td>38,263</td>
<td>45</td>
</tr>
<tr>
<td>100 (30.4m)</td>
<td>10.5’ (3.2m)</td>
<td>2000</td>
<td>21,520</td>
<td>32</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
**ARRI CONTINUOUS LIGHTING**

**X - 2**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARAX2</td>
<td>X-2 (502400)</td>
<td>1018.95</td>
</tr>
<tr>
<td>ARBDAX2</td>
<td>4-Leaf Barndoor (502410)</td>
<td>53.95</td>
</tr>
<tr>
<td>ARDFGAX2</td>
<td>Frosted Glass Diffuser (502421)</td>
<td>71.95</td>
</tr>
<tr>
<td>ARRBAX2</td>
<td>Black Reflector (502424)</td>
<td>62.95</td>
</tr>
</tbody>
</table>

**specifications**

- Lampholder: GZX 9.5 High Voltage.
- Mounting: 5/8” (16mm) stand mount.
- Weight: 4.4 lbs. (2kg)
- Dimensions: 9.9 x 13.9 x 5.8” (WHD) (252 x 354 x 147mm)

**PHOTOMETRICS FOR X-2**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>19.2” (5.9m)</td>
<td>198</td>
<td>2130</td>
<td>8.5</td>
</tr>
<tr>
<td>10’ (3m)</td>
<td>38.4” (11.7m)</td>
<td>50</td>
<td>538</td>
<td>4.8</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>57.6” (17.6m)</td>
<td>22</td>
<td>237</td>
<td>2.85</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>76.8” (23.4m)</td>
<td>12</td>
<td>129</td>
<td>2.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**SYSTEMS**

- X-2 with Electronic Ballast Kit
  - 575W Single Ended HMI Lamp
  - 125/200W (DC) Electronic Ballast (24/30v).
  - Item # ARAX2EK ............ 2294.50

**X - 5**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARAX5</td>
<td>X-5 (505400)</td>
<td>1489.50</td>
</tr>
<tr>
<td>ARBDAX5</td>
<td>4-Leaf Barndoor (505410)</td>
<td>62.95</td>
</tr>
<tr>
<td>ARDFGAX5</td>
<td>Frosted Glass Diffuser (505421)</td>
<td>107.95</td>
</tr>
<tr>
<td>ARRBAX5</td>
<td>Black Reflector (505424)</td>
<td>84.95</td>
</tr>
</tbody>
</table>

**specifications**

- Lampholder: G38 High Voltage.
- Mounting: 5/8” (16mm) stand mount.
- Weight: 11 lbs. (5kg)
- Dimensions: 15 x 23.4 x 8.3” (WHD) (380 x 595 x 210mm)

**PHOTOMETRICS FOR X-5**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’ (1.5m)</td>
<td>19.2” (5.9m)</td>
<td>198</td>
<td>2130</td>
<td>8.5</td>
</tr>
<tr>
<td>10’ (3m)</td>
<td>38.4” (11.7m)</td>
<td>50</td>
<td>538</td>
<td>4.8</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>57.6” (17.6m)</td>
<td>22</td>
<td>237</td>
<td>2.85</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>76.8” (23.4m)</td>
<td>12</td>
<td>129</td>
<td>2.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**SYSTEMS**

- X-5 with Electronic Ballast Kit
  - 575/1200W Electronic Ballast (505815) 120/220V, 50/60Hz.
  - Item # ARBED5751.2K.. 2586.95

**Equipment Leasing Available**

B&H PHOTO VIDEO PRO AUDIO
**X-12**

**FEATURES**
- Perfect for lighting large areas
- Lights a 60x60' (18.2x18.2m) area while positioned only 15' (4.6m) away
- Housing has hot re-strike switch and hour counter
- UV glass protects lamp and filters out excess UV light
- Special micro switch in housing as a safety feature
- Uses a silver aluminum or matte reflector

**SPECIFICATIONS**

- **Lampholder:** G38 High Voltage
- **Lens:** 16.5" (420mm)
- **Mounting:** 1 1/8" (29mm) stand mount
- **Weight:** 59 lbs. (26.8kg)
- **Dimensions:** 19.75 x 31.5 x 9" (WHD) (502 x 800 x 229mm)

**SYSTEMS**

- **X-12/Electronic Ballast Kit**
  - Includes: 1- X-12 lamphead
  - 1- Barndoor
  - 1- Frosted Glass Diffuser
  - 1- 50´ Head/Ballast Cable
  - 1- 575/1200W AC Electronic Ballast
  
  Item # ARAX12EK ............ 2194.95

- **ACCESSORIES**
  - 4-Leaf Barndoor (512410)
    Item # ARBDAX12 .......... 179.95
  - Frosted Glass Diffuser (512421)
    Item # ARDFGAX12 .......... 247.50
  - Black Reflector (512424)
    Item # ARRBAX12 .......... 103.50
  - Case for 1200W Magnetic Ballast (512915)
    Item # ARCMBX12 ......... 197.50
  - Case for 575/1200W Electronic Ballast (505921)
    Item # ARCEBAX12 ......... 249.95

**PHOTOMETRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' (1.5m)</td>
<td>21.5' (6.5m)</td>
<td>1000</td>
<td>10,760</td>
<td>16</td>
</tr>
<tr>
<td>10' (3m)</td>
<td>42.9' (13.1m)</td>
<td>250</td>
<td>2690</td>
<td>8</td>
</tr>
<tr>
<td>15' (4.6m)</td>
<td>64.3' (19.6m)</td>
<td>111</td>
<td>1194</td>
<td>5.6</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>85.8' (26.2m)</td>
<td>63</td>
<td>678</td>
<td>4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**LIGHTING TIP**

To increase safety: * use an adequate stand or clamp (based upon weight, extension and conditions). * Use weights on stands when appropriate. * While mounting lights overhead, clear people from below. * Test clamp and mount installations carefully. Setscrew on stand fitting must be seated in undercut of stud. * Use safety cables on lights attached to overhead pipes, grids, etc. * Use ground Anchors or Weights on outdoor reflectors. Lay them down when not in use.
ARRI
X-40/25
CONTINUOUS LIGHTING
HMI
PHOTO - VIDEO - PRO AUDIO

X-40/25 (540400)
Item # ARAX4025..........
3292.95
2500/4000W Electronic Ballast
(540814)
120/220V, 50/60Hz.
Item # ARBEAX4025.....
5409.50
2500W Single Ended HMI Lamp
Item # GBHS2500H........399.95

4000W Single Ended HMI Lamp
Item # GBHS4000HR .......599.95
25` Head/Ballast Cable (525203)
Item # ARC25AX4025.....293.95
50` Head/Ballast Cable (525204)
Item # ARC50AX4025.....356.95
100` Head/Ballast Cable (525201)
Item # ARC100AX4025....494.95

For Ballast Specifications, see pages 467-468

SYSTEMS
X-40/25 Electronic Ballast Kit
Includes:
1- X-40 lamphead
1- Barndoor
1- Frosted Glass Diffuser
1- 50` Head/Ballast Cable
1- 2500/4000W AC Electronic Ballast.
Item # ARAX4025EK.....9462.95

ACCESSORIES
4-Leaf Barndoor (540410)
Item # ARBDAX4025......242.95
Frosted Glass Diffuser (540421)
Item # ARDFGAX4025....247.50
Black Reflector (540424)
Item # ARRBAX4025....103.50

PHOTO TO METRICS FOR X-40/25

For Ballast Specifications, see pages 467-468

PHOTO TO METRICS FOR X-60

SYSTEMS
X-60 Electronic Ballast ALF Kit
1- X-60 Lamphead
1- 4-Leaf Barndoor
1- Frosted Glass Diffuser
1- 50` Head/Ballast Cable
1- 6000/12000W Electronic Ballast with ALF (M/V).
Item # ARAX60EALFK...15,789.95

X-60 Electronic Ballast Kit
1- X-60 Lamphead
1- 4-Leaf Barndoor
1- Frosted Glass Diffuser
1- 50` Head/Ballast Cable
1- 6000W Electronic Ballast
(50/60Hz 220v).
Item # ARAX60.........5004.95
6000W Electronic Ballast
220V, 50/60Hz (560806)
Item # ARBEAX60.......6663.95
6000/12000W AC Electronic Ballast
220V (560810)
Item # ARBE612KAX60...8035.95

For Ballast Specifications, see pages 467-468

SPECIFICATIONS
Lampholder:
G38 High Voltage.
Mounting:
1½” (29mm) stand mount.
Weight:
66.1 lbs. (30kg)
Dimensions:
31.1 x 43.5 x 15.75” (WHD)
(790 x 1104 x 400mm)

ACCESSORIES
4-Leaf Barndoor (560410)
Item # ARBDAX60........494.95
Frosted Glass Diffuser (560421)
Item # ARDFGAX60.......233.95
Black Reflector (560424)
Item # ARRBAX60........134.95

PHOTO TO METRICS FOR X-60

B&H Photo Video Pro Audio

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
## Electronic Ballasts

### 125/200W AC
- **Lamp Power**: 125/200W
- **Dimming**: Yes
- **Low Noise Switch**: No
- **Input Voltage**: 90-130V / 180-250V
- **Nom Input Current**: 5.6A @ 120V
- **Input Apparent Power**: 667VA Max
- **Input Real Power**: 655W
- **Efficiency**: >85%
- **Dimensions (HWD)**: 3.6x10.4x6.1" (91x265x155mm)
- **Weight**: 5.7 lbs. (2.6kg)

### 125/200W DC
- **Lamp Power**: 125/200W
- **Dimming**: Yes
- **Input Voltage**: 22-34V DC
- **Nom Input Current**: 6.5-4.2A @125W / 10-6.5A @200W
- **Input Apparent Power**: 143VA-220VA
- **Input Real Power**: 128W-206W
- **Efficiency**: >99%
- **Dimensions (HWD)**: 2.6x5.1x6.25" (66x130x159mm)
- **Weight**: 2.5 lbs. (1.1kg)

### 200/400W DC
- **Lamp Power**: 200/400W
- **Dimming**: Yes
- **Low Noise Switch**: No
- **Input Voltage**: 20-36V DC
- **Nom Input Current**: 24.5-13.6A
- **Input Real Power**: 490W Max
- **Efficiency**: >81%
- **Dimensions (HWD)**: 3.6x10.4x6.1" (91x265x155mm)
- **Weight**: 5.7 lbs. (2.6kg)

### 400/575W M/V
- **Lamp Power**: 400/575W
- **Dimming**: Yes
- **Low Noise Switch**: No
- **Input Voltage**: 90-130V / 180-250V
- **Nom Input Current**: 5.6A @ 120V
- **Input Apparent Power**: 667VA Max
- **Input Real Power**: 655W
- **Efficiency**: >85%
- **Dimensions (HWD)**: 3.6x10.4x6.1" (91x265x155mm)
- **Weight**: 5.7 lbs. (2.6kg)

### 400/575W DMX
- **Lamp Power**: 400/575W
- **Dimming**: Yes
- **Low Noise Switch**: Yes
- **Input Voltage**: 90-125V / 180-250V
- **Nom Input Current**: 25/38A @ 120V
- **Input Apparent Power**: 1060/2290VA
- **Input Real Power**: 612/1277W
- **Efficiency**: 94%
- **Dimensions (HWD)**: 14.1x9.6x17.7" (358x243x450mm)
- **Weight**: 15.4 lbs. (7kg)

### 575/1200W DMX
- **Lamp Power**: 575/1200W
- **Dimming**: Yes
- **Low Noise Switch**: Yes
- **Input Voltage**: 90-125V / 180-250V
- **Nom Input Current**: 9/19.1A @ 120V / 50/60Hz
- **Input Apparent Power**: 919/1907VA
- **Input Real Power**: 560/1187W
- **Efficiency**: 94%
- **Dimensions (HWD)**: 5.9x7.9x11.8" (150x200x300mm)
- **Weight**: 15.4 lbs. (7kg)

### 2500/4000W w/ALF/DMX
- **Lamp Power**: 2500/4000W
- **Dimming**: Yes
- **Low Noise Switch**: Yes
- **Input Voltage**: 90-125V / 180-250V
- **Nom Input Current**: 25/38A @ 120V
- **Input Apparent Power**: 3000/4650VA
- **Input Real Power**: 2900/4500W
- **Efficiency**: >88%
- **Dimensions (HWD)**: 14.1x9.6x17.7" (358x243x450mm)
- **Weight**: 51.8 lbs. (23.5kg)

---

**1-800-947-9941 • www.bhphotovideo.com**
ARRI / BRONCOLOR

BALLASTS/ PARA UMBRELLAS

6000W COMPACT

6000W Compact (560806)
Lamp Power: 6000W
Dimming: Yes
Low Noise Switch: Yes
Input Voltage: 190-250V, 50/60Hz
Nom Input Current: 41A @ 230V
Input Apparent Power: 9600VA
Input Real Power: 6900W
Power Factor: .74
Efficiency: 87%
Dimensions (HWD): 14.7x9.5x17.7˝ (373x240x450mm)
Weight: 47.7 lbs. (21.7kg)

6000/12,000W

6000/12000W with ALF (560811)
Lamp Power: 6000/12000W
Dimming: Yes
Low Noise Switch: Yes
Input Voltage: 190-250V/180-250V, 50/60Hz
Nom Input Current: 29/57A @ 230V
Input Apparent Power: 9300/18700VA
Input Real Power: 6700/13800W
Power Factor: .98
Efficiency: 91%
Dimensions (HWD): 16.5x10.4x15.5˝ (420x264x393mm)
Weight: 95 lbs. (43.1kg)

PARA UMBRELLAS

The new Broncolor Para 220 and Para 330 ultra-large umbrellas are 7’4˝ and 11’ respectively. These giant umbrellas are part of the current trend in fashion, people and glamour photography but are also successfully used in general commercial photography. The new Para umbrellas are perfect for both the studio and location work, providing a brilliant light that envelopes the subject in a cloud of light, yet maintaining wonderfully textured detail. A unique benefit of the Para umbrellas is that the lampbase can be very precisely focused within the umbrella, thus giving the photographer the ability to select anything from a hard, directed light to an extremely soft effect. Its parabolic shape ensures that light fall-off toward the edges is negligible. A uniquely designed rotary system holds the umbrella open and also used for focusing. Para 200 and 330 umbrellas can be used with the new Broncolor Pulso G lampbase. An upgrade kit is required for use with earlier (Pulso F generation) lampbases. Diffusers of varying densities are also available. Choose from an almost transparent gauze (Diffuser 1), that only very slightly diffuses the light, all the way to a dense diffuser (Diffuser 3). Combined with the focusing capability, the result is an almost unlimited range of opportunities to vary light and control it precisely.

■ Innovative Design: Allowing for just one person to easily set up a Para 330 in a studio setting.
■ Mobility: They cannot only be folded up like a regular rain umbrella, but also collapsed to a shorter length for transport and storage just like a pocket umbrella.
■ Stability: To ensure stability even in difficult conditions, the Para has loops that allow it to be fastened to the ceiling or, in outdoor situations, secured with stakes.

PARA UMBRELLAS

Para 220 (122060)
Diameter: 7’4˝ (2.3m)
Item #BRP220FF .............3852.95

Para 330 (122050)
Diameter: 11’ (3.4m)
Item #BRLBG ..............5989.50

DIFFUSERS

Diffuser 1 for Para 220 (122041)
Item #BRD1P220 ............864.50

Diffuser 3 for Para 220 (122043)
Item #BRD3P220 ............864.50

Diffuser 1 for Para 330 (122051)
Item #BRD1P330 ............1249.95

Diffuser 3 for Para 330 (122053)
Item #BRD3P330 ............1249.95

ACCESSORIES

Travel Bag (122042)
Item #BRBP220 ............1669.95

XXL AC Stand (131004)
Item #BRLSXXXL .........719.95

www.bhphotovideo.com
Photographers, film and video makers who require continuous light can now enjoy all the advantages of the rest of the Broncolor system. The smallest, lightest HMI systems available.

**Features**
- Open-face design lets you use many Broncolor system reflectors.
- Daylight balanced, consistent over the life of the tube.
- 2-1/2 times the output of a comparable halogen bulb.
- Lamphhead focusing mount provides up to 1 stop further control along with adjustment of the light angle from 40 to 100°.
- Electronically-controlled ballast is switchable between flicker-free and low-noise modes.
- Ballast unit features a stepless 1-stop electronic dimmer.
- Automatic universal voltage - can be used anywhere in the world.
- "Hot strike" capability gives you light when you need it.
- Designed with 3 separate safety systems.
- LCD hour meter lets you know when to replace the bulb.

**HMI 575/1200**

**HMI 575 Package** (142575)
Includes: ballast, lampbase and bulb.
Item # BRH M575K ..4459.95

**HMI F1200 Lampbase without Lamp** (144515)
Item # BRL H M12.2K ..3396.50

**HMI 1200 Ballast** (144505)
Item # BRH M12.2K ....2694.95

**HMI 1200 Package** (144500)
Includes: ballast, lamphead, bulb, Par Reflector and 5500K diffusion lens set.
Item # BRH M12.2K .....6071.95

**HMI 575 Specifications**
- Quartz Equivalent: 1500W
- Max. Output: 12,000 lux
- f/Stop: f/11.5
- Head Weight: 5.75 lbs. (2.6kg)
- Ballast Weight: 7.5 lbs. (3.4kg)
- Ballast Dimensions: 11 x 4 x 7˝ (28x10x17.8cm)

**HMI 1200 Specifications**
- Quartz Equivalent: 3000W
- Max. Output: 318,000 lux
- f/Stop: f/64
- Head Weight: 6.5 lbs. (2.9kg)
- Ballast Weight: 10.5 lbs. (4.8kg)
- Ballast Dimensions: 11 x 4 x 8.5˝ (28x10x21.6cm)

**Reflectors for HMI 575**

- **P50 Reflector** (120050)
  For HMI F575.
  50° angle, f/stop 128%, 13.5” dia. x 15.5” depth.
  Item # BRP R50 ..................584.95

- **P65 Reflector** (120065)
  For HMI F575.
  65° angle, f/stop 128%, 11” dia. x 9.5” depth.
  Item # BRP R65 ..................257.50

- **P120 Wide Angle Reflector** (120120)
  For HMI F575.
  120° angle, f/stop 45%, 8.5” dia. x 1.7” depth.
  Item # BRP R120 ...............114.95

- **P70 Reflector** (120070)
  For HMI F575.
  70° angle, f/stop 90%, 9” dia. x 7.5” depth.
  Item # BRP R70 ..................204.95

- **Par Reflector - Clear** (142525)
  Item # BRH M575C ..............637.95

- **Par Reflector - 5500K** (142520)
The same reflector as the F1200, adapted for the HMI F575.
Item # BRH M575 ..........928.75

Not compatible with Visatec system

**Softlight Reflectors**

- **P50**
  Softlight Reflector

- **P65**
  Softlight Reflector

- **P70**
  Softlight Reflector

- **P120**
  Softlight Reflector

Order & Information (212) 444-6641 • Fax: (212) 239-7770 (800) 947-7008
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HMI 575/1200 & Reflectors
**BRONCOLOR ACCESSORIES/ FLOOTER “S”**

### REFLECTOR ACCESSORIES

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Catalog Number</th>
<th>Item #</th>
<th>Price</th>
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<tr>
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<td>575W SE Lamp</td>
<td>(143583)</td>
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<td>HMI Protection Dome</td>
<td>(143576)</td>
<td>BRPDHMI575</td>
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### PULSO FLOOTER “S”

The Flooter provides “artificial natural light”, ideal for large sets such as cars and furniture, or fashion when used with the honeycomb. It is a broad light source which evokes fifties-style film lighting. Its effects id comparable to a theatrical fresnel spot. The Flooter can be used with any Pulso, Primo or HMI 575 lampbase. The Fresnel lens has an active diameter of 340mm for extremely efficient light output, and is adjustable from 15-70°.

- **Output:** f128 at 6½´ (ISO 100, 3200ws 15°)
- **Weight:** 24 lbs. (10.9kg)

**Pulso Flooter “S”** (123135) ............................................ 2499.95

**Barndoor Set** (123036) ............................................ 284.95

**Honeycomb for Flooter** (123037) .................................... 214.95

**Modification Kit for Flooter** (123038)
Converts older Flooters to new “S” model.

**HMI Flooter Adapter** (143581) ........................................ 134.95

**HMI Flooter Adapter** (143581) ........................................ 269.95

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For any inquiries regarding your order, call our customer service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
SATELLITE REFLECTORS

The original Satellite reflector gives you an extremely powerful, hard light with nice open shadows. It's great for simulating sunlight or lighting fabrics, and its output of f/80-2/3 lets you light from a distance. The highly concentrated beam of light put out by the Satellite spreads out very little, putting all your light just where you want it. The Satellite Soft has the same 35° diameter as the original Satellite. But instead of concentrating light, it provides a soft, diffused light with a center hot spot to kick up contrast. It's great for lighting people, and even gives you nice round catchlights in the subjects eyes.

Satellite Reflector (120095)
The original, polished aluminum, ultra-high intensity Satellite reflector. The updated design features a hard plastic shell on the back of the reflector to prevent accidental dents and dings. Compatible with the Pulso F2 and F4 lampheads, HMI 575 and Mobilite/Picolite (with adapter). Includes special reflector and mat protection dome.
Output: f/180 2/3 @ 6 1/2' ISO 100, 3200ws

Satellite Soft (120096)
The same 35° parabolic dish as the original Satellite, but white-coated, with a front plexiglass diffuser, and designed so the head shoots through the reflector instead of into it. Compatible with any Pulso or Primo lamphead, plus the Minipuls C40 and C80 self-contained units. Not recommended for the Minipuls 200 due to weight constraints.
Output: f/45 1/3 @ 6 1/2', ISO 100, 3200ws

Item # BRRS .................................................. 2239.95
Item # BRRSS ............................................... 2199.95

HAZYLIGHT SOFT

- Perfectly even, softer lighting edge-to-edge due to the white interior and graduated counter-reflector
- Flawless reflected highlights with no hot spot.
- Rotation ring for easy mobility.
- Uses any Pulso or HMI 575 head.
- Durable plexiglass diffuser.
- Requires counter reflector.
- Weight: 37 lbs. (16.9kg)
- Dimensions: 40 x 40 x 17" (104x104x43cm)

Hazylight Soft (120392)
Item # BRHLS ................... 4306.95

MINI CUMULITE

- A smaller version of the Cumulite, provides even lighting, has a graduated glass counter and a rotating ring
- White interior coating and rigid plexiglass diffuser
- Uses a single standard Pulso, Primo or HMI lampbase
- Graduated glass counter reflector guarantees even lighting
- Rotating ring which gives the reflector a full range of self-arresting movements
- Weight: 35 lbs. (16kg)
- Dimensions: 47 x 31 x 18" (120x80x45cm)

Mini-Cumulite (122014)
Item # BRMCL301 ....... 4569.50

MEGAFLEX

Two new softboxes measuring 4' x 6 1/2' (1.2x2m) and 4' x 10' (1.2m x 3m). Each Megaflex takes 2 Pulso, Primo or HMI lampheads and features an optional second diffuser.

Megaflex 200 (120520)
4' x 6 1/2' (1.2x2m).
Item # BRM 200 ............. 3834.50

Megaflex 300 (120521)
4' x 10' (1.2x3m).
Item # BRM 300 ............. 4384.95
## PULSO FLEX C
- Same Broncolor quality, new low price
- Adapter ring sold separately, so you can use one ring for multiple boxes
- Simple construction assembles and disassembles quickly
- Compatible with all current Broncolor strobe heads (70x70 and 35x120 need fan cooled heads) and compact units.

### PULSO FLEX C

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<thead>
<tr>
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<th>Description</th>
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## PULSO FLEX ACCESSORIES
- Adapter Ring for Pulsoflex EM/C (129100)
  - Without integrated reflector, Item # BRARPC .................................................. 123.95
- Adapter Ring for Pulsoflex EM/C (143580)
  - With integrated reflector, Item # BRARPCQ .................................................... 197.95
- Bag for Pulsoflex (120745)
  - Item # BRBP ........................................ 12.95
- Set of Barndoors for EM 32" x 32" (120783)
  - Item # BRBDPEM3232 ............................................ 224.95
- Honeycomb Grid for EM 32" x 32" (120781)
  - Item # BRGPEM3232 ............................................. 759.95
- Diffusing Foil for EM 32" x 32" (120782)
  - Item # BRDFPEM3232 ............................................. 484.95
- Louvers Set for EM 32" x 32" (120780)
  - Item # BRLSPEM3232 ............................................. 554.95

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**Equipment Leasing Available**
**BALLOON LAMP**

- Compatible with the full line of Primo and Pulso lampbases, as well as entire range of Minipuls compact units
- 20” diameter Plexiglas dome diffuses light similar to a street lamp; even 360° illumination
- Creates round highlights and slightly burned out, ideal for interiors and portraits
- Lightweight material makes it great for location shooting where broad illumination or fill-in light is needed

**Item # BRLBQ** ........................................... 765.95

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**CUMULITE 2**

- Provides even, edge-to-edge illumination, a smooth gradation, or a central hot-spot for all lighting applications
- Glass counter-reflectors, white interior coating and plexiglass diffuser ensure perfectly even light, making it the natural choice when you’re working with reflective objects
- The hard plexiglass diffuser won’t show surface wrinkles in reflective highlights the way fabric diffusers can
- Comes equipped to handle two standard Pulso or HMI 575 heads
- Honeycomb grid available to further increase contrast and saturation

**Item # BRCL2** ............................................ 6699.50

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**LIGHTSTANDS AND ACCESSORIES**

- Junior Stand (131002) 8.2’ height, 2 height extensions. Air-cushioned. Ideal for a studio light stand
  **Item # BRLSJ** ........................................... 184.95

  **Item # BRLSS** ........................................... 284.95

- Super Boom (133002) Stand and boom arm with adapter to Pulso head, with 2 hand cranks, stand attachment, counter balance and casters.
  **Item # BR3B** ........................................... 1074.95

- Pillar Stand 215 (130465) Max Height 7.2’ (2.15m)
  **Item # BRLSP215** .................................... 1694.95

- Casters (134001) for Senior Stand, set of 3.
  **Item # BRC SLS** ........................................... 114.95
DeDolight DLH-400D

The Academy Award winning DeDolight system has expanded...and so has the world of the lighting professional. For ten years, the hard working DeDolights proved convincingly that in the hands of skilled professionals, "less" is often "more". Still, in many situations, there simply is no substitute for "more" and through the years, enthusiastic DeDolight users have asked, "when are you going to make larger lights?" They can stop asking. DeDolight is pleased to introduce the DeDolight 400 Series. The three lights comprising the 400 series are based on a new, patented optical system whose design parameters surpass even the considerable capabilities of the original DeDolight. When compared to traditional fresnel designs in the same wattage range, the 400 series DeDolights outperform the competition in virtually every measurable standard of luminaire performance:

- Extraordinary clean beam with perfectly even distribution and no stray light.
- Patented focus mechanism with dual lens optics and focusing motion.
- Super flood - provided by a unique second lens which moves towards the lamp and mirror when going "wide" to produce an enhanced flood angle.
- Super spot - provided by a simultaneous movement of the second lens, moving in the opposite direction, away from the lamp and mirror, producing a tighter spot and enhanced light output.
- A 20:1 spot-to-flood focusing range. No traditional fresnel even comes close!
- Most of the accessories for which the original DeDolight first earned its well deserved reputation for field flexibility are in place now for the 400 series, including the popular DeDolight projection attachment, in "400" size.

DeDolight 400D

DeDolight 400D (DLH400D) A 400W daylight fixture for single ended HMI lamps. Used in conjunction with the DeDolight DEB400D electronic ballast, the 400D brings the same level of superior, sophisticated performance to the world of HMI, as the 436 and 650 provide for tungsten.

Item # DE DLH400D......1696.50

Features

- Tilt pivot at center-of-gravity provides excellent balance and positive locking.
- Rear focus knob provides smooth, precise, variable movement throughout the focus range.
- Safety switch prevents operation when access door is open.
- On/Off pushbuttons located on both head and ballast for ease of operation.

Specifications

- Max. Wattage: 400W MSR.
- Cable Length: 23’ (7m).
- Mounting: 5/8˝ (16mm) stud. Adapters available for other mounting.
- Weight: 8.75 lbs. (4kg).

Lamp Specifications

- Watts: 400
- Color Temp: 5600°K
- Item #: GBHS400
- Price: 219.95

Photo to Metrics

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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
### SERIES 400 PROJECTION ATTACHMENTS AND ACCESSORIES

**Projection Attachment (DP400KU)**
Projection attachment for Dedolight 400 series fixtures. Complete with universal receptacle and 185mm lens with scaled barrel. The universal receptacle allows the use of DP400GH steel gobo holder, DP400GH glass gobo holder, DP400LFS loose shutter blades (4) or DP400IR iris.

Item # DEDP400KU ........897.50

**Projection Attachment (DP400KFS)**
Same as DP400KU except with captive framing shutter assembly. Other accessories require the DP400U universal receptacle.

Item # DEDP400KFS ......883.95

**Universal Receptacle (DP400U)**
Allows the use of DP400GH steel gobo holder, DP400GH glass gobo holder, DP400LFS loose shutter blades (4) or DP400IR iris. For use with DP400KFS.

Item # DEDP400U ........107.50

**Captive Framing Shutter Assembly (DP400FS)**
For use with DP400KU.

Item # DEDP400FS ......177.50

**Framing Shutter Blades (DP400LFS)**
Loose (4), for use with DP400KU. Framing shutter blades may be used together with the DP400GH gobo holder to limit the gobo projection to a desired size.

Item # DEDP400LFS ..........54.95

**Iris (DP400IR)**
For use with DP400KU

Item # DEDP400IR ..........269.50

**Gobo Holder (DP400GH)**
For steel gobos. Size A, 100mm, max. image size 75mm. For use with DP400KU.

Item # DEDP400GH ........109.50

**Gobo Holder (DP400GGH)**
For glass gobos. Size A, 100mm, max. image size 75mm. For use with DP400KU.

Item # DEDP400GGH ......109.50

**Projection Attachment Kit (KDP400KU)**
Complete with DP400KU projection attachment with universal receptacle, 185mm lens with scaled barrel, gobo holder and heavy duty transport case.

Item # DEDP400KFS ..1147.50

**Heavy Duty Transport Case (DCDP400)**
Holds 1-DP400KU or DP400KFS projection attachment and accessories.

Item # DECDP400KFS ...224.95

**Standard Barndoor 400 Series (DBD400)**
Item # DEBD400 ..........91.95

**Gel Filter Holder 400 Series (DFH400)**
Item # DEDFH400 ..........35.95

*Projection attachment kits may be individually assembled to fit your particular application.*

### SERIES 400 KITS

**400/575W HMI Kit (K400D)**
Kit includes:
- Dedolight 400/575W HMI Head (DLH400D) with cable (DPower400D)
- Dedolight electronic ballast (DE400D)
- 1-leaf barndoor (DBD400)
- Filter holder (DFH400)
- 400W HMI lamp (DD400HR)
- Full single scrim (DSFS400)
- Full double scrim (DSFD400)
- Half single scrim (DSCH5/2-400)
- Half double scrim (DSCH1/2-400)
- Scrim pouch (DSCP400)
- Transport case (DCD400)

Weight: 41.7 lbs. (18.9kg).
Dimensions: 22.5 x 17 x 10.25” (57 x 43 x 26 cm).

Item # DEK400D ..........4287.50

**400/575W HMI Basic Kit (K3X400DB)**
Kit includes:
- Dedolight 400/575W HMI Heads (DLH400) with 3 Cables (DPower400D)
- Dedolight electronic ballasts (DEB400)
- 3-leaf barndoors (DBD400)
- 400W HMI lamps (DD400HR)
- Full single scrims (DSFS400)
- Full double scrims (DSFD400)
- Half single scrims (DSCH5/2-400)
- Half double scrims (DSCH1/2-400)
- Scrim pouches (DSCP400)
- Transport case (DCD400)

Weight: 41.7 lbs. (18.9kg).
Dimensions: 22.5 x 17 x 10.25” (57 x 43 x 26 cm).

Item # DEK3X400DB ..12,373.50

**400W HMI Kit (K3X400DS)**
Same as previous with 3- DST400 stands and 1- DSTP4 soft stand bag.

Item # DEK3X400DS ..............13,124.95

**400W HMI Kit (K3X400DS)**
Same as previous with 3- DST400 stands and 1- DSTP4 soft stand bag.

Item # DEK3X400DS ..............13,124.95
The Dedopar is a PAR light head which works with a Dedolight 400W HMI lamp and the standard Dedolight DEB400D ballast. The light head is fitted with push buttons so that it can be started from the light head as well as from the ballast (similar to the operation of the Dedolight DLH 400D light head).

The Dedopar can be used in two different configurations.

1. As a PAR light
   The PAR light version shows high light efficiency due to good reflector design and a focusing control. The light head without a diffusion lens will give you high light output, but you will experience fairly usable light distribution only in one focusing position for any given distance. As with other PAR lights, the beam can be modified by adding three different interchangeable front diffusion lenses.

2. Direct/Soft
   The front part (reflector) of the Dedopar can be removed and replaced with the direct/soft attachment where the lamp protrudes. This attachment is fitted with a quartz glass tube which serves as a very efficient UV-cut filter. A safety switch is included, which will shut down the light if the protective glass filter tube should be missing or defective.

   The direct/soft attachment comes with a Dedolight yoke and stand fitting similar to the one used on the Series 400 Dedolights. It can be started from the ballast (similar to the operation of the Dedolight DLH400D light head). The light head without a diffusion lens will give you high light output, but you will experience fairly usable light distribution only in one focusing position for any given distance. As with other PAR lights, the beam can be modified by adding three different interchangeable front diffusion lenses.

   The direct/soft attachment works very well with various Chimera Pancakes or Photoflex silver or white domes. If used with the Photoflex “octodome”, you gain a much larger softlight surface which takes up even less depth in the optical axis. Therefore, it is uniquely suited for softlight applications in confined areas. The Dedopar can be configured in one single carrying case, which houses the standard DEB400D Dedolight ballast, the Dedopar light with a reflector, the direct/soft attachment, a barndoor and various glass lenses.
The housing, with its 4\% lens can be run from 110v, 30v and 24v power sources. A head to ballast cable of 8` is attached to the head, and a 5/8” female adapter allows the unit to be connected to any light stand or mounting accessory with a standard 5/8” male stud.

The Rembrandt 200W is capable of focusing from spot to flood by turning the front and rear mounted “T” handle. This fixture utilizes a cable driven focusing system instead of a conventional worm gear drive. On/off buttons are mounted on the side to allow the unit to be switched on or off at the head. Can also be switched remotely, using on/off switches on the ballast. A digital hour counter, mounted on the side to allow the unit to be mounted on the side to drive. On/off buttons are conventional worm gear system instead of a conventional worm gear drive.

Digital hour counter
- Teflon bushing on chrome plated rods for smooth focusing
- Side mounted igniter for easy access and better ventilation
- Front and rear focus handle

8’ Head to Ballast
- 25’ Head to Ballast

5\% (13cm)
- Half Single Scrim
- Half Double Scrim

5\% (13cm)
- Full Single Scrim
- Full Double Scrim

5\% (13cm)
- 3-in-1 Snoot Set

PHOTO-VIDEO-PRO AUDIO

PHOTOMETRICS

FLOOD

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<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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<td>20’ (6.1m)</td>
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<td>30’ (9.1m)</td>
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<td>129</td>
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<td>40’ (12.2m)</td>
<td>35.6’ (10.9m)</td>
<td>6</td>
<td>65</td>
<td>1.4</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Incorporating all the features of the Rembrandt line, this lightweight unit with its 6” lens uses 575 watt single ended HMI lamps and is an excellent choice for location and studio use. Providing a smooth even field of light in both flood and spot positions, the Rembrandt 575 delivers a powerful punch of light. The beam angle is 5° in the spot position and 46° in the flood position. A combination adapter allows this unit to be attached to either 5/8” or 1 1/8” lightstands and accessories. Two electronic ballasts are available. The Rembrandt 575W is also offered in kits. A full line of accessories are available including barn-doors, snoots, color frames and scrims.

**Rembrandt Piccolo 575W**

- **Weight:** 14.3 lbs. (6.5kg)
- **Dimensions:** 11 x 16 x 10” (279 x 406 x 254mm)

**ACCESSORIES**

- 4-Leaf Barndoor (316100) Item # DEBD4R575 .............54.95
- 8-Leaf Barndoor (316200) Item # DEBD8R575 .............82.50
- Colorframe (317100) Item # DECFR575 .............18.95
- 3-in-1 Snoot Set (318100) Item # DESSR575 .............89.95
- Wireguard (Repl.) (315300) Item # DEWGRE575 .............17.95
- 7¼” (18.4cm) Full Single Scrim (319101) Item # DESFSR575 .............12.95
- 7¼” (18.4cm) Full Double Scrim (319102) Item # DESDR575 .............12.95

**PHOTOMETRICS**

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<th>F-Stop*</th>
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<td>56</td>
<td>603</td>
<td>4</td>
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<td>40’ (12.2m)</td>
<td>34.8’ (10.6m)</td>
<td>31</td>
<td>334</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
With a 6” lens, this 1200W Rembrandt Fresnel is more than twice as bright as the 575W, making this an excellent key or backlight. The beam angle is 5.8° in the spot position and 47° in the flood position. Has all the features outlined in the Rembrandt introduction section, as well as the same stand adapter and accessories as the 575W model. The Rembrandt 1200W unit is also packaged in several kits with electronic and magnetic ballasts.

**PHOTOMETRICS**

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<tr>
<td>20’ (6.1m)</td>
<td>20.8 (6.3m)</td>
<td>165</td>
<td>1775</td>
<td>5.65</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>31.2 (9.5m)</td>
<td>74</td>
<td>796</td>
<td>4.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>41.6 (12.7m)</td>
<td>41</td>
<td>441</td>
<td>2.85</td>
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<tr>
<td>50’ (15.2m)</td>
<td>51.9 (15.8m)</td>
<td>26</td>
<td>280</td>
<td>2.8</td>
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<td>Flood</td>
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<tr>
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<td>20.8 (6.3m)</td>
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<td>1775</td>
<td>5.65</td>
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<tr>
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<td>51.9 (15.8m)</td>
<td>26</td>
<td>280</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
This 1200W Rembrandt features a 10” lens. The larger housing accommodates a larger reflector, making this unit more light efficient than its smaller counterpart. The beam angle is 9° in the spot position and 54° in the flood position. This light has all the features outlined in the Rembrandt introduction section. A 1 ⅛” male stud is attached, allowing the unit to be fitted to same size stand or mounting accessory. A full line of accessories, including barndoors, color frames, snoots and scrims are available for this light. The Rembrandt 1200 is also packaged in several kits with electronic ballasts.

**FLOODED**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
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<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>19.2” (49.5cm)</td>
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<td>5.6</td>
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<tr>
<td>40’ (12.2m)</td>
<td>38.3” (97.3cm)</td>
<td>55</td>
<td>592</td>
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</tr>
<tr>
<td>50’ (15.2m)</td>
<td>47.9” (121.6cm)</td>
<td>35</td>
<td>377</td>
<td>2.85</td>
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1 foot candle = 10.76 lux. F-stops provided as a general guide only.

**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>2.3” (5.9cm)</td>
<td>2500</td>
<td>26,900</td>
<td>22.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>3.4” (8.7cm)</td>
<td>1111</td>
<td>11,954</td>
<td>16.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>4.5” (11.4cm)</td>
<td>625</td>
<td>6725</td>
<td>11.5</td>
</tr>
<tr>
<td>50’ (15.2m)</td>
<td>5.7” (14.5cm)</td>
<td>400</td>
<td>4304</td>
<td>11</td>
</tr>
</tbody>
</table>

Flicker free electronic ballast lamp head with 10” lens. 1” male stud is attached, front and rear focus handles, Teflon bushing on chrome plated rods for smooth focusing, lens door safety switch, digital hour counter, detachable extension cable, side mounted igniter for easy access and better ventilation.

**ACCESSORIES**

- **Full Single Scrim** 12˝ (49.5cm) - Item # DESFSR1.2K10
- **Half Single Scrim** 12˝ (49.5cm) - Item # DESFHSR1.2K10
- **Half Double Scrim** 12˝ (49.5cm) - Item # DESFDR1.2K10
- **Full Double Scrim** 12˝ (49.5cm) - Item # DEFSFR1.2K10
- **Scrim Bag** (8033) - Item # DECHB25R1.2K
- **18˝ (45.5cm) Full Single Scrim** - Item # DECHB5OR1.2K
- **20˝ (50.8cm) Half Single Scrim** - Item # DECHBRSR1.2K
- **30˝ (76.2cm) Half Double Scrim** - Item # DECHBRDR1.2K
- **40˝ (101.6cm) Full Double Scrim** - Item # DECHBFR1.2K
- **25˝ Head to Ballast Cable** (201110) - Item # DECHB25R1.2K
- **50˝ Head to Ballast Cable** (201120) - Item # DECHB50R1.2K
- **1-1/8˝ (28.6mm) Wireguard (Rep.)** - Item # DECHB25R1.2K
- **25´ Head to Ballast Cable** (201100) - Item # DECHB25R1.2K
- **DEB 575/1200W dual power flicker free electronic ballast** - Item # DECHB5SR1.2K
- **DEB 575/1200W single ended HMI lamp** - Item # DECHB5SR1.2K
- **25´ detachable cable** - Item # DECHB25R1.2K
- **DEB 575/1200W dual power flicker free electronic ballast without lamp** - Item # DECHB5SR1.2K
- **25´ detachable cable** - Item # DECHB50R1.2K

**PHOTOMETRICS**

**Distance** 20’ (6.1m) 30’ (9.1m) 40’ (12.2m) 50’ (15.2m)

**Spot**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>2.3” (5.9cm)</td>
<td>2500</td>
<td>26,900</td>
<td>22.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>3.4” (8.7cm)</td>
<td>1111</td>
<td>11,954</td>
<td>16.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>4.5” (11.4cm)</td>
<td>625</td>
<td>6725</td>
<td>11.5</td>
</tr>
<tr>
<td>50’ (15.2m)</td>
<td>5.7” (14.5cm)</td>
<td>400</td>
<td>4304</td>
<td>11</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
**Rembrandt Piccolo 2500W 10˝**

**Features**
- Digital hour counter
- Detachable extension cable
- Lens door safety switch
- Front and rear focus handle
- Teflon bushing on chrome plated rods for smooth focusing
- Side mounted igniter for easy access and better ventilation

**Rembrandt Piccolo 2500W**

<table>
<thead>
<tr>
<th>Model</th>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Item # DER2.5K</td>
<td>25˚ Head to Ballast Cable</td>
<td>(202100)</td>
</tr>
<tr>
<td>Item # DECHB25R2.5K</td>
<td>50˚ Head to Ballast Cable</td>
<td>(202120)</td>
</tr>
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<td>Item # DECHB50R2.5K</td>
<td>250W Single Ended HMI Lamp</td>
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</tr>
<tr>
<td>Item # GBH S2500H R</td>
<td>399.95</td>
<td></td>
</tr>
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</table>

For Ballast Specifications, see page 496

**Side mounted igniter for easy access and better ventilation**

**PHOTO - VIDEO - PRO AUDIO**

**Rembrandt Piccolo 2500W 10˝**

**HMI Kit with Lamp**

Consists of:
- Rembrandt Piccolo 2500W lamphead with 10˝ lens
- 1-25’ cable
- 1-4 leaf rotating barndoor
- 1-Color frame
- 1-Wireguard
- 1-DEB 2500W flicker free electronic ballast without Lamp

Item # DER2.5KM K | 5779.95

**Remington Piccolo 2500W 10˝**

**HMI Kit with Case**

Same as above plus:
- 1-Case for complete kit
- 1-4-pieces scrub set
- 1-Lamp

Item # DER2.5KEKQ | 6684.95

**Rembrandt Piccolo 2500W 10˝**

**HMI Kit w/Dual Ballast**

Consists of:
- Rembrandt Piccolo 2500W lamphead with 10˝ lens
- 1-25’ cable
- 1-4 leaf rotating barndoor
- 1-Color frame
- 1-Wireguard
- 1-DEB 2500W/4000W dual power flicker free electronic ballast without Lamp

Item # DER2.5KDEB | 6589.95

**Remington Piccolo 2500W 10˝**

**HMI Kit with Lamp**

Same as above plus:
- 1-Lamp

Item # DER2.5KEK | 6876.95

**PHOTO METRICS**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
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<tr>
<td>20’ (6.1m)</td>
<td>24.2 (7.4m)</td>
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<td>40’ (12.2m)</td>
<td>48.4 (14.8m)</td>
<td>74</td>
<td>796</td>
<td>4.5</td>
</tr>
<tr>
<td>60’ (18.3m)</td>
<td>72.7 (22.2m)</td>
<td>33</td>
<td>355</td>
<td>2.85</td>
</tr>
<tr>
<td>80’ (24.4m)</td>
<td>96.9 (29.5m)</td>
<td>18</td>
<td>194</td>
<td>2.5</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tr>
<td>40’ (12.2m)</td>
<td>4.5 (1.4m)</td>
<td>1027</td>
<td>11.050</td>
<td>16.5</td>
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<td>60’ (18.3m)</td>
<td>6.7 (2.0m)</td>
<td>456</td>
<td>4907</td>
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<tr>
<td>80’ (24.4m)</td>
<td>8.9 (2.7m)</td>
<td>257</td>
<td>2765</td>
<td>8</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. **With ISO 100 film @ 1/8 sec.**
The Rembrandt 4000W unit has a 12” lens capable of throwing a large amount of light up to 65´ when focused in the spot position. In the flood position, the wide angle beam makes this unit ideal for background light or for filling large areas. The beam angle in the spot position is 5° and 53° in the flood position. This light shares all the features outlined in the Rembrandt introduction section. A full line of accessories include barndoors, color frames, scrims and a snoot set. The Rembrandt 4000 is also available in kits.

**Accessories**

- 4-Leaf Barndoor Med. (356110) - Item # DEBD4MR4K - $78.95
- 4-Leaf Barndoor Large (356100) - Item # DEBD4LR4K - $112.50
- 8-Leaf Barndoor Med. (356210) - Item # DEBD8MR4K - $104.95
- 8-Leaf Barndoor Large (356200) - Item # DEBD8LR4K - $142.50
- Colorframe (357100) - Item # DECFR4K - $32.50
- Outtrigger Colorframe (357101) - Item # DEFOR4K - $119.95
- 3-in-1 Snoot Set (358100) - Item # DESSR4K - $119.95
- Wireguard (355100) - Item # DEWGL5K - $44.95
- 15½° (39.4cm) Full Single Scrim (359101) - Item # DEFSR4K - $19.95
- 15½° (39.4cm) Full Double Scrim (359102) - Item # DESD4R4K - $19.95
- 15½° (39.4cm) Half Single Scrim (359103) - Item # DESH5R4K - $18.95
- 15½° (39.4cm) Half Double Scrim (359104) - Item # DESH8R4K - $18.95
- Scrim Bag (8034) - Item # DESBR4K - $42.95
- Set of 4 Scrims Stainless Steel (359100) - Item # DESS4R4K - $76.50
- Fly Case for Head and Accessories (2530610) - Item # DEFCR4K - $581.95
- Fly Case for 2500/4000W Ballast (2535601) - Item # DEFCDEB2500 - $472.50
- Fly Case for Head and Accessories (2530601S) - Item # DEFCDEB2500 - $472.50

**Photonetics**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>22.2” (6.8m)</td>
<td>428</td>
<td>4605</td>
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<tr>
<td>40´ (12.2m)</td>
<td>44.3” (13.5m)</td>
<td>107</td>
<td>1151</td>
<td>5.6</td>
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<tr>
<td>60´ (18.3m)</td>
<td>66.5” (20.3m)</td>
<td>48</td>
<td>516</td>
<td>4</td>
</tr>
<tr>
<td>80´ (24.4m)</td>
<td>88.7” (27m)</td>
<td>27</td>
<td>291</td>
<td>2.8</td>
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**SPOT**

<table>
<thead>
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<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>2.8” (0.9m)</td>
<td>5133</td>
<td>55,231</td>
<td>45</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>5.6” (1.7m)</td>
<td>1283</td>
<td>13,805</td>
<td>16.5</td>
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<tr>
<td>60´ (18.3m)</td>
<td>8.4” (2.6m)</td>
<td>570</td>
<td>6133</td>
<td>11.5</td>
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<tr>
<td>80´ (24.4m)</td>
<td>11.2” (3.4m)</td>
<td>321</td>
<td>3454</td>
<td>8.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**Systems**

Rembrandt Piccolo 4000W 12” HMI Kit with Ballast (2530600S)
Consists of:
- 1- Rembrandt Piccolo 4000W lamphead with 12” lens
- 1- 25´ cable
- 1- 4-leaf rotating barndoor
- 1- Color frame 1- Wireguard
- 1- DEB 2500/4000W dual power flicker free electronic ballast without Lamp
- 1- Lamp
Item # DER4KMK - $7489.95

Rembrandt Piccolo 4000W 12” Kit with Lamp (2530610S)
Consists of:
- 1- Rembrandt Piccolo 4000W lamphead with 12” lens
- 1- 25´ cable
- 1- 4-leaf rotating barndoor
- 1- Color frame 1- Wireguard
- 1- DEB 2500/4000W dual power flicker free electronic ballast
- 1- Lamp
- 1- Lamp
Item # DER4KEK - $8038.95

Rembrandt Piccolo 4000W 12” HMI Kit with Case (2530690KHL)
Consists of:
- 1- Rembrandt Piccolo 4000W lamphead with 12” lens
- 1- 25´ cable
- 1- 4-leaf rotating barndoor
- 1- Color frame 1- Wireguard
- 1- Fly case for Rembrandt Piccolo 4000W
- 1- 4-piece scrim set
- 1- Lamp without Ballast
Item # DER4KEKQ - $4613.50

**Specifications**

- **Weight:** 46.3 lbs. (21kg)
- **Dimensions:** 16.5 x 28 x 20.4” (419x711x518mm)

**Features**

- Digital hour counter
- Detachable extension cable
- Lens door safety switch
- Teflon bushing on chrome plated rods for smooth focusing
- Side mounted igniter for easy access and better ventilation
- Front and rear focus handle

**Specifications**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
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</tr>
</thead>
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<tr>
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<td>55,231</td>
<td>45</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>5.6” (1.7m)</td>
<td>1283</td>
<td>13,805</td>
<td>16.5</td>
</tr>
<tr>
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<td>570</td>
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<td>11.5</td>
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<td>11.2” (3.4m)</td>
<td>321</td>
<td>3454</td>
<td>8.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Rembrandt 6000W light has a 14” lens capable of throwing a large amount of light when focused in the spot position. In the flood position, the wide angle beam makes this unit ideal for background light or for filling large areas. The beam angle in the spot position is 6 degrees and 64 degrees in the flood position. This light shares all the features outlined in the Rembrandt introduction section. A full line of accessories include barndoors, color frames, scrims and a snoot set.
Patented new 6000/12,000W fresnel utilizes a single-ended HMI lamp. The new lamp carriage allows easy change of lamp sizes and will conform to any lamp manufacturer's specifications. The 6000/12,000W fresnel has a beam angle of 6° in the spot and 64° in the flood. The 6000/12,000W fresnel can utilize the new digital, self diagnostic 6000/12,000W ballast manufactured by Desisti.

**ACCESSORIES**

- 4-Leaf Barndoor (496100) 
  Item # DEBD6K20 ..........292.50
- Colorframe (497100) 
  Item # DECF6K20 ..........89.95
- 25' (7.6m) Full Single Scrim (299101) 
  Item # DESFR6K20 ..........82.50
- 21' (53.3cm) Full Double Scrim (499102) 
  Item # DESFD6K20 ..........82.50
- 21' (53.3cm) Half Single Scrim (499103) 
  Item # DESHR6K20 ..........69.95
- 21' (53.3cm) Half Double Scrim (499104) 
  Item # DESHR6K20 ..........69.95
- Scrim Bag (8035) 
  Item # DESBR12K ..........117.95
- Set of 4 Scrims (499100) 
  Item # DESF4R6K20 ..........303.95
- Fly Case for Head and Accessories (2570601) 
  Item # DEFCRP12K .........1049.95
- Fly Case for 6000/12,000W Ballast (2555601) 
  Item # DEFCDEB612K .......749.95
- 6000W Single Ended HMI Lamp 
  Item # GBHS6000 ............1595.00
- 12,000W Single Ended HMI Lamp 
  Item # GBHS12000 ..........2495.90

**PHOTO-METRICS WITH 12,000W LAMP**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (in)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>25' (7.6m)</td>
<td>31.2' (9.5m)</td>
<td>585</td>
<td>6295</td>
<td>11.5</td>
</tr>
<tr>
<td>50' (15.2m)</td>
<td>62.5' (19.1m)</td>
<td>146</td>
<td>1571</td>
<td>5.65</td>
</tr>
<tr>
<td>75' (22.9m)</td>
<td>93.7' (28.6m)</td>
<td>65</td>
<td>699</td>
<td>4</td>
</tr>
<tr>
<td>100' (30.5m)</td>
<td>125' (38.1m)</td>
<td>37</td>
<td>398</td>
<td>2.85</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**SYSTEMS**

- Rembrandt Piccolo 6000/12,000W 20˝ HMI Kit with Ballast (2570600S) 
  Consists of: 
  1- Rembrandt Piccolo 6000/12,000W lamphead with 20˝ lens 1-25 cable
  1- 4-leaf rotating barndoor
  1- Color frame 1- Wireguard
  1- DEB 6000/12,000W dual power flicker free electronic ballast
  1- Fly case for ballast
  1- Lamp 
  Item # DER12KMK ..........14,899.95

- Rembrandt Piccolo 6000/12,000W 20˝ HMI Kit with Lamp (2570610SL) 
  Consists of: 
  1- Rembrandt Piccolo 6000/12,000W lamphead with 20˝ lens 1-25 cable
  1- 4-leaf rotating barndoor
  1- Color frame 1- Wireguard
  1- DEB 6000/12,000W dual power flicker free electronic ballast
  1- Fly case for ballast
  1- Lamp 
  Item # DER12KEK ......18,989.95

- Rembrandt Piccolo 6000/12,000W 20˝ HMI Kit with Case (2570802KHL) 
  Consists of: 
  1- Rembrandt Piccolo 6000/12,000W lamphead with 20˝ lens 1-25 cable
  1- 4-leaf rotating barndoor
  1- Color frame 1- Wireguard
  1- DEB 6000/12,000W dual power flicker free electronic ballast
  1- Fly case for Rembrandt Piccolo 6000/12,000W
  1- 4-piece scrim set
  1- Lamp No Ballast 
  Item # DER12KEKQ .......10,708.50

**LIGHTING TIP**

The advantage of artificial light over natural light is that it is repeatable, consistent, and always available.

---

Rembrandt Piccolo 6000/12,000W 20˝

HMI Kit with Case (2570610SL) 
Consists of: Rembrandt Piccolo 6000/12,000W lamphead with 20˝ lens 1-25 cable
4-leaf rotating barndoor Color frame Wireguard
DEB 6000/12,000W dual power flicker free electronic ballast Fly case for ballast Lamp
Item # DER12KEK .......18,989.95

Rembrandt Piccolo 6000/12,000W 20˝ HMI Kit with Lamp (2570600S)
Consists of: Rembrandt Piccolo 6000/12,000W lamphead with 20˝ lens 1-25 cable
4-leaf rotating barndoor Color frame Wireguard
DEB 6000/12,000W dual power flicker free electronic ballast Fly case for ballast Lamp
Item # DER12KMK ..........14,899.95
Uses single ended HMI lamps of 200 watts. The unit with its multiple lens can be run from 110v, 30v and 24v power sources. An attached 5/8” female adapter connects the unit to any lightstand or mounting accessory with a standard 5/8” male stud. A 200 watt 120v A/C electronic ballast allows the Remington PAR to be powered from an A/C power source. The housing is packaged with the A/C electronic ballast in different kits.

**ACCESSORIES**

5-Piece Lens Set (2305200)  
Item # DELSR200Z ........... 494.95
Case for Lens Set (2308100)  
Item # DECLSRL200Z ........ 229.95
4-Leaf Barndoor (2206100)  
Item # DEBDR200Z ........... 67.50
Colorframe (2207100)  
Item # DECFR200Z ........... 19.50
Set of 4 Scrims (2209100)  
Item # DESS4R200Z ........... 49.95
5¾ (14.9cm) Full Single Scrim (2209101)  
Item # DEFSR200Z ........... 13.50
5¾ (14.9cm) Full Double Scrim (2209102)  
Item # DEFSDR200Z ........... 13.50
5¾ (14.9cm) Half Single Scrim (2209103)  
Item # DESHSR200Z ........... 12.95
5¾ (14.9cm) Half Double Scrim (2209104)  
Item # DESSHDR200Z ........... 12.95
Scrim Bag (8031)  
Item # DESBRR200Z ........... 19.95

**PHOTOMETRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>10’ (3m)</td>
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<td>5098</td>
<td>54,854</td>
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<tr>
<td>20’ (6.1m)</td>
<td>2.1’ (0.6m)</td>
<td>1274</td>
<td>13,708</td>
<td>16.5</td>
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<tr>
<td>30’ (9.1m)</td>
<td>3.1’ (0.9m)</td>
<td>566</td>
<td>6090</td>
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<tr>
<td>40’ (12.2m)</td>
<td>4.2’ (1.3m)</td>
<td>319</td>
<td>3432</td>
<td>8.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
The new focusable 400 watt PAR uses a single ended HMI lamp. The unit utilizes 5 different lenses to permit various light distribution. The 400 watt PAR is available in kit form and is available with various accessories. The new 400 watt unit is perfect for ENG, photo and video work. All Desisti products have a 2-year warranty. The 400 watt PAR utilizes the Desisti 200/400 watt digital electronic ballast.

**ACCESSORIES**

**5-Piece Lens Set (2305200)**
- Item # DELSR200Z .......... 494.95

**Case for Lens Set (2308100)**
- Item # DECIR200Z ....... 229.95

**4-Leaf Rotating Barndoor (2306100)**
- Item # DEBD9R200Z .......... 67.50

**Colorframe (2207100)**
- Item # DECFR200Z ......... 19.50

**5˝ (14.9cm)**

**Full Single Scrim (2209101)**
- Item # DESFSR200Z .......... 13.50

**Full Double Scrim (2209102)**
- Item # DESDR200Z .......... 13.50

**Half Single Scrim (2209103)**
- Item # DESHR200Z .......... 12.95

**Half Double Scrim (2209104)**
- Item # DESHDR200Z .......... 12.95

**Very Narrow Spot Lens with Holder Ring & Handle (2305151)**
- Item # DEVSPR200 ......... 86.50

**Set of 4 Scrim (2209100)**
- Full single, full double, half single and half double.
- Item # DESSLR200Z ....... 49.95

**Narrow Spot Lens with Holder Ring & Handle (2305152)**
- Item # DENSPR200 .......... 86.50

**Medium Flood Lens with Holder Ring & Handle (2305153)**
- Item # DEMFR200 .......... 86.50

**Extra Wide Flood Lens with Holder Ring & Handle (2305154)**
- Item # DEWFR200 .......... 86.50

**Frosted Fresnel Lens with Holder Ring & Handle (2305155)**
- Item # DEFRLR200 .......... 149.95

**Fly Case for Remington 400W Kit and Accessories, including AC Ballast (2307180)**
- Item # DEFCR400 .......... 403.50

**PHOTO METRICS**

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<thead>
<tr>
<th>NO LENS</th>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tr>
<td>10’ (3m)</td>
<td>1’ (0.3m)</td>
<td>10,736</td>
<td>115,519</td>
<td>64.5</td>
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<tr>
<td>20’ (6.1m)</td>
<td>2.1’ (0.6m)</td>
<td>2688</td>
<td>28,923</td>
<td>45</td>
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<tr>
<td>30’ (9.1m)</td>
<td>3.1’ (0.9m)</td>
<td>1194</td>
<td>12,847</td>
<td>22.5</td>
<td></td>
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<tr>
<td>40’ (12.2m)</td>
<td>4.2’ (1.3m)</td>
<td>672</td>
<td>7231</td>
<td>16.8</td>
<td></td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**LIGHTING TIP**

To compensate for:

Heavyset figure-
- Use short lighting, use low key lighting, use dark clothing, blend body with background tone.

**SYSTEMS**

**Remington 400W SE HMI Par Kit w/o Lamp (2302600S)**
- Consists of:
  1- Remington 400W lamphead
  1- 12’ cable and connector
  1- 4-leaf rotating barndoor
  1- Set of 5 lenses
  1- Fly Case for lenses
  1- A.C. DEB 200/400W dual power flicker free electronic ballast without lamp

- Item # DER400S ............ 2864.50

**Remington 400W SE HMI Par Kit with Lamp (2302610SL)**
- Consists of:
  1- Remington 400W lamphead
  1- 12’ cable and connector
  1- 4-leaf rotating barndoor
  1- Set of 5 lenses
  1- Fly Case for lenses
  1- A.C. DEB 200/400W dual power flicker free electronic ballast
  1- Lamp

- Item # DER400SL .......... 3029.50

**Remington 400W SE HMI Par Kit with Case (2302680KSL)**
- Consists of:
  1- Remington 400W lamphead
  1- 12’ cable and connector
  1- 4-leaf rotating barndoor
  1- Set of 5 lenses
  1- Fly Case for complete kit
  1- A.C. DEB 200/400W dual power flicker free electronic ballast
  1- 4-piece scrim set
  1- Lamp

- Item # DER400EK .......... 3227.50
The new focusable 575 watt PAR uses a single ended HMI lamp. The unit utilizes 5 different lenses to permit various light distribution. The 575 watt PAR is available in kit form and is available with various accessories. The new 575 watt unit is perfect for ENG, photo and video work. All Desisti products have a 2-year warranty. The 575 watt PAR utilizes the Desisti 575 watt digital electronic ballast or the 575/1200 watt combo ballast.

Remington 575W
- Item # DER575Q ............1385.95
- “DEB” 575W Flicker Free Electronic Ballast 120/220V (2505200)
  - Item # DEEBR575 ..........1451.95
- 25’ Head to Ballast Cable (2001200)
  - Item # DECB25R575Z .223.50

50° Head to Ballast Cable (2001200)
- Item # DECHB50R575Z .269.95

575W Single Ended HMI Lamp
- Item # GBH575R ..........209.95

For Ballast Specifications, see page 496

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PHOTOMETRICS

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>1’ (0.3m)</td>
<td>15,750</td>
<td>169,470</td>
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<tr>
<td>20’ (6.1m)</td>
<td>2.1’ (0.6m)</td>
<td>3938</td>
<td>42,373</td>
<td>45</td>
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<tr>
<td>30’ (9.1m)</td>
<td>3.1’ (0.9m)</td>
<td>1750</td>
<td>18,830</td>
<td>36</td>
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<tr>
<td>40’ (12.2m)</td>
<td>4.2’ (1.3m)</td>
<td>984</td>
<td>10,588</td>
<td>22</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

SPECIFICATIONS

Weight: 14.3 lbs. (6.5kg)
Dimensions: 12.2 x 10.3 x 14.7” (WHD) (311 x 262 x 374mm)

SYSTEMS

Remington 575W SE HMI Par Kit w/o Lamp (2312603S)
Consists of:
- 1 Remington 575W lamphead
- 1- 6’ cable and connector
- 1- 4-leaf rotating barndoor
- 1- Set of 5 lenses
- 1- Fly Case for lenses
- 1- DEB 575W flicker free electronic ballast without lamp

Item # DER5755 ..........3764.95

Remington 575W SE HMI Par Kit with Lamp (2312610SL)
Consists of:
- 1 Remington 575W lamphead
- 1- 6’ cable 1- Wireguard
- 1- 25’ extension cable
- 1- 4-leaf rotating barndoor
- 1- Set of 5 lenses
- 1- Fly Case for lenses
- 1- DEB 575W flicker free electronic ballast
- 1- Lamp

Item # DER575SL ..........3933.50

Remington 575W SE HMI Par Kit with Case (2312680KSL)
Consists of:
- 1 Remington 575W lamphead
- 1- 6’ cable 1- Wireguard
- 1- 25’ extension cable
- 1- 4-leaf rotating barndoor
- 1- Set of 5 lenses
- 1- Fly Case for complete kit
- 1- DEB 575W flicker free electronic ballast
- 1- 4-piece scrim set
- 1- Lamp

Item # DER575K ..........4053.50

Dimensions:
- 12.2 x 10.3 x 14.7” (WHD)
- 311 x 262 x 374mm

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1-800-947-9941 • www.bhphotovideo.com

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The new focusable 1200 watt PAR uses a single ended HMI lamp. The unit utilizes 5 different lenses to permit various light distribution. The 1200 watt PAR is equipped with various accessories. The new 1200 watt unit is perfect for large film shoots. All Desisti products have a 2-year warranty. The 1200 watt PAR utilizes the Desisti 575/1200 watt combo ballast.

**PHOTO METRICS**

**NO LENS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>1.9° (0.6m)</td>
<td>9675</td>
<td>104,103</td>
<td>64.5</td>
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<tr>
<td>30’ (9.1m)</td>
<td>2.9° (0.9m)</td>
<td>4300</td>
<td>46,268</td>
<td>45.5</td>
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<tr>
<td>40’ (12.2m)</td>
<td>3.8° (1.2m)</td>
<td>2419</td>
<td>26,028</td>
<td>36</td>
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<tr>
<td>50’ (15.2m)</td>
<td>4.8° (1.5m)</td>
<td>1548</td>
<td>16,656</td>
<td>22.8</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**LIGHTING TIP**

To compensate for:
- Deep set eyes - Lower main light, use lower light ratios.
- Protuding eyes - Have the subject look slightly downwards.

For Ballast Specifications, see page 496
The new focusable 2500/4000 watt PAR uses a single ended HMI lamp. The unit utilizes 5 different lenses to permit various light distribution. The 2500/4000 watt PAR is equipped with various accessories. The new 2500/4000 watt unit is perfect for large film shoots. All Desisti products have a 2-year warranty. The 2500/4000 watt PAR utilizes the Desisti 2500/4000 watt combo ballast.
REMINGTON 6000W PAR

The new focusable 6000W PAR uses a single ended HMI lamp. The unit utilizes 5 different lenses to permit various light distribution. The 6000W PAR is equipped with various accessories. The new 6000W unit is perfect for larger film shoots requiring long throws. All Desisti products have a two year warranty. The 6000W PAR utilizes the Desisti 4000/6000 watt combo ballast.

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Remington 6000 (2350)
Item # DERP6K .................4553.95
4000/6000W Electronic Ballast
220V AC (2545200)
Item # DEDEB6000 .............5543.95
25´ Head to Ballast
Cable (2441100)
Item # DECHB25ARP6K .......434.95
50´ Head to Ballast
Cable (2441200)
Item # DECHB50ARP6K .......524.95
6000W Single Ended
HMI Lamp
Item # GBHS6000 .............1595.90

For Ballast Specifications, see page 496

SPECIFICATIONS

Weight: 100.9 lbs. (45.7kg)
Dimensions: 32.7 x 23.7 x 28.2” (WHD)
(832 x 604 x 717mm)

SYSTEMS

Remington 6000W Kit
with Ballast (2350600S)
Consists of:
1- Remington 6000W lamphead
1- 25’ head to ballast cable
1- Wireguard
1- 4-leaf rotating barndoor
1- Set of 5 lenses
1- Fly Case for lenses
1- DEB 4000/6000W dual power
flicker free electronic ballast
without lamp
Item # DERP6KMK ..............12,539.95

Remington 6000W Kit
with Lamp (2350610SL)
Consists of:
1- Remington 6000W lamphead
1- 25’ head to ballast cable
1- Wireguard
1- 4-leaf rotating barndoor
1- Set of 5 lenses
1- Fly Case for lenses
1- DEB 4000/6000W dual power
flicker free electronic ballast
1- Lamp
Item # DER6KEL ...............14,288.95

Remington 6000W
Head Kit (2350690KHL)
Consists of:
1- Remington 6000W lamphead
1- 25’ head to ballast cable
1- Wireguard
1- 4-leaf rotating barndoor
1- Fly Case for complete kit
1- 4-piece scrim set
1- Lamp
without Ballast and Lenses
Item # DERP6KEKQ ............7859.95

PHOTOMETRICS

FLOOD

Distance | Beam Diameter | Footcandles | Lux | F-Stop*
---------|---------------|-------------|-----|-----
25’ (7.6m) | 3.3’ (1m) | 17,953 | 193.174 | -
50’ (15.2m) | 6.6’ (2m) | 4500 | 48,420 | 36.5
75’ (22.9m) | 9.8’ (3m) | 2000 | 21,520 | 22
100’ (30.5m) | 13.1’ (4m) | 1125 | 12,105 | 16.5

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

Remington 6000W Par
LIGHTING TIP

To compensate for:
Prominante forehead-
Tilt chin upward and lower camera position.

Long nose-
Tilt chin upward, position face directly toward lens, lower the main light, and lower camera position.
The new focusable 6000/12,000 watt PAR uses a single ended HMI lamp. The unit utilizes 5 different lenses to permit various light distribution. The 6000/12,000 watt PAR is equipped with various accessories. The new 6000/12,000 watt unit is perfect for larger film shoots requiring long throws. All Desisti products have a 2-year warranty. The 6000/12,000 watt PAR utilizes the Desisti 6000/12,000 watt combo self diagnostic, electronic ballast.

**ACCESSORIES**

- **5-Piece Lens Set** (2375200) Item # DELS5RP612K ... 2947.50
- **Case for Lens Set** (2378100) Item # DEFCLS5612K ....... 374.95
- **4-Leaf Barndoor** (496100) Item # DEBDL10K ........... 292.50
- **Color Frame** (497100) Item # DECFL10K .............. 89.95
- **Full Single Scrim** (498101) Item # DESFSL10K ........ 120.00
- **Half Single Scrim** (499103) Item # DEHSL10K .......... 69.95
- **Half Double Scrim** (499104) Item # DEHDL10K .......... 69.95
- **Four Piece Scrim Set** (498100) Item # DESS4L10K ........ 303.95
- **Narrow Spot Lens with Holder Ring & Handle** (2375151) Item # DENSPR612K ...... 1737.50
- **Medium Flood Lens with Holder Ring & Handle** (2375152) Item # DEMFR612K ...... 442.50
- **Wide Flood Lens with Holder Ring & Handle** (2375153) Item # DEWFR612K ...... 442.50
- **Extra Wide Flood Lens with Holder Ring & Handle** (2375154) Item # DXEWF612K ...... 442.50
- **Frosted Fresnel Lens with Holder Ring & Handle** (2375255) Item # DREFL612K ...... 1177.50
- **Fly Case for DEB 6/12K Dual Ballast** (2555601) Item # DEFCDEB612K ...... 749.95
- **Fly Case for Remington 6/12K and Accessories** (2378180) Item # DEFCR612K ...... 1049.95

**PHOTOMETRICS WITH 12,000W LAMP**

**FLOOD**

<table>
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<th>Distance</th>
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<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>25’</td>
<td>3.3’ (1m)</td>
<td>23,698</td>
<td>254,990</td>
<td>-</td>
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<tr>
<td>50’</td>
<td>6.6’ (2m)</td>
<td>5940</td>
<td>63,924</td>
<td>64</td>
</tr>
<tr>
<td>75’</td>
<td>9.8’ (3m)</td>
<td>2640</td>
<td>28,406</td>
<td>36.5</td>
</tr>
<tr>
<td>100’</td>
<td>13.1’ (4m)</td>
<td>1485</td>
<td>15,979</td>
<td>36</td>
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**SYSTEMS**

- **Remington 6000/12,000W with Ballast** (2370600S) Consists of:
  1. Remington 6000/12,000W lamphead
  2. Wireguard
  3. 25’ head to ballast cable
  4. 4-leaf rotating barndoor
  5. Set of 5 lenses
  6. Fly Case for lenses
  7. DEB 6000/12,000W dual power flicker free electronic ballast
  8. Fly case for ballast without Lamp
  Item # DERP612K ...... 18,858.95

- **Remington 6000/12,000W with Lamp** (2370610SL) Consists of:
  1. Remington 6000/12,000W lamphead
  2. Wireguard
  3. 25’ head to ballast cable
  4. 4-leaf rotating barndoor
  5. Set of 5 lenses
  6. Fly Case for lenses
  7. DEB 6000/12,000W dual power flicker free electronic ballast
  8. Fly Case for ballast
  9. Lamp
  Item # DERP612KL ....... 22,043.95

- **Remington 6000/12,000W “Head” Kit** (2370690KHL) Consists of:
  1. Remington 6000/12,000W lamphead
  2. Wireguard
  3. 25’ head to ballast cable
  4. 4-leaf rotating barndoor
  5. Fly Case for complete kit
  6. 4-piece scrim set
  7. Lamp
  Item # DERP612KLC ....... 12,109.95

**LIGHTING TIP**

- **To compensate for:**
  - Narrow chin:
    - Tilt chin upward.
  - Baldness:
    - Lower camera position, blend the top of the head with the background.
Using a 400 watt single ended HMI lamp, the Goya unit provides a 130°, flat, even, smooth light field. The compact design is perfect for Video and ENG kits. Fitted with a light bank, the Goya is perfect for photography and soft lighting. The Mini Goya fits on all junior stands and comes equipped with a head to ballast cable. The Mini Goya is available with a 200/400 watt dual electronic ballast or can adapt to other ballast manufacturers.

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (Width x Height)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tr>
<td>10 (3.0m)</td>
<td>22.2 x 19' (6.8 x 5.8m)</td>
<td>85</td>
<td>915</td>
<td>8</td>
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<td>20 (6.1m)</td>
<td>44.4 x 38' (13.5 x 11.6m)</td>
<td>21</td>
<td>226</td>
<td>2.85</td>
</tr>
<tr>
<td>30 (9.1m)</td>
<td>66.6 x 56.9' (20.3 x 17.3m)</td>
<td>9</td>
<td>97</td>
<td>1.8</td>
</tr>
<tr>
<td>40 (12.2m)</td>
<td>88.8 x 75.9' (27.1 x 23.1m)</td>
<td>5</td>
<td>54</td>
<td>1.4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The 1200 watt Goya utilizes a 1200W single ended HMI lamp. The unit provides a 130° flat, even field. The broad beam is perfect for even lighting through screens/silks and in applications that require lighting a large area from a close distance. Equipped with a black reflector the Goya becomes a “shadow” effect light.

**Features**
- Lightweight stainless steel housing, anti-magnetic for low noise
- Heavy duty tubular yoke
- Black powdercoat epoxy finish
- Knob for bulb locking and unlocking with safety cover
- Special ventilation system allows burning in any position
- UV glass with wire guard
- Micro switch on both lamp lock and safety glass.

**Specs**
- **Weight:** 19.4 lbs. (8.85kg)
- **Dimensions:**
  - 14.6 x 16.4 x 8.2” (W H D)
  - (371 x 417 x 210mm)
- **Systems**
  - Goya 1200W HMI Broadlight Kit with Ballast (2730600S)
    - Consists of:
      1. Goya 1200W lamphead
      2. UV protecting glass and safety glass
      3. 25’ head to ballast cable
      4. 8-leaf barndoor
      5. DEB 575/1200W dual power flicker free electronic ballast
      6. Lamp
    - Item #DEG1.2KMK ....... 4098.50
  - Goya 1200W HMI Broadlight Kit with Lamp (2730610SL)
    - Consists of:
      1. Goya 1200W lamphead
      2. UV protecting glass and safety glass
      3. 25’ head to ballast cable
      4. 8-leaf barndoor
      5. DEB 575/1200W dual power flicker free electronic ballast
      6. Lamp
    - Item #DEG1.2KEK ........ 4296.50
  - Goya 1200W HMI Broadlight Kit with Case (2730680KSL)
    - Consists of:
      1. Goya 1200W lamphead
      2. UV protecting glass and safety glass
      3. 25’ head to ballast cable
      4. 8-leaf barndoor
      5. DEB 575/1200W dual power flicker free electronic ballast
      6. Fly case for complete kit
      7. Lamp
    - Item #DEG1.2KEKQ ....... 4789.95

**Photometrics**
- **1 foot candle = 10.76 lux. F-stops provided as a general guide only.**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (Width x Height)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<td>20’ (6.1m)</td>
<td>33.6 x 40’ (10.2 x 12.2m)</td>
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<td>829</td>
<td>5.65</td>
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<td>30’ (9.1m)</td>
<td>50.4 x 60’ (15.4 x 18.3m)</td>
<td>34</td>
<td>366</td>
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<td>40’ (12.2m)</td>
<td>67.2 x 80.1’ (20.5 x 24.4m)</td>
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<td>50’ (15.2m)</td>
<td>84 x 100.1’ (25.6 x 30.5m)</td>
<td>12</td>
<td>129</td>
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*With ISO 100 film @ 1/8 sec.
The 2500/4000 watt Goya utilizes a 2500/4000W single ended HMI lamp. The unit provides a 130° flat, even field. The broad beam is perfect for even lighting through screens/silks and in applications that require lighting a large area from a close distance. Equipped with a black reflector the Goya becomes a "shadow" effect light. A wide range of accessories are available with the Goya. The 2500/4000 watt Goya utilizes the Desisti 2500/4000 watt combo ballast.
The 6000/12,000 watt Goya utilizes a 6000/12,000 single ended HMI lamp. The broad beam is perfect for even lighting through screens/silks and in applications that require lighting a large area from a close distance. Equipped with a black reflector, the Goya becomes a “shadow” effect light. A wide range of accessories are available with the Goya. The 6000/12,000W Goya utilizes the Desisti 6000/12,000W Dual Electronic Ballast.

**Lighting Tip**

Double chin: Raise the main light, tilt chin upward, use a high camera position.

Facial defects: Scars/birthmarks keep hidden on the shadowed side of face.

### Accessories

- **Wireguard** (2755100)
  - Item # DEWGG6K .......... 127.50
- **8-Leaf Barndoor** (2756200)
  - Item # DEBD8G612K ....... 374.95
- **Four Piece Scrim Set** (2759100)
  - Item # DESS4G612K .... 404.95
- **Full Single Scrim** (2759101)
  - Item # DESSFG612K .... 104.95
- **Full Double Scrim** (2759102)
  - Item # DEFDSG612K .... 104.95
- **Half Single Scrim** (2759103)
  - Item # DEHSCG612K .... 104.95
- **Half Double Scrim** (2759104)
  - Item # DEHDSG612K .... 104.95
- **Diffusion Glass** (27502)
  - Item # DEDGG612K ....... 299.95
- **Fly Case for Goya 6/12W Head and Accessories w/o Ballast** (2750601)
  - Item # DEFCG612K .... 903.95
- **Fly Case for DEB 6/12W Lamp without Ballast**
  - Item # DEFCDEB612K .... 749.95

### Photometrics

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (W x H)</th>
<th>F.C.</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tbody>
<tr>
<td>25' (7.6m)</td>
<td>47.5 x 47.5' (14.5 x 14.5m)</td>
<td>252</td>
<td>2712</td>
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<tr>
<td>50' (15.2m)</td>
<td>94.9 x 94.9' (28.9 x 28.9m)</td>
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<td>75' (22.9m)</td>
<td>142.3 x 142.3' (43.4 x 43.4m)</td>
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<td>100' (30.5m)</td>
<td>189.8 x 189.8' (57.5 x 57.9m)</td>
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* F-stops provided as a general guide only. **With ISO 100 film @ 1/8 sec.
## Deisti Ballasts

### DEB 200W DC

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tr>
<td>DEACDEBR200</td>
<td>DEB 200W DC</td>
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### DEB 200/400W

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<tr>
<td>DEBER400</td>
<td>DEB 200/400W</td>
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### DEB 2500/4000W

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<tbody>
<tr>
<td>DEDEB2500</td>
<td>DEB 2500/4000W</td>
<td>4157.95</td>
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### DEB 6000/12,000W

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<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>DEDEB612K</td>
<td>DEB 6000/12,000W</td>
<td>7919.95</td>
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</table>

For any inquiries regarding your order, call our customer service:

(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
This 575 watt HMI system is comprised of a head and an electronic ballast. The head is capable of using all Elinchrom accessories (see the Elinchrom strobe section for a complete accessory listing) making it a truly versatile tool for all kinds of image making including video production and photography. The head’s built-in fan keeps the 575 watt single ended hot re-strike HMI lamp cool helping to prolong its life. Mounted inside the head is a thermal cutoff breaker that monitors the operating temperature of the lamp and restricts power to it, in case it becomes too hot. A Pyrex glass dome filters out the UV (ultraviolet) light produced by the HMI lamp. Because HMI lamps produce a significant amount of UV light, this unit should not be operated without the UV glass dome installed. The light head features a built-in digital hour counter that keeps track of how many hours the lamp has been used. A 13 foot head cable which is also attached to the head connects to the Elinchrom electronic ballast. The ballast which is 38% dimmable provides flicker free operation and runs on 90-135 volts. Dimming the ballast will result in a shift in color temperature, a cooling fan inside the ballast keeps its components cool and operating efficiently and is teamed with a thermal cut-off breaker to prevent overheating. A rocker switch controls power to both the ballast and head is mounted on top of the ballast along with a push button switch which controls power to the head only. The system comes complete with the light head, ballast, 16 foot A/C power cord, protective lamp cover and a molded plastic carry case. Lamp and reflector are not included.

**HEAD SPECIFICATIONS**

- **Maximum Output:** 15,000 Lux (f/16.2 @ 1/30 Sec., ISO 100, 6.4 ft. with 48° Reflector).
- **Color Temperature:** 5600K at full power.
- **Safety Features:** Digital Elapsed-Time lamp meter, Matt UV protection dome (included), Internal cooling fan and thermal cut-off breaker.
- **Weight with Cable:** 13 lbs (5.9kg).
- **Dimensions:** 11¼ x 5½” (29x13cm)

**BALLAST SPECIFICATIONS**

- **Power Requirements:** 90-135VAC / 50/60HZ / 10 amps.
- **Safety Features:** SEV and VED Interface Suppression, Rapid-Acting 10AF Fuse, internal cooling fan and automatic thermal cut-off breaker.
- **Weight:** 6.12 lbs (2.8kg).
- **Dimensions:** 8¼ x 7½ x 5¼” (22 x 19 x 13cm)

**FEATURES**

- Versatile tool for all kinds of image making including video production and photography.
- Built-in head fan keeps head cool prolonging life.
- Internal thermal cutoff monitors operating temperature and restricts power to head if it becomes too hot.
- Pyrex dome filters out UV light.
- Light head has built-in digital hour counter, keeping track of hours used.
- Ballast is 38% dimmable and provides flicker free operation.
- Internal ballast cooling fan keeps components cool and a thermal cut off switch prevents overheating.

**DAYLIGHT 575**

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<td>Daylight 575 HMI</td>
<td>3526.50</td>
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<tr>
<td>ELDL575KQ</td>
<td>Same as above with lamp.</td>
<td>3803.50</td>
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<td>GBH5575HR</td>
<td>575W SE HMI Lamp</td>
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**ACCESSORIES**

- 575W SE HMI Lamp
- Item # GBH5575HR

**ORDER & INFORMATION**

(212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008

1-800-947-9941 • www.bhphotovideo.com
These revolutionary new softboxes feature the “Rotalux” rotating speedring mount for exact angle positioning, spring-loaded self-locking struts for fast, easy set-up and durable snap fasteners to quickly attach the inner diffuser. Edge-to-edge front diffusers allow any of the softboxes to be banked together, creating custom shapes or larger sizes on demand. The geometrics of the Rotalux softboxes are precisely engineered to the focal length and light pattern unique to all Elinchrom flash heads. This feature, along with the “double diffusion” design ensures the exceptional evenness and softness Elinchrom softboxes are famous for. Additionally, all units can be used with or without either of the two diffusers to further control the specular quality of light.

**SQUARE**

27” x 27” Rotalux Softbox (26178)
Suitable for small objects and head-and-shoulder portrait work. Supplied with 2 diffusers.
Item # ELSB2727Q ..........157.50

Round Diffuser (26238)
Round front diffuser for 27” x 27” softbox.
Item # ELDSB2727 ..........129.95

39” x 39” Rotalux Softbox (26179)
The ideal softbox for most photographers. It makes a superb light source for portraiture & still life. Supplied with 2 diffusers.
Item # ELSB3939Q ..........209.95

Round Diffuser (26237)
Round front diffuser for 39” x 39” softbox.
Item # ELDSB3939 ..........139.95

**OCTAGONAL**

39” Rotalux Mini Octa (26183)
Item # ELLMO 39 ............185.95

53” Rotalux Junior Octa (26184)
Item # ELLMO 53 ............229.00

**RECTANGULAR**

14” x 35” Rotalux Mini Recta (26180)
Item # ELLBMR1435 ........154.95

6” x 35” Strip Diffuser (26268)
Item # ELSDM 635 ...........22.95

20” x 51” Rotalux Jr. Recta (26181)
Item # ELLBM R2051 ........228.50

6” x 51” Strip Diffuser (26269)
Item # ELSDM 651 ...........67.95

10” x 51” Strip Diffuser (26270)
Item # ELSDM 1051 ..........66.95

**MAXISOFT AND MINISOFT REFLECTORS**

Parabolic “Pan” reflector with adjustable deflector shield for eliminating specular light from flash tube, and redirecting it back into reflector. Ideal for portrait and commercial photography where broad, soft, even lighting is required, but has more crispness than a softbox. Includes a silver deflector for neutral color balance, and a gold deflector for a warming effect. Available in silver for maximum brightness, or white for more softness. An optional stretch-fit white nylon diffuser is also available for maximum softness.

27” Silver Maxisoft (26167)
Item # ELR27 ..................229.95

27” White Maxisoft (26169)
Item # ELR27W .................229.95

27” Stretch-Fit White Diffuser (26235)
Item # ELDR27 .................39.95

Silver & Gold Deflector Set (Repl.) (26304)
Item # ELDSR27 .................59.50

17” Silver Minisoft (26166)
Item # ELRMS17 .................136.95

17” White Minisoft (26168)
Item # ELR17W .................123.95

17” Stretch-Fit White Diffuser (26232)
Item # ELDR17 .................22.95

Silver & Gold Deflector Set (Repl.) (26303)
Item # ELDSM SR .................47.50
Elinchrom offers an extensive system of versatile, efficient reflectors for every lighting application. Each reflector is precisely designed to match the optical characteristics of Elinchrom heads, ensuring the clean, even light coverage Elinchrom is famous for. Reflectors are compatible with compacts, standard pack heads, Scanlite and HMI. A patented, durable bayonet locking system provides positive instant mounting. Regardless of your photographic specialty, there’s an Elinchrom reflector to help you realize your creative vision.

6½” 90° Umbrella Reflector (26143)
Gives wide, even umbrella coverage (no center hot spot), even at close flashtube-to-umbrella distance. Supplied with all location outfits.
Item # ELR6................................43.95

7" 60° Grid Reflector (26144)
For use with existing 7” circular honeycomb grids from Elinchrom and various other manufacturers.
Item # ELR7................................34.95

8½” 50° Standard Reflector (26141)
Elinchrom’s most popular, general purpose reflector. It’s used with the accessory holder to accommodate gels, barndoors and honeycomb grids.
Item # ELR8..................................49.95

9½” 135° Wide Angle Reflector (26164)
Exceptionally even 135° wide angle coverage.
Item # ELR9.5...............................42.95

Background Reflector (26165)
Designed to be used low and behind a portrait subject, casts a graduated oval pattern on the background. Can also be used for backlighting a subject.
Item # ELR10..............................84.50

15½” Maxi Lite Reflector 43° (26147)
Ideal for sunlight effects through windows, creates hard brilliant highlights.
Item # ELMR ..................................92.50

15½” Maxi Spot Reflector 29° (26149)
The same shape as the Maxi Lite reflector, but produced with brilliant finish for very high efficiency. Throws light even over longest distances. A narrow powerful beam that creates deep, sharp shadows.
Item # ELMR5..................79.50

17½” 80° Square Reflector (26146)
This is Elinchrom’s most versatile reflector. It includes a diffuser and honeycomb grid and is really three reflectors in one. Without the diffuser and honeycomb, it’s a soft, 80° wide angle reflector with a specular center. Add the diffuser and you have something between an umbrella and a softbox; more controllable than an umbrella, but crisper than a softbox. Use the honeycomb grid, and you create a very directional 32° soft light with many applications for portraiture and still life photography.
Item # ELMR17..........................289.95

Snoot Reflector (26425)
Provides a directional, narrow circle of light for controlled accenting.
Item # ELS.................................49.95
**ACCESSORIES/BARNDOORS/G R I D S**

**E L I N C H R O M**

**CONTINUOUS LIGHTING**

**H M**

**ACCESSORIES**

Barn Doors

All Elinchrom barndoors are hinged and have a heat resistant, non reflective black finish. They can be fitted to the side of an Accessory Holder (26034 or 26035), the R heads, Box Lite, the Square Reflector and the S35 Spotlite. They are available in 3 sizes.

- **8¼” Barndoor Set** (26039)
  Consists of 5 sets of different sized barndoors (4-black and 1-silver) and an Accessory Holder (26034).
  Item # ELBD8.25 .......... 133.95
- **10¼” Barndoor Set** (26040)
  Consists of 3 pairs of barndoors: 2 sets of 10¼”x 6⅛” black and 1 Tapered Set. Supplied with Accessory Holder (26035).
  Item # ELBD10.25 .......... 143.95
- **8¼” Single Barndoor** (26009)
  Single leaf (10¼”x 6⅛”) barn-door.
  Item # ELBD 18.25 .......... 26.50
- **17¼” Single Barndoor** (26010)
  Single leaf (17¼”x 13½”).
  Item # ELBD1738 .......... 36.95

Honeycomb Grids

These are used to create soft edged spots of light. They are very efficient in maintaining light output and have many applications. 8⅛” and 10¼” reflectors require Accessory Holder (26034) or (26035).

- **8⅛” 30° Honeycomb Grid** (26028)
  Item # ELG308.25 .......... 52.95
- **8⅛” Honeycomb Grid Set** (26025)
  Consists of:
  - Accessory Holder (26036)
  - 12° Honeycomb Grid (26030)
  - 20° Honeycomb Grid (26029)
  - 30° Honeycomb Grid (26028)
  Item # ELRS8.25 .......... 249.95
- **10¼” 20° Honeycomb Grid** (26017)
  The only honeycomb grid available for the High Performance Reflector (26137). It can be used to reduce the angle of coverage of the reflector with a minimum loss of power.
  Item # ELHG 2010.25 .......... 97.95

Snoot Grids

The “Snoot-Grid” is a professional accessory for the Elinchrom Snoot (26425). The 1.6mm honeycomb gives a sharply defined concentrated light source of exceptional quality. The “Snoot-Grid” is an easy retro fit, with clips to grip the interior of the Snoot.

*Note: The grid necessarily restricts ventilation of the Snoot. Please monitor heat levels at all times. High wattage tungsten lamps or high power multi-flashing are liable to cause overheating.*

Item # ELSG ........................ 36.50

Accessory Holders

Accessory Holders fit onto the front of the reflector and accept a complete system of attachable accessories - grids, filters, diffusers, and barndoors. Their design allows different accessories to be used together. For example: to produce spots of colored light, gels can be used in conjunction with honeycomb grids and then barndoors can be used to avoid flare. The Accessory Holder is rotatable.

Note: The accessory holder is not required when using barn-doors on R Heads, Box Lites, Square Reflector or S35 Spotlite.

For 8⅛” Reflector(s) (26034)
Item # ELAH 8.25 ............ 36.95

For 10¼” Reflector(s) (26035)
Item # ELAH 10 ............... 74.95

Translucent Deflector (26305)
Eliminates sharp shadow edges.
Item # ELDT ...................... 18.95

Snoot Grid (26426)
The “Snoot-Grid” is a professional accessory for the Elinchrom Snoot (26425). The 1.6mm honeycomb gives a sharply defined concentrated light source of exceptional quality. The “Snoot-Grid” is an easy retro fit, with clips to grip the interior of the Snoot.

*Note: The grid necessarily restricts ventilation of the Snoot. Please monitor heat levels at all times. High wattage tungsten lamps or high power multi-flashing are liable to cause overheating.*

Item # ELSG ........................ 36.50

Accessory Holders

Accessory Holders fit onto the front of the reflector and accept a complete system of attachable accessories - grids, filters, diffusers, and barndoors. Their design allows different accessories to be used together. For example: to produce spots of colored light, gels can be used in conjunction with honeycomb grids and then barndoors can be used to avoid flare. The Accessory Holder is rotatable.

Note: The accessory holder is not required when using barn-doors on R Heads, Box Lites, Square Reflector or S35 Spotlite.

For 8⅛” Reflector(s) (26034)
Item # ELAH 8.25 ............ 36.95

For 10¼” Reflector(s) (26035)
Item # ELAH 10 ............... 74.95
# Filters/Sunglasses/Cases

## Filters

- **Diffusion Filters**
  - Manufactured from spun glas material for optimum heat resistance. The effect is to diffuse light as well as slightly reduce output.
  - **Diffusion Filters (Pack of 10)** (26249)
    - For 8½” reflectors. Requires accessory holder (26034).
    - Item # ELD 58.25 ..........26.50
  - **Diffusion Filters (Pack of 10)** (26250)
    - For 10¼” reflectors. Requires accessory holder (36035).
    - Item # ELD 510.25 ..........36.50
  - **Diffusion Filters (Pack of 5)** (26246)
    - For 17¾” reflector (26146).
    - Item # ELD S1738 ..........36.50

- **Color Filter Set of 10** (26243)
  - Made from highly heat resistant polyester for long life and intended for special effects. For 8½” reflectors. Requires accessory holder (26034).
  - Item # ELCFS 8.25 ..........19.95

- **Polarizing Filters**
  - These filters will not alter the color of the light and by rotating the accessory holder, it is possible to remove unwanted reflections from many different surfaces. Can be used as an ND filter as well.
  - **Polarizing Filter for 8½” Reflectors** (26244)
    - Requires accessory holder (26034).
    - Item # ELP 8.25 ..........84.95
  - **Polarizing Filter for 10¼” Reflectors** (26248)
    - Requires accessory holder (26035).
    - Item # ELP 10.25 ..........105.95

## Umbrellas

- **Translucent umbrellas** can be used either to shoot through or to bounce the light. The difference in light output between shooting through and bouncing is very small. The material is neutral and allows about 50% transmission. The white material allows virtually no light to pass through it and makes a very efficient bounce umbrella. It is glossy white and gives similar output to a silver umbrella without harshness. Silver gives the maximum light output. The light reflected is harsher than with the white material. It’s best suited for larger groups when coverage is important. Silver/Gold umbrella provides the light output of a silver umbrella with a warming effect. The Blue umbrella is used for color-correcting tungsten light sources such as the Scanlite when using daylight balanced color films.

## Cases

- **Carrying Case** (33209)
  - Holds 3 Style or Prolinca heads.
  - Item # ELCC .................243.50
- **Carrying Bag** (33224)
  - For 39” x 39” softbox (26150).
  - Item # ELCB3939 .............66.95
- **Carrying Bag** (33220)
  - For carrying two 8’ lightstands.
  - Item # ELLSC ..................59.95
- **Carrying Bag** (33221)
  - For lightbanks.
  - Item # ELCCOB ...............59.95

## Lighting Q&A

**Should my photographic equipment be insured?**

Yes! A robbery could put you out of business. It’s worth the cost of insurance to have the protection of money for replacement.

Lighter and brighter, the new Frezzi Super-Sun Gun (SSG200) is designed to become the new standard in ENG/EFP lighting. Frezzi’s 200 Watt HMI engineered for news gathering, produces a wide flat optical field providing a light output unmatched in its size/weight category. At a distance of 10 feet, the Frezzi Super Sun Gun 200 produces up to 2 times the output of a 400W PAR HMI fixture with a wide angle lens. This incredible output is the direct result of Frezzi’s computer optimized 5˝ open face parabolic reflector. This new 200 Watt fixture, constructed with a strong aluminum housing, weighs only 3½ lbs.

**ACCESSORIES**

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<th>Item #</th>
<th>Description</th>
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<tr>
<td>FRSSGCTO</td>
<td>Drop-In CTO Glass Conversion Filter</td>
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<tr>
<td>159.95</td>
<td>for Super-Sun Gun.</td>
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<tr>
<td>FREC200</td>
<td>25’ Extension Cable</td>
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<tr>
<td>159.95</td>
<td>for Super-Sun Gun.</td>
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<tr>
<td>FRSSGDIF</td>
<td>Drop-In Glass Diffusion Filter</td>
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<tr>
<td>119.95</td>
<td>for Super-Sun Gun.</td>
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<tr>
<td>FRBDSSG</td>
<td>4-Leaf Barndoors for Super-Sun Gun.</td>
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<tr>
<td>89.95</td>
<td>for Super-Sun Gun.</td>
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<td>FRSBSSG</td>
<td>Soft Box w/ Filters for Super-Sun Gun.</td>
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<td>269.95</td>
<td>for Super-Sun Gun.</td>
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<td>FREC200</td>
<td>25’ Extension Cable</td>
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<td>159.95</td>
<td>for Ballast to Light Stand.</td>
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<tr>
<td>FRPA30B</td>
<td>Dual Brick Adapter for connecting 2 14.4V brick batteries for 30V output.</td>
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<td>339.95</td>
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<td>FRBC1</td>
<td>Clamp for Super-Sun Gun.</td>
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<td>Single Head Super-Sun Gun Kit (92701AC)</td>
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**SUPER-SUN GUN 200 KITS**

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<th>Description</th>
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<td>Super-Sun Gun 200</td>
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<td>1249.95</td>
<td>Super-Sun Gun 200</td>
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<tr>
<td>FRBAC200</td>
<td>Frezzi 200W HMI AC Dimmable Ballast 120/240V (95201)</td>
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<td>1239.95</td>
<td>Frezzi 200W HMI AC Dimmable Ballast 120/240V (95201)</td>
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<tr>
<td>FRBDC200</td>
<td>Frezzi 200W HMI DC Dimmable Ballast 30V (95202)</td>
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</tr>
<tr>
<td>5999.95</td>
<td>Dual Head Super-Sun Gun Kit (92702AC)</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- **Light:** 200 Watt Open Face with Parabolic Reflector.
- **Color Temp:** 5600°K.
- **Control:** Smooth Focus Control - Spot to Flood.
- **Lens:** Borosilicate Tempered Safety Glass.
- **Mount:** 5/8˝ Stand Mount.
- **Cable:** 12’ head Cable.
- **Weight:** 3½ lbs. (1.6kg)
- **Dimensions:** 8.6x9.5x4.4˝ (21.8x24.1x11.2cm)

**BALLASTS**

- **Frezzi 200W HMI AC Dimmable Ballast 120/240V (95201)**
  - Auto Voltage Select AC Ballast Weight: 2.0 lbs. (0.9kg)
  - Dimensions: 7.5x5x2˝ (19x12.7x5.1cm)
  - Item # FRBAC200 ........... 1239.95

- **Frezzi 200W HMI DC Dimmable Ballast 30V (95202)**
  - 28-32V DC Ballast Weight: 2.0 lbs. (0.9kg)
  - Dimensions: 5.6x4.25x2.4˝ (14.2x10.8x6.1cm)
  - Item # FRBDC200 ........... 1239.95

- **Frezzi 200W HMI AC Dimmable Ballast 120/240V (95201)**
  - Auto Voltage Select AC Ballast Weight: 2.0 lbs. (0.9kg)
  - Dimensions: 7.5x5x2˝ (19x12.7x5.1cm)
  - Item # FRBAC200 ........... 1239.95

- **Frezzi 200W HMI DC Dimmable Ballast 30V (95202)**
  - 28-32V DC Ballast Weight: 2.0 lbs. (0.9kg)
  - Dimensions: 5.6x4.25x2.4˝ (14.2x10.8x6.1cm)
  - Item # FRBDC200 ........... 1239.95

- **Frezzi 200W HMI AC Dimmable Ballast 120/240V (95201)**
  - Auto Voltage Select AC Ballast Weight: 2.0 lbs. (0.9kg)
  - Dimensions: 7.5x5x2˝ (19x12.7x5.1cm)
  - Item # FRBAC200 ........... 1239.95

- **Frezzi 200W HMI DC Dimmable Ballast 30V (95202)**
  - 28-32V DC Ballast Weight: 2.0 lbs. (0.9kg)
  - Dimensions: 5.6x4.25x2.4˝ (14.2x10.8x6.1cm)
  - Item # FRBDC200 ........... 1239.95
The Joker-Bug 200 has an output comparable to 750/1000 watt quartz fixture, but with a power draw of only 3 Amps. This unit has become a standard for small interiors, interviews, documentaries and car shots. The system operates in 110 and 220V environments as well as on 24/30V belts and packs with the Slimverter. With its PAR type design, the spot to flood ratio (80 to 1) and compactness (non-focusing) provide ease of use and efficiency when using diffusing material. The four lens set and barn-doors help to control the beam angle from 5 to 65°.

**Weight:** 3.5 lbs.  
**Dimensions:** 8 x 7 3/4 x 6” (LHW).
Joker-Bug 400

400W Electronic Ballast (B0400E)
The 400W multi-voltage electronic ballast, required to power the light, is convection cooled and runs on A/C voltages of 90-132 and 180-265. A selector switch enables the operator to select which voltage the ballast will operate on. Also on the ballast is an on/off switch that controls all power to the ballast and light head. The ballast can also be used to power the light from a D/C battery. When D/C operation is required, the voltage converting “Slimverter” must also be used.

Item # K5BP400J400 ... 1198.95

25’ Head to Ballast Cable (C0900U)
Item # K5CECJ400 ........... 249.95

400W 30V Slimverter (A0400SL)
The same features as the 200W model with one exception. It has two cables, each with an Amphenol connector. Each cable attaches to separate 30V battery that has a compatible connector. It will run the Bug-light 400 for 26 minutes on two 30V 4-amp/hour batteries and 45 minutes on two 30V 7-amp/hour batteries. Weight: 3 lbs. Dimensions: 6¾ x 2⅝ x 5” (LHW). Item # K5SJ400 ............ 626.50

ACCESSORIES

News Beamer (A0400BMN)
Item # K5BNJB400 ........... 875.00

Glass CTO Filter (A0400CF)
Item # K5FCJ400 ............. 64.50

4-Leaf Barndoor (A0400BD)
Item # K5BDJ400 ............ 69.95

Lens Bag w/5 Partitions (A0400LB)
Item # K5LB ............. 52.50

Frosted Fresnel Lens (A0400FF)
Item # K5LFJ400 ............ 63.00

Medium Flood Lens (A0400MF)
Item # K5LMFJ400 ............ 42.00

Wide Flood Lens (A0400WF)
Item # K5LWFJ ............ 42.00

Super Wide Flood Lens (A0400SW)
Item # K5LSWFJ400 .......... 42.00

Speed Ring Adapter Mount (A0400AM)
Item # K5SRBL400 .......... 91.00

Chimera Lightbank Video Pro Xtra Small Plus
Item # CHVPPBXS ............ 146.95

Clear Pyrex UV Protection Beaker (P0400CG)
Item # K5BCUVJ400 ........... 84.95

400W Single Ended HMI Lamp
Item # GBHS400 ............ 219.95

PHOTO METRICS

WITH FROSTED FRENSNEL LENS

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’</td>
<td>7.9x7.9’</td>
<td>144</td>
<td>1549</td>
<td>5.6%</td>
</tr>
<tr>
<td>15’</td>
<td>12x12’</td>
<td>64</td>
<td>689</td>
<td>4%</td>
</tr>
<tr>
<td>20’</td>
<td>16x16’</td>
<td>36</td>
<td>367</td>
<td>28%</td>
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</table>

WITH SUPER WIDE LENS

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’</td>
<td>11x11’</td>
<td>188</td>
<td>2023</td>
<td>8</td>
</tr>
<tr>
<td>15’</td>
<td>17x17’</td>
<td>84</td>
<td>904</td>
<td>4%</td>
</tr>
<tr>
<td>20’</td>
<td>22x22’</td>
<td>47</td>
<td>506</td>
<td>4</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With 400 ASA film @ 1/50 sec.

Joker News 400

To create the Joker News 400 requires virtually no set up time at all.

Just add the News Beamer and you’re ready for action.

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
After the enormous popularity of the Joker-Bug 200 and 400, the Joker-Bug 800 full f-Stop increment seemed logical. The next size up (1200W) monopolizes a full circuit whereas the Joker-Bug 800 will allow for another source as a 400 while delivering twice the output of that 400. The Joker-Bug 800 is comparable to a 3200/4000W quartz fixture but with a power draw of only 12.5 Amps. In the “Bug-Lite” mode (no optics) the main application is in traditional Lightbanks as well as Lanterns, collecting the maximum output of the lamp and filling the front screen very evenly. It is very powerful in daylight interiors and can operate in any position including pointing straight down. The Beamer optical accessory turns the Bug-Lite into a Joker-Bug, a directional PAR unit offering various beam patterns through quick lens changes. The Joker-Bug 800 offers the most flexible optical configuration for location lighting. The Joker-Bug 800 is delivered with a Clear Glass Beaker when reaching for full intensity is important, and Frosted Glass Beaker when light quality is the prime concern. The lamp with its G22 base remains very compact and easily transportable. The small, quiet ballast can be hidden anywhere and plugs in any circuit without risk of overloading.
The Joker 1200, like all Joker type fixtures is a PAR (64) using a specular parabolic reflector. This 1200W HMI uses a special lamp, engineered by Phillips, which allowed K5600 to reduce the size of the unit and to create a compact kit. This light unit uses 9˝ accessories. Lamps must be purchased separately. Weight: 11 lbs. Dimensions: 12 x 18 x 103⁄4˝ (LHW).

**LIGHTING TIP**

*Angular nose-
Minimize feature by turning the face directly toward the lens.*

*Broad face-
Raise the camera position, use short lighting, turn the face at a 3/4 position.*

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux (ft-candles/ft²)</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10'</td>
<td>7.7 x 7.7</td>
<td>383</td>
<td>4121</td>
<td>11</td>
</tr>
<tr>
<td>15'</td>
<td>12 x 12</td>
<td>170</td>
<td>1829</td>
<td>5.6%</td>
</tr>
<tr>
<td>20'</td>
<td>15 x 15</td>
<td>96</td>
<td>1033</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With 400 ASA film @ 1/50 sec.

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (ft)</th>
<th>Footcandles</th>
<th>Lux (ft-candles/ft²)</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>10'</td>
<td>10 x 10</td>
<td>619</td>
<td>6660</td>
<td>11%</td>
</tr>
<tr>
<td>15'</td>
<td>15 x 15</td>
<td>275</td>
<td>2959</td>
<td>8%</td>
</tr>
<tr>
<td>20'</td>
<td>20 x 20</td>
<td>155</td>
<td>1668</td>
<td>5.6%</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With 400 ASA film @ 1/50 sec.
The BlackJack 400 complements the compact line of Joker-Bug with a very small clean Fresnel instrument capable of very wide, yet controllable, beam patterns. The typical design of a Fresnel lensed instrument consists of placing the lamp at the focal point of the lens to achieve a “SPOT”. K5600 has basically devised a variable geometry unit in which the overall housing has been split in two collapsible parts. The Drop-in Fresnel lenses are removable, allowing quick access to the popular “Open Eye” (no lens) sharp shadow projection mode. Two Fresnels are offered: a Soft (74 x 25° beam patterns) and a Spot (44 x 6°). The Barndoor for such a wide beam system behaves more like miniature flags capable of reaching far past the lens in front or back of it. The front end is outfitted with special plugs made to receive Chimera poles. The back cover of the unit supports all the ignition electronics, the lamp, its socket and its reflector, reducing maintenance intervention as well as downtime. It can also be replaced by a tungsten back converting the unit into 600W, 3200° Kelvin. The BlackJack 400 Kit with Tungsten Option (K0400BJKT) consists of:

- 1- BlackJack 400W Head
- 1- Lamp MSR/SE 400W, 5600K
- 1- Electronic Power Supply
- 1- 25’ Extension Cable
- 1- Fresnel Soft with Ring
- 1- Fresnel Spot with ring
- 1- BlackJack Barndoor
- 1- Tungsten Back for incandescent lamps (NE7)
- 1- Carrying Case for the BlackJack and tungsten.

Item #K5BJ400TK ..........5098.95

The BlackJack 400 complements the compact line of Joker-Bug with a very small clean Fresnel instrument capable of very wide, yet controllable, beam patterns. The typical design of a Fresnel lensed instrument consists of placing the lamp at the focal point of the lens to achieve a “SPOT”. K5600 has basically devised a variable geometry unit in which the overall housing has been split in two collapsible parts. The Drop-in Fresnel lenses are removable, allowing quick access to the popular “Open Eye” (no lens) sharp shadow projection mode. Two Fresnels are offered: a Soft (74 x 25° beam patterns) and a Spot (44 x 6°). The Barndoor for such a wide beam system behaves more like miniature flags capable of reaching far past the lens in front or back of it. The front end is outfitted with special plugs made to receive Chimera poles. The back cover of the unit supports all the ignition electronics, the lamp, its socket and its reflector, reducing maintenance intervention as well as downtime. It can also be replaced by a tungsten back converting the unit into 600W, 3200° Kelvin. The BlackJack 400 Kit with Tungsten Option (K0400BJKT) consists of:

- 1- BlackJack 400W Head
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- 1- Electronic Power Supply
- 1- 25’ Extension Cable
- 1- Fresnel Soft with Ring
- 1- Fresnel Spot with ring
- 1- BlackJack Barndoor
- 1- Tungsten Back for incandescent lamps (NE7)
- 1- Carrying Case for the BlackJack and tungsten.

Item #K5BJ400TK ..........5098.95

**PHOTOMETRICS**

**FRESNEL SPOT LENS — SPOT 6°**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Foot Candles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>23,224</td>
<td>249,890</td>
<td>—</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>5806</td>
<td>62,473</td>
<td>45.8</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>2090</td>
<td>22,488</td>
<td>36.5</td>
</tr>
</tbody>
</table>

**FRESNEL SPOT LENS — FLOOD 44°**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Foot Candles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>2224</td>
<td>23,930</td>
<td>36.5</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>556</td>
<td>5983</td>
<td>16.5</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>200</td>
<td>2152</td>
<td>11.0</td>
</tr>
</tbody>
</table>

**FRESNEL WIDE LENS — SPOT 25°**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Foot Candles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>4168</td>
<td>44,848</td>
<td>45</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>1042</td>
<td>11,212</td>
<td>22.5</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>375</td>
<td>4035</td>
<td>16.0</td>
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</table>

**FRESNEL WIDE LENS — FLOOD 74°**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Foot Candles</th>
<th>Lux</th>
<th>F-Stop*</th>
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</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>1575</td>
<td>16,947</td>
<td>22.8</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>394</td>
<td>4239</td>
<td>11.5</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>142</td>
<td>1528</td>
<td>8.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With 400 ASA film @ 1/50 sec.
**KITS**

**Evolution 200 Kit**
- Joker-Bug 200W head
- Electronic AC power supply
- Local News beamer
- 4-leaf barndoors
- Soft carrying case

Item # K5JBE200K ........2334.95

**Pair of Joker Bug 200 Kit**
- Bug-Lite 200W heads
- 200W lamps
- Electronic power supplies
- Beamers
- Extension cables 25 feet
- Fresnel frosted lenses
- Super wide flood lenses
- Wide flood lenses
- Medium flood lenses
- 4-leaf barndoors
- Frosted glass beakers
- Video Pro lightbanks
- 4-leaf Barndoors
- Frosted Glass Beakers
- Extension Cables 25`
- 4-leaf Barndoors
- Frosted Glass Beakers
- Carry case

Item # K5JB2002K ........6529.92

**Evolution 200 Kit**
- Joker-Bug 200W head
- Electronic AC power supply
- Local News beamer
- 4-leaf barndoors
- Soft carrying case

Item # K5JBE200K ........2334.95

**Pair of Joker Bug 200 Kit**
- Bug-Lite 200W heads
- 200W lamps
- Electronic power supplies
- Beamers
- Extension cables 25 feet
- Fresnel frosted lenses
- Super wide flood lenses
- Wide flood lenses
- Medium flood lenses
- 4-leaf barndoors
- Frosted glass beakers
- Video Pro lightbanks
- 4-leaf Barndoors
- Frosted Glass Beakers
- Carry case

Item # K5JB2002K ........6529.92

**Joker News 400 Kit**
- Joker-Bug 400W Head
- Lamp MSR/SE 400W, 560K, 700hrs.
- Electronic Power Supply, 110V/240V, 50/60Hz
- News Beamer, Optical Accessory Focusable
- Extension cable 25`
- Four Leaf Barndoor
- Frosted Glass Beaker
- Carry case

Item # K5JB400NK ........4459.95

**Pair of Joker-News 400W Kit**
- Joker-Bug 400W heads
- Lamps MSR/SE 400W, 560K, 700hrs.
- Electronic Power Supplies, 110V/240V, 50/60Hz.
- News Beamers
- Optical accessories
- Extension Cables 25`
- Four Leaf Barndoors
- Frosted Glass Beakers
- Lightbanks Video Pro Extra Small +rem screens
- BugLite Speed Ring Adapter Mounts, Aluminum
- Carry case.  

Item # K5JB4002NK .........8398.95

**Combination 200/400 Kit**
- Joker-Bug 200W head
- Lamp MSR/SE 400W, 560K, 700hrs.
- Electronic Power Supply, 110V/240V, 50/60Hz
- News Beamer, Optical Accessory Focusable
- Extension cable 25`
- Four Leaf Barndoor
- Frosted Glass Beaker
- Carry case

Item # K5JB200400K ........7229.95

**Joker Bug 400 Kit**
- Joker-Bug 400W head
- Lamps MSR/SE 400W, 560K, 700hrs.
- Electronic Power Supplies, 110V/240V, 50/60Hz.
- News Beamers, Optical accessories
- Extension Cables 25`
- Four Leaf Barndoors
- Frosted Glass Beakers
- Lightbanks Video Pro Extra Small +rem screens
- BugLite Speed Ring Adapter Mounts, Aluminum
- Carry case.

Item # K5JB400KQ ........4148.95

**Pair of Joker Bug 400 Kit**
- Joker-Bug 400W heads
- Lamps MSR/SE 400W, 560K, 700hrs.
- Electronic Power Supplies, 110V/240V, 50/60Hz.
- News Beamers
- Optical accessories
- Extension Cables 25`
- Four Leaf Barndoors
- Frosted Glass Beakers
- Lightbanks Video Pro Extra Small +rem screens
- BugLite Speed Ring Adapter Mounts, Aluminum
- Carry case.

Item # K5JB4002K ........8298.92

**Joker Bug 400 Kit**
- Joker-Bug 400W head
- Lamps MSR/SE 400W, 560K, 700hrs.
- Electronic Power Supplies, 110V/240V, 50/60Hz.
- News Beamers, Optical accessories
- Extension Cables 25`
- Four Leaf Barndoors
- Frosted Glass Beakers
- Lightbanks Video Pro Extra Small +rem screens
- BugLite Speed Ring Adapter Mounts, Aluminum
- Carry case.

Item # K5JB400K ........4198.95
### Joker Bug 800 Kit
Includes:
- 1- Joker-Bug 800 head
- 1- 800W Lamp
- 1- Electronic power supply
- 1- Beamer
- 1- Extension cable 25 feet
- 1- Fresnel frosted lens with ring
- 1- Wide flood lens with ring
- 1- Wide flood lens with ring
- 1- Medium flood lens with ring
- 1- 4-leaf barndoor
- 1- Lamp transport case
- 1- Carrying case with lens bag
- 1- Frosted glass beaker

Total Weight: 41 lbs. (19kg)
Kit Dimensions: 17.5x12x16.5˝ (45x30x42cm)

Item # K5JB800KQ ........... 5289.95

Joker Bug 800 Kit
Same as above without case.
Item # K5JB800K .......... 5098.95

### Joker 1200 Kit (J1200K2)
Includes:
- 1- Joker 1200W head
- 1- 1200W lamp
- 1- Electronic power supply
- 1- Extension cable 50 feet
- 1- Fresnel frosted lens with ring
- 1- Super wide lens with ring
- 1- Wide lens with ring
- 1- Medium lens with ring
- 1- 4-leaf barndoor
- 1- Lamp transport case
- 1- Carrying case

Total Weight: 70 lbs. (32kg)
Kit Dimensions: 16x14x25˝ (41x36x64cm)

Item # K5J1200KQ ........ 6099.95

Joker 1200 Kit
Same as above without case.
Item # K5J1200K .......... 5519.95

### SOFTUBE
The Softube is an accessory for the Joker light. It transforms a normally spotty narrow beam into a soft and even linear source. These characteristics make the Softube the perfect corner light, ideal for window reinforcement, large vehicle interiors and wherever a compact long soft source is needed. Easy and quick set up saves valuable production time. The unit consists of three parts: the attachment ring, the translucent Joker Gel and the mirror cap. HMI quality with low heat and high output.

<table>
<thead>
<tr>
<th>Part</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Softube for Joker-Bug 200</td>
<td>K5STB200</td>
<td>414.95</td>
</tr>
<tr>
<td>Softube 200 Replacement Skin</td>
<td>K5SST200</td>
<td>149.95</td>
</tr>
<tr>
<td>Case for Softube 200</td>
<td>K5CST200</td>
<td>84.95</td>
</tr>
<tr>
<td>Softube for Joker-Bug 400</td>
<td>K5STB400</td>
<td>469.95</td>
</tr>
<tr>
<td>Softube 400 Replacement Skin</td>
<td>K5ST400</td>
<td>119.95</td>
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<tr>
<td>Case for Softube 400</td>
<td>K5CST400</td>
<td>84.95</td>
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<tr>
<td>Softube for Joker-Bug 800</td>
<td>K5STB800</td>
<td>581.95</td>
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<tr>
<td>Case for Softube 800</td>
<td>K5CST800</td>
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<tr>
<td>Bug-A-Beam Adapter</td>
<td>K5BABAJB400</td>
<td>169.95</td>
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</tbody>
</table>

### BUG-A-BEAM ADAPTER
The K5600 Bug-Light design offers so many possibilities it is tempting to “stick it” in almost any optical system one runs across. One obvious and popular device is the ETC Source Four. This elegant design of a pattern/gobo projector has shown up in various applications and is widely accepted throughout the entertainment industry. The Bug-A-Beam Adapter is the part that makes the mating of a Source Four and a Bug-Light 400 not only possible but quick and easy. The 400 MSR/HMI lamp offers many advantages in this particular application, its 6mm arc gap is punctual enough and very small suited for such optical design. The 4 to 1 efficiency ratio of HMI versus Tungsten incandescent light means the two full stop gain. The huge increase in light level allows patterns to be visible in higher ambient light levels.

Features:
- Combination pattern and Gobo projector.
- Makes the mating of a Source Four and a Bug-Light 400 quick and easy.
- Has 4 to 1 efficiency ratio, providing a two full stop gain over Tungsten incandescent light.
- Allows patterns to be visible in higher ambient light levels.

Specifications:
- Dimensions: 4½ x 1¾” (11.7x4.8cm)
- Weight: 1 lb. (.5kg)

<table>
<thead>
<tr>
<th>Adapter</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>Bug-A-Beam Adapter</td>
<td>K5BABAJB400</td>
<td>169.95</td>
</tr>
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</table>
The Prolight 125/200W combines the advantages of single-ended lamp technology with a short focal Fresnel lens to optimize light performance, while considerably reducing size and weight. The light can be used with a 125W or 200W single-ended HMI bulb and gives extremely high output in spot mode. While in flood mode it provides a smooth, even, beautiful spread that will make you think the light has much higher wattage. Used with LTM's electronic DC ballast, the light is dimmable to 50%.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>125</td>
<td>5600°K</td>
<td>GBHS125</td>
<td>209.95</td>
</tr>
<tr>
<td>200</td>
<td>5600°K</td>
<td>GBHS200</td>
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**PHOTO METRICS**

<table>
<thead>
<tr>
<th></th>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FLOOD</strong></td>
<td>9.8´ (3.0m)</td>
<td>6.56˝ (2.0m)</td>
<td>250</td>
<td>2,690</td>
<td>11</td>
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<tr>
<td></td>
<td>16.4´ (5.0m)</td>
<td>10.92˝ (3.3m)</td>
<td>88</td>
<td>947</td>
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</tr>
<tr>
<td></td>
<td>22.9´ (7.0m)</td>
<td>18.20˝ (5.5m)</td>
<td>45</td>
<td>484</td>
<td>4.5</td>
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<tr>
<td><strong>SPOT</strong></td>
<td>9.8´ (3.0m)</td>
<td>3.35˝ (1.0m)</td>
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<td>22.9´ (7.0m)</td>
<td>8.53˝ (2.6m)</td>
<td>143</td>
<td>1,539</td>
<td>8</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Prolight 575W fresnel is an excellent interior daylight source. Its compact size makes it especially suitable for limited space. Due to its low amperage draw, it can be plugged directly into a normal AC household outlet. The small yoke fits a baby stand or can be hung from a scissor clamp in out-of-the-way places.

With a wide spot to flood focusing ratio, the Prolite is versatile for motion picture location shots, video production and news applications. Uses a double-ended 575W lamp and the same ballasts as the Cinepar 575W.

### Accessories

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>LTBDP575</td>
<td>9˝ (22.9cm) Barndoor (HAA174)</td>
<td>109.50</td>
</tr>
<tr>
<td>LTBFH575</td>
<td>9˝ (22.9cm) Gel Frame (HAA559)</td>
<td>39.95</td>
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<td>LTFSFP575</td>
<td>9˝ Full Single Scrim (HAA45320)</td>
<td>14.95</td>
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<tr>
<td>LTFSHP575</td>
<td>9˝ Full Double Scrim (HAA45322)</td>
<td>15.95</td>
</tr>
<tr>
<td>LTFSHP575</td>
<td>9˝ Half Double Scrim (HAA45323)</td>
<td>15.95</td>
</tr>
<tr>
<td>LTBPSP575</td>
<td>Scrim Bag (HASB1200P)</td>
<td>24.95</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTMP575</td>
<td>Mains Cable for 200/575W Electronic Ballast (HCY472002)</td>
<td>17.95</td>
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<tr>
<td>LTMCMP575</td>
<td>Case for Prolight 575W (HAA000436)</td>
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<tr>
<td>LTMCP575</td>
<td>Case for Ballast (Magnetic) (HAA000440)</td>
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<tr>
<td>LTMCP575</td>
<td>Case for Ballast (200/575 Electronic) (HAA000430)</td>
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<tr>
<td>LTMCP575</td>
<td>Case for Ballast (575/1200 Electronic) (HAA900205)</td>
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### Lamps and Ballasts

<table>
<thead>
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<th>Price</th>
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<tr>
<td>575</td>
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<td>GBHS575HR</td>
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### Systems

<table>
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<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Prolight 575W AC Magnetic Kit (P575M)</td>
<td>LTP575MK</td>
<td>3864.95</td>
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<tr>
<td>Prolight 575W AC Electronic Kit (P575B200575)</td>
<td>LTP575EK</td>
<td>4772.95</td>
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<tr>
<td>Prolight 575W AC Electronic Kit (P575B5751200)</td>
<td>LTP575EKQ</td>
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### Photometrics

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>15´ (4.6m)</td>
<td>8.6´ (2.6m)</td>
<td>225</td>
<td>2,421</td>
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<tr>
<td>20´ (6.1m)</td>
<td>11.4´ (3.5m)</td>
<td>126</td>
<td>1,356</td>
<td>5.6</td>
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<tr>
<td>25´ (7.6m)</td>
<td>14.3´ (4.4m)</td>
<td>81</td>
<td>872</td>
<td>4.5</td>
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<tr>
<td>30´ (9.1m)</td>
<td>17.1´ (5.2m)</td>
<td>56</td>
<td>603</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>15´ (4.6m)</td>
<td>1.6´ (0.5m)</td>
<td>224</td>
<td>2,024</td>
<td>38</td>
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<tr>
<td>20´ (6.1m)</td>
<td>2.1´ (0.6m)</td>
<td>138</td>
<td>1,388</td>
<td>22.5</td>
</tr>
<tr>
<td>25´ (7.6m)</td>
<td>2.7´ (0.8m)</td>
<td>729</td>
<td>7,484</td>
<td>16.5</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>3.2´ (1.0m)</td>
<td>506</td>
<td>4,175</td>
<td>11.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Prolight 1200W is an excellent interior daylight source. Compact in size, it provides a powerful output when needed. The extremely wide focusing ratio gives it the versatility required for motion picture and video production. The head uses a 1200W double-ended HMI lamp and the same ballasts as the Cinepar 1200W S/E unit.

**ACCESSORIES**

- **9½˝ (30.5cm) Barndoor** (1AA39)  
  Item # LTBDP1200 ..........94.95
- **9½˝ (30.5cm) Gel Frame** (1AA60)  
  Item # LTDFH1200 ..........36.95
- **9½˝ (30.5cm) Full Single Scrim** (HA43504)  
  Item # LTFSFP1200 ..........12.95
- **9½˝ (30.5cm) Half Single Scrim** (HA43505)  
  Item # LTSHSP1200 ..........12.95
- **9½˝ (30.5cm) Full Double Scrim** (HA43506)  
  Item # LTFTSP1200 ..........12.95
- **9½˝ (30.5cm) Half Double Scrim** (HA43507)  
  Item # LTSHDP1200 ..........13.50
- **Scrims Bag** (HASB1200P)  
  Item # LTSBP1200 ..........24.95
- **Scrim Bag** (HA435204)  
  Item # LTSFSP1200 ..........12.95
- **Scrim Bag** (HA435205)  
  Item # LTSFDP1200 ..........13.50
- **Scrim Bag** (HA435206)  
  Item # LTSHSP1200 ..........12.95
- **Scrim Bag** (HA435207)  
  Item # LTSHDP1200 ..........13.50

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1200</td>
<td>5600°K</td>
<td>GBHS1200HR</td>
<td>289.95</td>
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**PHOTO METRICS**

**FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (ft/in)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>8.5' (2.6m)</td>
<td>658</td>
<td>7,080</td>
<td>16.5</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>17.1' (5.2m)</td>
<td>164</td>
<td>1,763</td>
<td>8.5</td>
</tr>
<tr>
<td>30' (9.1m)</td>
<td>25.7' (7.8m)</td>
<td>73</td>
<td>785</td>
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</tr>
<tr>
<td>40' (12.2m)</td>
<td>34.3' (10.5m)</td>
<td>41</td>
<td>441</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter (ft/in)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>0.8' (0.2m)</td>
<td>13,156</td>
<td>141,559</td>
<td>-</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>1.6' (0.5m)</td>
<td>3,289</td>
<td>35,390</td>
<td>45</td>
</tr>
<tr>
<td>30' (9.1m)</td>
<td>2.5' (0.8m)</td>
<td>1,462</td>
<td>15,731</td>
<td>36</td>
</tr>
<tr>
<td>40' (12.2m)</td>
<td>3.3' (1.0m)</td>
<td>822</td>
<td>8,845</td>
<td>22</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**SYSTEMS**

- **Prolight 1200W AC Magnetic Kit** (P1200M)  
  Includes: Prolight 1200W head, extension cable, barndoor, gel frame and 1200W AC magnetic ballast with mains cable.  
  Item # LTP1200MK ..........4862.95
- **Prolight 1200W AC Electronic Kit** (P1200E)  
  Includes: Prolight 1200W head, extension cable, barndoor, gel frame and 575/1200W AC electronic ballast with mains cable.  
  Item # LTP1200EK ..........5659.95
The Prolight 2500W fills the gap between smaller interior lights and larger exterior fixtures. Its focusing ratio makes this light especially suitable for motion picture location filming and video production. It features the smallest 2500 head size on the market, with LTM quick release mount coolers for tool free lamp changing. Uses a 2500W double-ended HMI lamp, and the same ballasts as the Cinepar 2500W S/E fixture.

**ACCESSORIES**

- 13˝ (33cm) Barndoor (HAA38)
  - Item # LTBDP2500 ....... 128.50
- 13˝ (33cm) Gel Frame (HAA556)
  - Item # LTFHP2500............ 49.95
- 13˝ (33cm) Full Single Scrim (HA435226)
  - Item # LTSFSP2500........... 19.95
- 13˝ (33cm) Half Single Scrim (HA435228)
  - Item # LTHSP2500............ 21.95
- 13˝ (33cm) Full Double Scrim (HA435227)
  - Item # LTSFDP2500........... 21.95
- 13˝ (33cm) Half Double Scrim (HA435229)
  - Item # LTSHD P2500........... 21.95
- Scrim Bag (HASB2500P)
  - Item # LTBSP2500............. 28.95
- 10´ Mains Cable (HC254LTM)
  - Item # LTMCP2500........... 164.95
- Case for Prolight 1200W (HA900438)
  - Item # LTHCP2500........... 534.50
- Case for Ballast (Magnetic) (HAA900930)
  - Item # LTBCMP2500............. 444.50
- 2500W AC Magnetic Kit (P2500M)
  - Item # LTP2500MK............. 8269.95
- 2500W AC Electronic Kit (P2500E)
  - Item # LTP2500EK............. 10,829.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>2500</td>
<td>5600°K</td>
<td>GBHS2500HR</td>
<td>399.95</td>
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**PHOTO METRICS**

**FLOOD**

<table>
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<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>8.5˝ (2.6m)</td>
<td>658</td>
<td>7,080</td>
<td>16.5</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>17.1˝ (5.2m)</td>
<td>164</td>
<td>1,765</td>
<td>8.5</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>25.7˝ (7.8m)</td>
<td>73</td>
<td>765</td>
<td>5.6</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>34.3˝ (10.5m)</td>
<td>41</td>
<td>441</td>
<td>4.5</td>
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**SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
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<tbody>
<tr>
<td>10´ (3.0m)</td>
<td>0.8˝ (0.2m)</td>
<td>13,156</td>
<td>141,559</td>
<td>?</td>
</tr>
<tr>
<td>20´ (6.1m)</td>
<td>1.6˝ (0.5m)</td>
<td>3,289</td>
<td>35,390</td>
<td>45</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>2.5˝ (0.8m)</td>
<td>1,462</td>
<td>15,731</td>
<td>36</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>3.3˝ (1.0m)</td>
<td>822</td>
<td>8,845</td>
<td>22</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
This 4000W fresnel’s unique ten to one focusing ratio makes it especially applicable to interior or exterior location filming and video production. Featuring a high output with low AC power consumption and quick release mount coolers for tool free lamp changing, it is a powerful HMI instrument for interior and exterior daylight source filming. Uses a 4000W double-ended HMI lamp and the same ballasts as the Cinepar 4000W S/E fixture.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
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<th>Item #</th>
<th>Price</th>
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<td>GBHS4000HR</td>
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**PHOTOMETRICS**

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<th>BEAM DIAMETER</th>
<th>FOOTCANDLES</th>
<th>LUX</th>
<th>F-STOP</th>
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<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>18.3’ (5.6m)</td>
<td>557</td>
<td>5,993</td>
<td>16.5</td>
<td></td>
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<tr>
<td>30’ (9.1m)</td>
<td>32.7’ (10.0m)</td>
<td>247</td>
<td>2,658</td>
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<td></td>
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<tr>
<td>40’ (12.2m)</td>
<td>43.6’ (13.3m)</td>
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<td>1,496</td>
<td>8.5</td>
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<tr>
<td>50’ (15.2m)</td>
<td>54.5’ (16.6m)</td>
<td>89</td>
<td>943</td>
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**SPOT**

<table>
<thead>
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<th>DISTANCE</th>
<th>BEAM DIAMETER</th>
<th>FOOTCANDLES</th>
<th>LUX</th>
<th>F-STOP</th>
</tr>
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<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>3.3’ (1.0m)</td>
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<td>30’ (9.1m)</td>
<td>5.0’ (1.5m)</td>
<td>2,305</td>
<td>24,802</td>
<td>36.5</td>
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<tr>
<td>40’ (12.2m)</td>
<td>6.7’ (2.0m)</td>
<td>1,297</td>
<td>13,956</td>
<td>22.5</td>
</tr>
<tr>
<td>50’ (15.2m)</td>
<td>8.3’ (2.5m)</td>
<td>830</td>
<td>8,931</td>
<td>22</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The 6000/12000 watt Prolight combines the advantages of single-ended lamp technology and short focal Fresnel lens to optimise light performance while reducing considerably weight and size. The light gives extremely powerful beam in spot and smooth, wide spread in flood position. Build to the same, rigorous production standards as all LTM products to ensure reliability, ruggedness and longevity, the 6000/12000 watt Prolight is compatible with use for both magnetic and the new LTM 6000/12000 watt electronic ballast. Triple Lock socket design secures the lamp into desired position. Exceptional natural convection air flow keeps the fixture, lamp, socket and lens at acceptable temperature, providing longer life time.

### LAMPS SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6000</td>
<td>5600°K</td>
<td>GBHS6000</td>
<td>1595.00</td>
</tr>
<tr>
<td>12000</td>
<td>5600°K</td>
<td>GBHS12000</td>
<td>2495.00</td>
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</table>

### PHOTO METRICS

#### FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>30' (9.1m)</td>
<td>30.5' (9.3m)</td>
<td>464</td>
<td>4993</td>
<td>16</td>
</tr>
<tr>
<td>60' (18.3m)</td>
<td>61.0' (18.6m)</td>
<td>116</td>
<td>1248</td>
<td>8</td>
</tr>
<tr>
<td>100' (30.5m)</td>
<td>101.7' (31.0m)</td>
<td>42</td>
<td>452</td>
<td>4.5</td>
</tr>
<tr>
<td>160' (48.8m)</td>
<td>152.5' (46.5m)</td>
<td>19</td>
<td>204</td>
<td>2.8</td>
</tr>
</tbody>
</table>

#### SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>30' (9.1m)</td>
<td>3.0' (0.9m)</td>
<td>5840</td>
<td>62838</td>
<td>64</td>
</tr>
<tr>
<td>60' (18.3m)</td>
<td>6.0' (1.8m)</td>
<td>1460</td>
<td>15710</td>
<td>36</td>
</tr>
<tr>
<td>100' (30.5m)</td>
<td>10.0' (3.0m)</td>
<td>526</td>
<td>5680</td>
<td>16.5</td>
</tr>
<tr>
<td>160' (48.8m)</td>
<td>15.0' (4.6m)</td>
<td>234</td>
<td>2518</td>
<td>11</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The LTM Super 12000/18000W is the brightest HMI fresnel fixture yet to be designed. It provides 60% more output in the flood position and 25% more output in the spot position than the already powerful LTM Super Lite 12000W unit. Several different ballast types can be used in either electronic or magnetic versions. As with all LTM fixtures, the Super 12000/18000W is built to the highest standards of performance and durability. It uses either the 12000W or 18000W double-ended HMI lamp and operates from the same combo ballasts as the Super Lite 1200W fixture.

**Lamp Specifications**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12,000</td>
<td>5600°K</td>
<td>GBHS12000</td>
<td>2495.00</td>
</tr>
<tr>
<td>18,000</td>
<td>5600°K</td>
<td>GBHS18000</td>
<td>TBA</td>
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</table>

**Photometrics**

**Flood**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>30' (9.1m)</td>
<td>33.5' (10.2m)</td>
<td>810</td>
<td>8,716</td>
<td>8.5</td>
</tr>
<tr>
<td>60' (18.3m)</td>
<td>67.0' (20.4m)</td>
<td>203</td>
<td>2,184</td>
<td>8.5</td>
</tr>
<tr>
<td>100' (30.5m)</td>
<td>111.7' (34.0m)</td>
<td>73</td>
<td>785</td>
<td>5.6</td>
</tr>
<tr>
<td>150' (45.8m)</td>
<td>167.5' (51.1m)</td>
<td>32</td>
<td>344</td>
<td>4</td>
</tr>
</tbody>
</table>

**Spot**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>30' (9.1m)</td>
<td>4.0' (1.2m)</td>
<td>10,370</td>
<td>111,581</td>
<td>-</td>
</tr>
<tr>
<td>60' (18.3m)</td>
<td>8.0' (2.4m)</td>
<td>2,593</td>
<td>27,901</td>
<td>36.5</td>
</tr>
<tr>
<td>100' (30.5m)</td>
<td>13.3' (4.1m)</td>
<td>933</td>
<td>10,039</td>
<td>22</td>
</tr>
<tr>
<td>150' (45.8m)</td>
<td>20.0' (6.1m)</td>
<td>415</td>
<td>4,465</td>
<td>11.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
LTM’s new 18W HMI light is specifically designed for analog and digital ENG professionals looking for a very small, camera-mount daylight fixture that is powerful enough to be their sole light source. This is the tiniest daylight camera-mount fixture in the world. It provides 6 times more output with 3 times less power drain than halogen fixtures. It has 1 to 5-hour run time from camera mount batteries (Anton Bauer/PAF type) or with 12V/7AH battery belts. Multiple lights can be connected to a 12V car battery. There is an optional 12V 110/220V external power supply available as well. Mounts on all types of cameras with a standard mounting bracket.

18W DAYCAM

18W DayCam w/out Ballast
(Stand Mount) (HH4116B)
Item # LTD CSM ................348.50

18W DayCam with Ballast
(Clamp Mount) (HH4116A)
Item # LTD CSM-BC ..............649.95

For Ballast Specifications, see pages S29

ACCESSORIES

18/W112V DC Ballast w/Battery Plate used with DayCam (HBA922)
Item # LTBDC ..................318.95

Dual Filter Set (HAA923C)
Item # LTFSDC ..................223.95

A/C Power Supply 30W/12V (HA1203)
Item # LTPSDC ..................119.95

SYSTEMS

Kit 1
Includes:
1- 18W DayCam light and ballast assembly on clamp bracket mounts with standard 4-pin connector*
1- Lamp, 18W/12V
1- Dual filter set (CTO+Frosted)
1- Carrying Case
Item # LTD CCMK ................1178.95

* Please specify Anton Bauer or standard 4-pin connector.

Kit 2
Includes:
1- 18W DayCam light on foot mount with detached ballast mounted on battery plate with standard 4-pin connector*
1- Lamp, 18W/12V
1- Dual filter set (CTO+Frosted)
1- Carrying Case
1- One Light AC Power Supply 30W/12DC (in house operation)
1- Cable DC Power Jack/Battery Clip (car battery operation)
1- Cable 6 Double Lighter Cable (cigarette lighter operation)
1- Cable Battery Analyzer
1- Cable 12/5A Lighter Plug
1- Suction Cup Mount Grip
1- Micro Light Bank Chimers w/Speed Ring
1- Pelican Case 1520P
Item # LTD CSM BK ................1269.95

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLM17P002</td>
<td>12V DC</td>
<td>18</td>
<td>400</td>
<td>5600°K</td>
<td>LTD C</td>
<td>138.50</td>
</tr>
</tbody>
</table>

PHOTOMETRICS

FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2’ (.61m)</td>
<td>1.200</td>
<td>1,080</td>
<td>11,621</td>
<td>16.5</td>
</tr>
<tr>
<td>3’ (.91m)</td>
<td>480</td>
<td>5,165</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>4’ (1.2m)</td>
<td>270</td>
<td>2,905</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>5’ (1.5m)</td>
<td>173</td>
<td>1,861</td>
<td>8.5</td>
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</tbody>
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SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>15’ (4.6m)</td>
<td>2.4’ (.7m)</td>
<td>6,000</td>
<td>64,560</td>
<td>45.8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>3.2’ (1.0m)</td>
<td>3,375</td>
<td>36,315</td>
<td>45</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>4.0’ (1.2m)</td>
<td>2,160</td>
<td>2,3241</td>
<td>36.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>4.8’ (1.5m)</td>
<td>1,500</td>
<td>16,140</td>
<td>22.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The LTM 24W 12V MiniPar is the newest lighting fixture in the Daylight series. The compact fixture, with striker and ballast, is completely incorporated into the housing of the light. Its 24 watt D bulb is four times brighter than the output created by a tungsten bulb (80 lumens p/watt versus 20 lumens p/watt). The MiniPar adapts to all location challenges and is AC/DC functional. It can be handheld, used on a stand, hung in tight spaces, or held, used on a stand.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLM24P011</td>
<td>12 DC</td>
<td>24</td>
<td>5600°K</td>
<td>LTM</td>
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**PHOTO-METRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>18'</td>
<td>0.7</td>
<td>190</td>
<td>190</td>
<td>2.2</td>
</tr>
<tr>
<td>24'</td>
<td>0.8</td>
<td>273</td>
<td>273</td>
<td>2.7</td>
</tr>
<tr>
<td>30'</td>
<td>0.9</td>
<td>375</td>
<td>375</td>
<td>3.2</td>
</tr>
<tr>
<td>36'</td>
<td>1.0</td>
<td>447</td>
<td>447</td>
<td>3.8</td>
</tr>
<tr>
<td>42'</td>
<td>1.1</td>
<td>529</td>
<td>529</td>
<td>4.4</td>
</tr>
<tr>
<td>48'</td>
<td>1.2</td>
<td>611</td>
<td>611</td>
<td>5.1</td>
</tr>
<tr>
<td>54'</td>
<td>1.3</td>
<td>693</td>
<td>693</td>
<td>5.8</td>
</tr>
<tr>
<td>60'</td>
<td>1.4</td>
<td>775</td>
<td>775</td>
<td>6.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only.

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The LTM 24W MiniPar is the newest lighting fixture in the Daylight series. The compact fixture, with striker and ballast, is completely incorporated into the housing of the light. Its 24 watt D bulb is four times brighter than the output created by a tungsten bulb (80 lumens p/watt versus 20 lumens p/watt). The MiniPar adapts to all location challenges and is AC/DC functional. It can be hand held, used on a stand, hung in tight spaces, or camera mounted with a Chimera lightbank. Two MiniPar lights can be powered by the car battery through the cigarette lighter. Lightweight and compact, the MiniPar will run 2½ hours on a 12v/7amp battery. Uses a 24 watt single-ended HMI lamp.
The Cinepar 200W S/E uses a daylight single-ended bulb in a parabolic reflector, with a set of 4 lenses for focusing. Its compact head size, intense output and low power consumption make it ideal for interior and exterior location applications. It functions on AC or DC ballasts. The Cinepar uses a 200W single-ended hot restrike HMI lamp.

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>5600°K</td>
<td>GBHS200</td>
<td>199.95</td>
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</tbody>
</table>

### PHOTO METRICS

#### MEDIUM FLOOD LENS

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.8' (3.0m)</td>
<td>6.56 (2.0m)</td>
<td>250</td>
<td>2,690</td>
<td>11</td>
</tr>
<tr>
<td>16.4' (5.0m)</td>
<td>10.92 (3.3m)</td>
<td>88</td>
<td>947</td>
<td>8</td>
</tr>
<tr>
<td>22.9' (7.0m)</td>
<td>18.20 (5.5m)</td>
<td>45</td>
<td>484</td>
<td>4.5</td>
</tr>
</tbody>
</table>

#### NARROW SPOT LENS

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.8' (3.0m)</td>
<td>3.35 (1.0m)</td>
<td>780</td>
<td>8,393</td>
<td>16.5</td>
</tr>
<tr>
<td>16.4' (5.0m)</td>
<td>5.25 (1.6m)</td>
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<td>3,013</td>
<td>11.5</td>
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<tr>
<td>22.9' (7.0m)</td>
<td>8.53 (2.6m)</td>
<td>143</td>
<td>1,539</td>
<td>8</td>
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</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
CINEPAR 575W

Cinepar 575W (HH286G)
Item # LTC575 ............... 1894.50

200/575W AC Electronic Ballast 120V (HBA8003)
Item # LTBE575 ............... 2329.95

50’ Extension Cable (HCS10452)
Item # LETCC575 ............... 389.95

575W AC Magnetic Ballast 120V (HBA124)
Item # LTBM575 ............... 1429.50

For Ballast Specifications, see pages 529

575/1200W AC Electronic Ballast 110/220V (HBS5750003)
Item # LTBE575Q ............... 389.95

7’ Mains Cable (HCY472002)
Item # LTMCC575 ............... 14.95

ACCESSORIES

6½” (16.8cm)
Barndoor (HAA47)
Item # LTBD575 ............... 82.95

6½” (16.8cm)
Gel Frame (HAA62)
Item # LTFR575 ............... 39.95

Narrow Spot Lens (HA3001222)
Item # LTLNC575 ............... 9.95

Medium Flood Lens (HA0186)
Item # LTLMC575 ............... 9.95

Super Wide Flood Lens (HA0192)
Item # LTLSWC575 ............... 9.95

Frosted Fresnel Lens (HA800401)
Item # LTLFFC575 ............... 78.95

Lens Ring (N, M, SW) (HAS1318)
Item # LTLRC575 ............... 34.95

Lens Ring (FF) (HA800402)
Item # LTLRFR575 ............... 37.95

Lens Case (HAS10500)
Item # LTLC575 ............... 102.50

Scrim Bag (HAB875P)
Item # LTSBC575 ............... 19.95

6½” (16.8cm) Full Double Scrim (HAK52020)
Item # LTSDC575 ............... 13.95

6½” (16.8cm) Half Double Scrim (HAK5203)
Item # LTHDC575 ............... 13.95

Case for Cinepar 575W (HAA00090)
Item # LTHCC575 ............... 319.95

Case for Cinepar 575W with Lens Compartment (HAA00091)
Item # LTHCC575 ............... 353.50

Case for Ballast (HAA000440)
Item # LTBCC575 ............... 188.50

SYSTEMS

Cinepar 575W AC Magnetic Kit (CS75M)
Includes: Cinepar 575W head, extension cable, barndoor, 3-piece lens set with lens rings and 575W AC magnetic ballast 120V with mains cable.
Item # LTC575MK ............... 3939.95

Cinepar 575W AC Electronic Kit (C575B200575)
Includes: Cinepar 575W head, extension cable, barndoor, 3-piece lens set with lens rings and 200/575W AC electronic ballast 110/220V with mains cable.
Item # LTC575EKQ ............... 5434.95

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>575</td>
<td>5600°K</td>
<td>GBH575HR</td>
<td>209.95</td>
</tr>
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</table>

PHOTO METRICS

MEDIUM FLOOD LENS

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>15’ (4.6m)</td>
<td>7.4” (2.3m)</td>
<td>815</td>
<td>8,770</td>
<td>16.5</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>9.9” (3.0m)</td>
<td>458</td>
<td>4,928</td>
<td>16</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>12.9” (3.7m)</td>
<td>293</td>
<td>3,153</td>
<td>11</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>14.8” (4.5m)</td>
<td>204</td>
<td>2,195</td>
<td>8.5</td>
</tr>
</tbody>
</table>

NARROW SPOT LENS

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>15’ (4.6m)</td>
<td>2.4” (0.7m)</td>
<td>6,000</td>
<td>64,560</td>
<td>45.8</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>3.2” (1.0m)</td>
<td>3,375</td>
<td>36,315</td>
<td>45</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>4.0” (1.2m)</td>
<td>2,160</td>
<td>2,3241</td>
<td>36.5</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>4.8” (1.5m)</td>
<td>1,500</td>
<td>16,140</td>
<td>22.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

Incorporating the latest in single-ended HMI technology, the Cinepar is a 575W parabolic light that is meticulously designed to provide maximum light output and minimum power draw. The intense beam is projected from a highly polished hand spun reflector and can be molded via four interchangeable lenses (narrow, medium, super-wide and frosted fresnel). The head is powered by either electronic or magnetic ballast. Optional lighting control accessories are available as well. The Cinepar 575W uses a single-ended 575W hot restrike HMI lamp.
CINEPAR 1200W S/E

The Cinepar 1200W provides great versatility in all lighting applications. It operates on just 12.5 amps AC (normal household outlet) and uses a single-ended HMI lamp mounted in the axis of the reflector. This design gives the Cinepar 1200W a powerful throw with a very tight, round beam. This head can be used with a combo AC electronic ballast or the 1200W AC magnetic ballast.

CINEPAR 1200W

Cinepar 1200W S/E (H428K)
Item # LTC1200 ........... 2473.95
1200W Magnetic Ballast AC (HBA608)
Item # LTBM C1200 ........ 1648.95
575/1200W Electronic Ballast AC (HBS5750002)
Item # LTBE C1200 ........ 2389.95
50’ Extension Cable (HCS10422)
Item # LTEC C1200 ........ 389.95
For Ballast Specifications, see pages 529

ACCESSORIES

9” (22.9cm) Barndoor (HAA174)
Item # LTBD C1200 ........ 109.50
9” (22.9cm) Gel Frame (HAA559)
Item # LTGFH C1200 ........ 39.95
Narrow Spot Lens (HA8000132)
Item # LTLC N1200 ........ 259.00
Medium Flood Lens (HA8000133)
Item # LTLM C1200 ........ 119.00
Wide Flood Lens (HA8000134)
Item # LTLLWFC1200 ........ 119.00
Super Wide Flood Lens (HA8000135)
Item # LTLSWF C1200 ........ 189.00
Super Wide Frosted Lens (HA8000136)
Item # LTLSWF C1200Q ........ 199.00
Frosted Fresnel Lens (HAA760)
Item # LTLF C1200 ........ 143.95
Lens Ring (FF) (HAA7602)
Item # LTRFC1200 ........ 39.95
9” Full Single Scrim (HA445320)
Item # LTFFSC1200 ........ 149.95
9” Half Single Scrim (HA445321)
Item # LTHS SC1200 ........ 149.95
9” Full Double Scrim (HA445322)
Item # LTFSDC1200 ........ 159.95
9” Half Double Scrim (HA445323)
Item # LTSH DC1200 ........ 159.95
Scrim Bag (HAB1200P)
Item # LTSCBC1200 ........ 24.95
Case for Cinepar 1200W (HA801000)
Item # LTM CC1200 ........ 429.95
Case for Cinepar 1200W with Lens Compartment (HA901001)
Item # LTM CLCC1200 ........ 469.95
Case for Ballast (HA900485)
Item # LTBC C1200 ........ 239.50
Lens Case (HAS10499)
Item # LTLC C1200 ........ 109.95

SYSTEMS

Cinepar 1200W AC Magnetic Kit (C1200M)
Includes: Cinepar 1200W head, extension cable, barndoor, 3-piece lens set with lens rings and 1200W AC magnetic ballast 120V with mains cable.
Item # LTC1200M K ........ 4759.95

Cinepar 1200W AC Electronic Kit (C1200E)
Includes: Cinepar 1200W head, extension cable, barndoor, 3-piece lens set with lens rings and 575/1200W AC electronic ballast 110/220V with mains cable.
Item # LTC1200EK ........ 5582.95

LAMP SPECIFICATIONS

Watts | Color Temp | Item # | Price
--- | --- | --- | ---
1200 | 5600°K | GBHS1200HR | 289.95

PHOTO - VIDEO - PRO AUDIO

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The LTM Cinepar 2500W is just slightly bigger than a 1200W HMI Luxarc fresnel, yet packs almost as much punch as a 12K! Its many applications include background lighting for wide night shots, projection of light beams through building windows, powerful bounce, long throw fill, lightweight crane mounting and much more. A combo electronic ballast or a magnetic ballast powers this head. Uses a 2500W single-ended hot restrike HMI lamp.

**CINEPAR 2500W**

- **Cinepar 2500W S/E (HH286N)**
  - Item # LTC2500 ................. 4123.95
- **2500W Magnetic Ballast (HBA323)**
  - Item # LTMBC2500 ............. 3468.95
- **2500/4000W Electronic Ballast (HE590007)**
  - Item # LTBE2500 ............. 5795.95

**ACCESSORIES**

- **13˝ (33cm) Barndoor (HAA38)**
  - Item # LTBDC2500 ............. 128.50
- **13˝ (33cm) Gel Frame (HAA556)**
  - Item # LTFHC2500 ........... 49.95
- **Medium Flood Lens (HAA67501)**
  - Item # LTLMC2500 .......... 63.95
- **Wide Flood Lens (HAA67401)**
  - Item # LTLLW2500 .......... 63.95
- **Super Wide Flood Lens (HAA67301)**
  - Item # LTLSW2500 .......... 63.95
- **Lens Ring**
  - (M, W, SW) (HA286N456)
  - Item # LTLRC2500 .......... 66.50
- **Frosted Fresnel Lens (HAA73206)**
  - Item # LTLFFC2500 .......... 226.95
- **Lens Ring (FF) (HAA87801)**
  - Item # LTLRC2500Q ......... 226.95
- **Lens Case**
  - (M, W, SW) (HA510498)
  - Item # LTLC2500 .......... 119.95

**SPECIFICATIONS**

- **Rating:**
  - LTM 2500W
  - Magnetic Ballast: ±26 amps at 120V.
  - LTM 2500/4000W Combo Electronic Ballast: At 2500W: 32A at 110V, 19A at 220V. At 4000W: 48 amps at 110V, 28 amps at 220V.
- **Weight:** 32 lbs. (14.5kg).
- **Dimensions:** 22½ x 23 x 14½˝ (LHW) (572 x 584 x 368mm)

**SYSTEMS**

- **Cinepar 2500W AC Magnetic Kit (C2500M)** Includes: Cinepar 2500W head, extension cable, barndoor, 3-piece lens set with lens rings and 2500W AC magnetic ballast 120V with mains cable.
  - Item # LTC2500MK .......... 8599.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2500</td>
<td>5600°K</td>
<td>GBHS2500HR</td>
<td>399.95</td>
</tr>
</tbody>
</table>

**PHOTO METRICS**

**MEDIUM FLOOD LENS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>19´ (5.8m)</td>
<td>279</td>
<td>3.002</td>
<td>11</td>
</tr>
<tr>
<td>30´ (9.1m)</td>
<td>28.5´ (8.7m)</td>
<td>124</td>
<td>1,334</td>
<td>8</td>
</tr>
<tr>
<td>40´ (12.2m)</td>
<td>38´ (11.6m)</td>
<td>70</td>
<td>753</td>
<td>5.6</td>
</tr>
<tr>
<td>50´ (15.2m)</td>
<td>47.5´ (14.5m)</td>
<td>45</td>
<td>484</td>
<td>4.5</td>
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**SPOT LENS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20´ (6.1m)</td>
<td>2´ (0.6m)</td>
<td>3,382</td>
<td>34,023</td>
<td>36.5</td>
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<tr>
<td>30´ (9.1m)</td>
<td>3´ (0.9m)</td>
<td>1,405</td>
<td>15,118</td>
<td>22.5</td>
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<tr>
<td>40´ (12.2m)</td>
<td>4´ (1.2m)</td>
<td>791</td>
<td>8,511</td>
<td>16.8</td>
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<tr>
<td>50´ (15.2m)</td>
<td>5´ (1.5m)</td>
<td>506</td>
<td>5,544</td>
<td>16</td>
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</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
This 4000W light is just slightly bigger than the Cinepar 2500W unit, yet packs as much punch as a 12000W fixture. Its many applications include background lighting for wide night shots, projection of light beams through building windows, powerful bounce, long throw fill, lightweight crane mounting and much more. It uses a 4000W single-ended hot restrike HMI lamp and operates from the same ballasts as the Cinepar 2500/4000W fixture.
**CINEPAR 2500/4000W COMBO**

The 2500/4000W Combo light is designed to provide maximum flexibility of choice for location filming. Capable of using either a 2500W or a 4000W single-ended lamp, its focusing mechanism correctly positions the selected lamp into place. Four lenses increase the versatility of this powerful light. Uses the same lamps and ballasts as the Prolight.

**CINEPAR 2500/4000W**

- **Cinepar 2500/4000W Head w/ Clear Lens (HH286PN)**
  - Item #: LTC2.54K ........... 5853.50

- **4000W Magnetic Ballast 120V AC (HBA429)**
  - Item #: LTBM C2.54K ....... 3656.50

- **2500/4000W Electronic Ballast Dual Voltage (HB593007)**
  - Item #: LTBE C2.54K ....... 5795.95

- **50’ Extension Cable (HCA734)**
  - Item #: LTEC C2.54K ....... 578.95

- **Mains Cable (Electronic Ballast) (HC254LTM)**
  - Item #: LTM C C4000 ...... 164.95

**ACCESSORIES**

- **Case for Ballast (HAA7206)**
  - Item #: LTBC C2.54K ...... 477.50

- **Frosted Fresnel Lens (HAA73206)**
  - Item #: LTFC C2.54K ...... 226.95

- **Lens Ring (FF) (HAA73201)**
  - Item #: LTRC C2.54KK .... 66.95

- **Lens Case (HAA727)**
  - Item #: LTCC C2.54K ...... 129.95

- **Scrim Bag (HASB4000P)**
  - Item #: LTSB C2.54K ...... 33.95

- **151⁄2˝ (39.4cm) Full Single Scrim (HA435230)**
  - Item #: LTSFSC C2.54K .... 25.95

- **151⁄2˝ (39.4cm) Half Single Scrim (HA435231)**
  - Item #: LTSHSC C2.54K .... 25.95

- **151⁄2˝ (39.4cm) Full Double Scrim (HA435232)**
  - Item #: LTSFDC C2.54K .... 28.95

- **151⁄2˝ (39.4cm) Half Double Scrim (HA435233)**
  - Item #: LTSHDC C2.54K .... 28.95

**SYSTEMS**

- **Cinepar 2500/4000W AC Magnetic Kit (C25004000M)**
  - Includes: Cinepar 2500/4000W head, extension cable, barndoor, 3-piece lens set with lens rings and 4000W AC magnetic ballast 120V with mains cable.
  - Item #: LTC2.54KMK ....... 10,899.95

- **Cinepar 2500/4000W AC Electronic Kit (C25004000E)**
  - Includes: Cinepar 2500/4000W head, extension cable, barndoor, 3-piece lens set with lens rings and 2500/4000W AC electronic ballast 110/220V with mains cable.
  - Item #: LTC2.54KEK ....... 12,989.95

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2500</td>
<td>5600°K</td>
<td>GBHS2500HR</td>
<td>399.95</td>
</tr>
<tr>
<td>4000</td>
<td>5600°K</td>
<td>GBHS4000HR</td>
<td>599.95</td>
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</table>

**PHOTOMETRICS WITH 2500W LAMP**

**FLOOD**

- Dist. Beam Dia. Footcandles Lux F-Stop
  - 20’ (6.1m) 9.5’ (2.9m) 2,140 23,026 36.5
  - 30’ (9.1m) 14.3’ (4.4m) 951 10,233 22
  - 40’ (12.2m) 19’ (5.8m) 535 5,757 16.5
  - 50’ (15.2m) 23.8’ (7.3m) 342 3,680 16

**SPOT**

- Dist. Beam Dia. Footcandles Lux F-Stop
  - 20’ (6.1m) 2.7’ (0.8m) 6,480 69,725 64
  - 30’ (9.1m) 4’ (1.2m) 2,880 30,989 45
  - 40’ (12.2m) 5.3’ (1.6m) 1,620 17,431 36
  - 50’ (15.2m) 6.7’ (2.0m) 1,037 11,158 22.5

**PHOTOMETRICS WITH 4000W LAMP**

**FLOOD**

- Dist. Beam Dia. Footcandles Lux F-Stop
  - 20’ (6.1m) 8’ (2.4m) 1,150 13,894 45
  - 30’ (9.1m) 12.0’ (3.7m) 1,400 15,064 36
  - 40’ (12.2m) 16.0’ (4.9m) 788 8,479 22
  - 50’ (15.2m) 20.0’ (6.1m) 504 5,423 16.5

**SPOT**

- Dist. Beam Dia. Footcandles Lux F-Stop
  - 20’ (6.1m) 3.5’ (1.1m) 6,581 70,812 64
  - 30’ (9.1m) 4.4’ (1.3m) 4,212 45,321 45.5
  - 40’ (12.2m) 5.3’ (1.6m) 2,925 31,473 45
  - 50’ (15.2m) 6.2’ (1.9m) 2,149 21,123 36.5

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**LITENING TIP**

To reduce brightness in selective areas: use a barn-door-leaf to shadow a specific area (rotate the barn-door as needed to place the shadow); use a half- or graduated-scrim to darken an area (again, rotate as needed); flag off (shield) an area from the light; use neutral-density material to partially block only part of the light.
The Cinepar 6000W light takes single-ended lamp technology to its brightest output ever. This fixture is ideal for powerful key light in day or night shots where maximum illumination is required. A set of three 17\(\frac{3}{4}\)˝ lenses (medium, wide and super wide) directs the beam pattern as needed, and a 20˝ frosted fresnel creates a wide even spread for smooth fill. This fixture can be operated by either electronic or magnetic ballast. Uses a 6000W single ended HMI lamp.
LTM's new Cinepar 6/12K is the most powerful HMI lighting fixture of its class available in the world. This exceptional yet manageable light will become an essential tool for lighting professionals in the motion picture industry as well as in the event and road show entertainment arenas. TRIPLE LOCK™ Bulb Support System: A new proprietary socket design unique to LTM holds the 6K and 12K single-ended bulbs securely in place, offering: Optimal tightening on the bulb pins to ensure perfect electrical contact. Precise positioning and support of the bulb in the axis of the reflector to allow reliable use of the fixture in any position and maximum light assembly. Total relief of weight and gravity stress on the socket, caused by the weight of the globe, to provide reliability and longevity of the socket/bulb assembly.

CINEPAR 6000/12000W

Cinepar 6000/12000W Head
w/Clear Lens (HBHS60)
Item # LTC612K .......... 7959.95

12,000W Magnetic Ballast
(HBLP618)
Item # LTBM612K .. 5679.95

12K/18K Magnetic Ballast
(HBL9301)
Item # LTBM612K ..... 5679.95

For Ballast Specifications, see page 529

SPECIFICATIONS

Rating:
12KW Magnetic Ballast: 205-245V/60Hz AC
12/18KW Combo Magnetic Ballast: 208-240V/60Hz AC
6/12KW Combo Electronic Ballast: 200-245V/47-63Hz z
12/18KW Combo Electronic Ballast: 220-245V/47-63Hz AC.

Dimensions:
Head 19˝ Yoke 23˝ Length 36˝ Height 36˝

SYSTEMS

Cinepar 6000/12000W AC Magnetic Kit (C612MB1218)
Includes:
Cinepar 6000/12000W head, extension cable, barndoor, 3-piece lens set with lens rings and 12000/18000W AC magnetic ballast 120V with mains cable.
Item # LTC612KMKQ ... 7959.95

Cinepar 6000/12000W AC Electronic Kit (C612B6)
Includes:
Cinepar 6000/12000W head, extension cable, barndoor, 3-piece lens set with lens rings and 6000/12000W AC electronic ballast 220V with mains cable.
Item # LTC612KEK .... 18,079.95

Cinepar 6000/12000W AC Electronic Kit (C612B12)
Includes:
Cinepar 6000/12000W head, extension cable, barndoor, 3-piece lens set with lens rings & 12000/18000W AC electronic ballast 220V with mains cable.
Item # LTC612KEKQ .... 22,869.95

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
</tr>
</thead>
<tbody>
<tr>
<td>6000</td>
<td>5600°K</td>
<td>GBHS6000</td>
</tr>
<tr>
<td>12,000</td>
<td>5600°K</td>
<td>GBHS12000</td>
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<tr>
<td></td>
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<td>Price</td>
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<td></td>
<td>1595.00</td>
</tr>
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<td></td>
<td></td>
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</table>

PHOTO METRICS

FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>60' (18.3m)</td>
<td>12.6' (3.8m)</td>
<td>627</td>
<td>6,746</td>
<td>16</td>
</tr>
<tr>
<td>80' (24.4m)</td>
<td>16.8' (5.1m)</td>
<td>353</td>
<td>3,798</td>
<td>11.5</td>
</tr>
<tr>
<td>100' (30.5m)</td>
<td>10.0' (3.0m)</td>
<td>226</td>
<td>2,432</td>
<td>11</td>
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</table>

SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>60' (18.3m)</td>
<td>6.0' (1.8m)</td>
<td>4,182</td>
<td>44,998</td>
<td>45</td>
</tr>
<tr>
<td>80' (24.4m)</td>
<td>8.0' (2.4m)</td>
<td>2,353</td>
<td>25,318</td>
<td>36</td>
</tr>
<tr>
<td>100' (30.5m)</td>
<td>10.0' (3.0m)</td>
<td>1,596</td>
<td>16,205</td>
<td>22.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The new Cinespace 125/200W covers a wide range of applications and responds to the most demanding needs of lighting professionals. Extremely lightweight 2.2 lbs. (1kg) yet very powerful, focusable and can be used in news reporting, connected directly to the new LTM 125/200W 30Vdc electronic battery ballast. Also can be used in any film or video shooting contests connected to the LTM 125/200W 110/220V mains ballast. A wide range of accessories allows this lamp to be used as a Cinepar 125 or 200, Sungun 125 or 200, or as a 360° light source with a Chinese Lantern.

### Lamp Specifications

- **Watts**
  - 125
  - 200
- **Color Temp**
  - 5600°K
- **Item #**
  - GBHS125
  - GBHS200
- **Price**
  - 209.95
  - 199.95

### Photometrics with 125W Lamp

- **Spot**
  - Distance: 9.8´ (3m)
  - Beam Diameter: 0.6´ (0.2m)
  - Footcandles: 6784
  - Lux: 73,000
  - F-Stop:
- **Wide**
  - Distance: 9.8´ (3m)
  - Beam Diameter: 4x6´ (1.2x1.8m)
  - Footcandles: 186
  - Lux: 2000
  - F-Stop:
- **Super Wide**
  - Distance: 9.8´ (3m)
  - Beam Diameter: 4.8´ (1.45m)
  - Footcandles: 84
  - Lux: 900
  - F-Stop:

### Photometrics with 200W Lamp

- **Spot**
  - Distance: 9.8´ (3m)
  - Beam Diameter: 0.6´ (0.2m)
  - Footcandles: 9643
  - Lux: 100,000
  - F-Stop:
- **Wide**
  - Distance: 9.8´ (3m)
  - Beam Diameter: 4x6´ (1.2x1.8m)
  - Footcandles: 186
  - Lux: 2000
  - F-Stop:
- **Super Wide**
  - Distance: 9.8´ (3m)
  - Beam Diameter: 4.8´ (1.45m)
  - Footcandles: 84
  - Lux: 900
  - F-Stop:

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

### Features

- Focusable
- Safety switch included
- Selector 125W - 200W
- Adjustable gravity center fixing yoke or sungun handle

### Systems

- **Cinespace 125/200W AC Magnetic Kit (CS125200M)**
  - Includes: Cinespace 125/200W head, 200W magnetic ballast, extension cable, barndoor, mains cable, and carrying case.
  - Item # LTCS125200MK
  - Price: 3997.50

- **Cinespace 125/200W AC Electronic Kit (CS125200AC)**
  - Includes: Cinespace 125/200W head, 125/200W AC electronic ballast, extension cable, barndoor, mains cable, and carrying case.
  - Item # LTCS125200AC
  - Price: 4799.95

- **Cinespace 125/200W DC Electronic Kit (CS125200DC)**
  - Includes: Cinespace 125/200W head, 125/200W DC electronic ballast, extension cable, barndoor, mains cable, and carrying case.
  - Item # LTCS125200DC
  - Price: 4799.50

### Lamp Specifications

- **Watts**
  - 125
  - 200
- **Color Temp**
  - 5600°K
- **Item #**
  - GBHS125
  - GBHS200
- **Price**
  - 209.95
  - 199.95

### Accessories

- **Chimera Speed Ring (MA9780AL)**
  - Item # LTSRCS125200
  - Price: 87.50

- **Stand (PAB389787)**
  - Item # LTLSCS125200
  - Price: 106.95

- **125/200W DC Electronic Ballast (HB593000)**
  - Item # LTBEDCCS125200
  - Price: 1615.95

- **125/200W AC Electronic Ballast (HB593002A)**
  - Item # LTBEACCS125200
  - Price: 1598.95

- **200W Magnetic Ballast ALIMARC (HBA821)**
  - 230V 50Hz, 120V 60Hz.
  - Item # LTBMCS125200
  - Price: 796.95

- **Mains Cable 7´ (AC Ballast) (HCY472002)**
  - Item # LTMCCS125200
  - Price: 17.95

- **33´ (10m) Head Cable Extension (HCA781)**
  - Item # LTECCS125200
  - Price: 259.95

- **Battery Belt 30V 7AH (HA7004FC)**
  - Item # LTBBCS125200
  - Price: 1648.95

- **Battery Fast Charger (HA918015)**
  - Item # LTCBBCS125200
  - Price: 559.95

- **Lightbank Video Plus xx Small w/Diffusion Ring (MA8105)**
  - Item # LTLBVPCS125200
  - Price: 117.50

- **Chinese Lantern 20” (MA1880)**
  - Item # LTCL20CS125200
  - Price: 139.95
CINESPACE 575W

The LTM Cinespace 575W offers a wide variety of daylight applications to lighting professionals throughout the film, video, and photographic industries. This modular fixture can be used as a traditional HMI PAR light source with a set of directional lenses controlling its beam. Or, with a twist of the wrist, it can be modified into a 360° fill light with a frosted globe covering the lamp. It can also become a Chinese lantern. Whichever mode is chosen, the daylight output packs a lot of punch and setup is quick and easy. The Cinespace 575W hooks up to LTM magnetic or electronic ballasts, and draws less than 4A at 230V.

6½˝ Barndoor (HAA847)
Item # LTBDCS575..............82.95

Gel Frame (HAA562)
Item # LTFHCS575.................39.95

Lens Case (HAA10500)
Item # LTLCSS575................102.50

Lens Ring (N, M, SW) (HAA1318)
Item # LTLCSCS575.................34.95

Lens (Narrow Spot) (HAA30010222)
Item # LTLNCS575................9.95

Lens (Medium Spot) (HAA1086)
Item # LTLMCSC575................9.95

Lens (Super Wide Spot) (HAA192)
Item # LTLSCWCS575................9.95

Lens (Frosted Fresnel) (HAA80401)
Item # LTLLFCSS575.................78.95

Lens Ring (FF) (HAA80402)
Item # LTLCSCS575Q.............37.95

Chimera 20˝ Lantern (MA1880)
Item # LTCLC575..................139.95

Scrim Bag (HASB875)
Item # LTSHC575..................19.95

Lens/Scrim Bag Combo Set (HAA10500)
Item # LTLCSCS575.................119.95

Full Single Scrim 6½˝ (HAA35200)
Item # LTFSCSS575.............12.95

Half Single Scrim 6˝ (HAA35201)
Item # LTSHC575.................12.95

Full Double Scrim 6½˝ (HAA35202)
Item # LTSDCSS575.............13.95

Half Double Scrim 6˝ (HAA35203)
Item # LTSHDC575.................13.95

For Ballast Specifications, see pages 529

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
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<tbody>
<tr>
<td>575</td>
<td>5600°K</td>
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<td>209.95</td>
</tr>
</tbody>
</table>

SYSTEMS

Cinespace 575W AC Magnetic Kit (CS5755M)
Includes:
1- Cinespace 575W Head
1- 575W Magnetic Ballast with Mains Cable
1- Extension Cable
1- Barndoor
1- 4-piece combo lens/scrim set with bag
1- Carrying Case.
Item # LTCS575MK........5999.95

Cinespace 575W AC Electronic Kit (CS575B200575)
Includes:
1- Cinespace 575W Head
1- 200/575W Electronic Ballast with Mains Cable
1- Extension Cable
1- Barndoor
1- 4-piece combo lens/scrim set with bag
1- Carrying Case.
Item # LTCS575EKQ......6897.50

Cinespace 575W DC Electronic Kit (CS575B575120)
Includes:
1- Cinespace 575W Head
1- 575/1200W Electronic Ballast with Mains Cable
1- Extension Cable
1- Barndoor
1- 4-piece combo lens/scrim set with bag
1- Carrying Case.
Item # LTCS575EK........7028.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
### ELECTRONIC BALLASTS

**200W AC Electronic Ballast (HB593002A)**
- For use with Cinepar 200W, Cinespace 125/200W and Prolight 125/200W
- Dimensions: 7½x3x6½" (19.3x10.2x16.8cm)
- Weight: 5 lbs. (2.3kg)

**2500/4000W Electronic Ballast (HB593010)**
- For use with Cinepar 2.5/4K and Prolight 2.5/4K
- Dimensions: 11x15⅛x13¼" (28x39x35cm)
- Weight: 44 lbs. (20kg)

**575/1200W Electronic Ballast (HB593007)**
- For use with 2.5/4K and Prolight 2.5/4K
- Dimensions: 7½x2½x4¾" (20x6.6x10.9cm)
- Weight: 2.75 lbs. (1.2kg)

**600/12000W AC Electronic Ballast (HB593009)**
- Dimensions: 7½x2½x4¾" (20x6.6x10.9cm)
- Weight: 44 lbs. (20kg)

### MAGNETIC BALLASTS

**200W AC Magnetic Ballast (HBA281)**
- Lamp Power: 200W
- Nom Input: 120V, 60Hz
- Voltage: Single Phase
- Current: 2.5A @ 110V
- Weight: 23 lbs. (10.4kg)
- Dimensions (LHW): 356x127x133mm

**575W AC Magnetic Ballast (HBA124)**
- Lamp Power: 575W
- Nom Input: 120V, 60Hz
- Voltage: Single Phase
- Current: ±6A @ 120V
- Weight: 38 lbs. (17.2kg)
- Dimensions (LHW): 368x159x194mm

**1200W AC Magnetic Ballast (HBA608)**
- Lamp Power: 1200W
- Nom Input: 120V, 60Hz
- Voltage: Single Phase
- Current: ±12.5A @ 120V
- Weight: 55 lbs. (24.9kg)
- Dimensions (LHW): 457x216x171mm

**2500W AC Magnetic Ballast (HBA323)**
- Lamp Power: 2500W
- Nom Input: 120V, 60Hz
- Voltage: Single Phase
- Current: ±26A @ 120V
- Weight: 122 lbs. (55.3kg)
- Dimensions (LHW): 610x324x324mm

**4000W AC Magnetic Ballast (HBA429)**
- Lamp Power: 2500/4000W
- Nom Input: 100-240V, 60Hz
- Voltage: Single Phase
- Current: ±42A @ 120V
- Weight: 202 lbs. (91.6kg)
- Dimensions (LHW): 660x368x432mm

**575W/12000W AC Magnetic Ballast (HB593005)**
- Lamp Power: 575/12000W
- Nom Input: 220V, 60Hz
- Voltage: Single Phase
- Current: ±50A @ 220V
- Weight: 260 lbs. (118kg)
- Dimensions (LHW): 432x749x610mm

**12000W AC Magnetic Ballast (HBLP86801)**
- Lamp Power: 12000W
- Nom Input: 205-245V, 60Hz
- Voltage: Single Phase
- Current: ±70A @ 220V
- Weight: 297 lbs. (135.7kg)
- Dimensions (LHW): 483x610x546mm

**1200/18000W AC Magnetic Ballast (HBLP8618)**
- Lamp Power: 1200/18000W
- Nom Input: 208-240V, 60Hz
- Voltage: ±65-75/±90-102A
- Weight: 321 lbs. (145.6kg)
- Dimensions (LHW): 483x610x546mm

### ORDER INFORMATION
- (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
- 1-800-947-9941 • www.bhphotovideo.com
MOLE RICHARDSON

575W HMI SOLARSPOT

This 575 watt HMI Solarspot uses the new single-ended HMI Globe. This fixture is a light weight, highly efficient, compact source of daylight illumination. Ideal for film location, television remotes and news coverage. It produces high light output at low amperage and positive ignition system for smooth operation. Equipped with safety screen.

LIGHTING TIP

To control light spill: use barndoors or snoots - if available; use flags or mats to block the light; use fabric grids (eggcrates) on the Rifa-lite and other manufacturers lightbanks (lightbank manufacturers like Chimera offer metal grids, louvers and barndoors for their products to help control light spill from these broad-source lighting accessories).

LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>575</td>
<td>5600°K</td>
<td>GBHS75HR</td>
<td>209.95</td>
</tr>
</tbody>
</table>

PHOTOMETRICS WITH 575W LAMP AND TYPE 6145 STANDARD MAGNETIC BALLAST

MAXIMUM FLOOD

- Distance: 5' (1.5m) 10' (3.0m) 15' (4.6m)
- Beam Diameter: 4.2' (1.3m) 8.4' (2.6m) 12.6' (3.8m)
- Footcandles: 640 160 70
- Lux: 6887 1722 753
- F-Stop: 16.2 8.2 5.6

MINIMUM SPOT

- Distance: 5' (1.5m) 10' (3.0m) 15' (4.6m)
- Beam Diameter: 0.6' (0.2m) 1.2' (0.4m) 1.8' (0.5m)
- Footcandles: 8640 2160 960
- Lux: 92,966 23,242 10,330
- F-Stop: 64.5 36.2 22

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
This 1200 watt HMI SolarSpot uses the new single-ended HMI Globe. This fixture is a lightweight, highly efficient, compact source of daylight illumination. Ideal for film location, television remotes and news coverage. It produces high light output at low amperage and positive ignition system for smooth operation. Equipped with safety screen.

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200</td>
<td>5600°K</td>
<td>GBHS1200HR</td>
<td>289.95</td>
</tr>
</tbody>
</table>

**PHOTOMETRICS WITH 1200W LAMP AND TYPE 6155 STANDARD MAGNETIC BALLAST**

**MAXIMUM FLOOD**

<table>
<thead>
<tr>
<th>Distance Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>6.9’ (2.1m)</td>
<td>645</td>
<td>6940</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>10.3’ (3.1m)</td>
<td>285</td>
<td>3067</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>13.7’ (4.2m)</td>
<td>160</td>
<td>1722</td>
</tr>
</tbody>
</table>

**MINIMUM SPOT**

<table>
<thead>
<tr>
<th>Distance Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3.0m)</td>
<td>1.0’ (0.3m)</td>
<td>7100</td>
<td>76,396</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>1.5’ (0.5m)</td>
<td>3150</td>
<td>33,894</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>2.0’ (0.6m)</td>
<td>1770</td>
<td>19,045</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**ACCESSORIES**

- 2-Way/2-Leaf Barndoor (4132) Item # MOBD2HF1.2K $102.50
- 4-Way/8-Leaf Barndoor (4134) Item # MOBD4HF1.2K $134.50
- 9’ Moledisc Diffusion Frame (4133) Item # MODFDHF1.2K $31.95
- 9’ Molequick Diffusion Frame (4136) Item # MODFQHF1.2K $31.95
- 9’ Molerining Diffusion Frame (4135) Item # MODFRHF1.2K $19.50
- 9’ Full Single Scrim (4139S) Item # MOSFSHF1.2K $9.95
- 9’ Full Double Scrim (4139D) Item # MOSFDHF1.2K $12.50
- 9’ Half Single Scrim (4138S) Item # MOSHSHF1.2K $9.95
- 9’ Half Double Scrim (4138D) Item # MOSHDHF1.2K $12.50
- Snoots (Set-3) (413311) Item # MOSSQHF1.2K $92.95
- Shutter (41311) Item # MOSQHF1.2K $1199.95
- Scrim Bag (G137) Item # MOSBQHF1.2K $33.95
- C-Clamp (1201) Item # MOCCHF1.2K $19.95

**PHOTO - VIDEO - PRO AUDIO**

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008 1-800-947-9941 • www.bhphotovideo.com
A highly efficient compact source of daylight using a 200 watt HMI single ended globe. Extra wide, wide, medium and narrow beam for varied lighting applications. At only 5 lbs. a new lightweight, solid state electronic 90-260v AC ballast is now available for the 200 watt HMI Molepar. Also available is a 4 lb. portable, lightweight 30v DC ballast for locations where AC power is not available.

**SPECIFICATIONS**

**Rating:**
120V AC, single-phase 60Hz, 5 amps maximum, 200W maximum.

**Construction:**
Solid and perforated aluminum.

**Globe Connection:**
Terminal on igniter leads.

**Cable:**
5 ft., attached to ballast.

**Yoke:**
Tempered aluminum with removable 1/8" steel yoke pin, also fits on any 5/8" spud.

**Weight:**
9 lbs. 11 oz. (4.4kg) with cable.

**Dimensions:**
10 1/4 x 8 1/2 x 6 1/4" (260 x 216 x 159mm)

---

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>5600°K</td>
<td>GBHS200</td>
<td>199.95</td>
</tr>
</tbody>
</table>

**PHOTOMETRICS WITH 200W LAMP AND MOLE SOLAR BALLAST**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>3.6' (1.1m) x 3.2' (0.9m)</td>
<td>350</td>
<td>3766</td>
<td>11.8</td>
</tr>
<tr>
<td>15' (4.6m)</td>
<td>5.4' (1.6m) x 4.9' (1.5m)</td>
<td>160</td>
<td>1722</td>
<td>8.2</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>7.2' (2.2m) x 6.5' (1.9m)</td>
<td>90</td>
<td>968</td>
<td>5.65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' (3.0m)</td>
<td>2.7' (0.8m) x 2.7' (0.8m)</td>
<td>540</td>
<td>5810</td>
<td>16.2</td>
</tr>
<tr>
<td>15' (4.6m)</td>
<td>4.1' (1.2m) x 4.1' (1.2m)</td>
<td>240</td>
<td>2582</td>
<td>11</td>
</tr>
<tr>
<td>20' (6.1m)</td>
<td>5.5' (1.7m) x 5.5' (1.7m)</td>
<td>135</td>
<td>1453</td>
<td>8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
A highly efficient compact source of daylight using a 575 watt HMI single ended globe. Four separate lenses are available, extra wide, wide, medium and narrow beam for varied lighting applications. A new lightweight, solid state electronic 90-260v AC 200/575 watt ballast is available for the 575 watt HMI Molepar. Weighing only 10 lbs., this portable ballast makes for easy transportation. Head equipped with safety screen.

**LIGHTING TIP**
To diffuse a light: use an umbrella to broaden out the hard-light source; use diffusion gels or material clipped to the light’s barn-doors; bounce a light off a neutral-colored wall or ceiling; bounce a light off a large white panel or white reflector - or through a diffusion panel; use a product designed to produce soft light such as a Rifa-lite - or other manufacturers light-bank such as Chimera.

### LAMP SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>575</td>
<td>5600°K</td>
<td>GBHS575HR</td>
<td>209.95</td>
</tr>
</tbody>
</table>

### PHOTO METRICS WITH 575W LAMP AND MOLE SOLAR BALLAST

#### MAXIMUM FLOOD

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10´(3.0m)</td>
<td>4.4´ (1.3m) x 2.0´ (0.6m)</td>
<td>1485</td>
<td>15,979</td>
<td>22.5</td>
</tr>
<tr>
<td>20´(6.1m)</td>
<td>8.7´ (2.7m) x 4.0´ (1.2m)</td>
<td>370</td>
<td>3981</td>
<td>11.5</td>
</tr>
<tr>
<td>30´(9.1m)</td>
<td>13.3´ (4.1m) x 6.0´ (1.8m)</td>
<td>165</td>
<td>1775</td>
<td>8</td>
</tr>
</tbody>
</table>

#### MINIMUM SPOT

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>10´(3.0m)</td>
<td>2.3´ (0.7m) x 1.5´ (0.5m)</td>
<td>2790</td>
<td>30,020</td>
<td>36.5</td>
</tr>
<tr>
<td>20´(6.1m)</td>
<td>4.7´ (1.4m) x 3.1´ (0.9m)</td>
<td>700</td>
<td>7532</td>
<td>16.5</td>
</tr>
<tr>
<td>30´(9.1m)</td>
<td>7.0´ (2.1m) x 4.6´ (1.4m)</td>
<td>310</td>
<td>3337</td>
<td>11</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
A highly efficient, compact source of daylight using a 1,200w single-ended globe. Four separate lenses are available. Very Narrow and Narrow Spot, Medium and Wide Flood for varied lighting applications. A solid-state, electronic, flicker-free ballast is available. This new, silent, lightweight ballast will accept the 1,200w HMI Molepar and may be plugged in A.C. or D.C. outlets. Equipped with safety screen.

**1000W HMI MOLEPAR**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200</td>
<td>5600°K</td>
<td>GBHS1200HR</td>
<td>289.95</td>
</tr>
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</table>

**PHOTOMETRICS WITH 1200W LAMP**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>2.1” (0.6m)</td>
<td>4000</td>
<td>43,040</td>
<td>45</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>3.2” (0.9m)</td>
<td>1777</td>
<td>19,121</td>
<td>36</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>4.2” (1.3m)</td>
<td>1000</td>
<td>10,760</td>
<td>22</td>
</tr>
</tbody>
</table>

**NO LENS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>6.5” (1.9m)</td>
<td>1000</td>
<td>10,760</td>
<td>22</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>9.8” (2.9m)</td>
<td>444</td>
<td>4777</td>
<td>11.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>13.0” (3.9m)</td>
<td>250</td>
<td>2690</td>
<td>11</td>
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</table>

**NARROW SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>6.5” (1.9m)</td>
<td>1000</td>
<td>10,760</td>
<td>22</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>9.8” (2.9m)</td>
<td>444</td>
<td>4777</td>
<td>11.5</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>13.0” (3.9m)</td>
<td>250</td>
<td>2690</td>
<td>11</td>
</tr>
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</table>

**MEDIUM FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>20’ (6.1m)</td>
<td>17.2” (5.2m)</td>
<td>300</td>
<td>3228</td>
<td>11</td>
</tr>
<tr>
<td>30’ (9.1m)</td>
<td>25.8” (7.9m)</td>
<td>133</td>
<td>1431</td>
<td>8</td>
</tr>
<tr>
<td>40’ (12.2m)</td>
<td>34.4” (10.5m)</td>
<td>75</td>
<td>807</td>
<td>5.6</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
Introducing the all new HMI DigiMole brought to you by Mole-Richardson, the company with over 70 years of professional lighting experience. This compact and lightweight fixture will focus from spot to flood in one motion. The DigiMole is perfect for the Lighting Pro on the go. Now there's an affordable solution for all your daylight lighting applications.

**PHOTO METRICS WITH 200W LAMP**

**MINIMUM SPOT**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' (1.2m)</td>
<td>1.6’ (0.5m)</td>
<td>3667</td>
<td>39,457</td>
<td>36</td>
</tr>
<tr>
<td>6' (1.8m)</td>
<td>2.3’ (0.7m)</td>
<td>1528</td>
<td>16,441</td>
<td>16.5</td>
</tr>
<tr>
<td>8' (2.4m)</td>
<td>3.1’ (0.9m)</td>
<td>859</td>
<td>9243</td>
<td>11</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>3.9’ (1.2m)</td>
<td>550</td>
<td>5918</td>
<td>11</td>
</tr>
</tbody>
</table>

**MAXIMUM FLOOD**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ (1.2m)</td>
<td>3.9’ (1.2m)</td>
<td>875</td>
<td>9415</td>
<td>11.8</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>5.8’ (1.8m)</td>
<td>388</td>
<td>4175</td>
<td>8.5</td>
</tr>
<tr>
<td>8’ (2.4m)</td>
<td>7.8’ (2.4m)</td>
<td>219</td>
<td>2356</td>
<td>8</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>9.8’ (3.0m)</td>
<td>140</td>
<td>1506</td>
<td>5.6</td>
</tr>
</tbody>
</table>
BALLASTS

Electronic 200W AC
SquareWave Ballast (64130)
Rating:
Input: 90 to 260V AC, 50 or 60 Hz, 5 amps Max
Control Switches:
ON/OFF pushbutton switches mounted on ballast control panel. May be re-ignited when hot.
Circuit Protection:
Single pole circuit breaker
Cable:
5´ attached to ballast
Construction:
Solid & slotted sheet aluminum
Dimensions:
6¼ x 9¼ x 4¼” (16x25x12cm)
Item # MOBEHP200 .......1233.95

Electronic 200/575W AC
SquareWave Ballast (64970)
Rating:
Input: 90 to 260V AC, 50 or 60 Hz, 10 amps Max
Control Switches:
ON/OFF pushbutton switches mounted on ballast control panel. May be re-ignited when hot.
Circuit Protection:
Single pole circuit breaker
Cable:
5´ attached to ballast
Construction:
Solid and perforated sheet aluminum
Dimensions:
6¼ x 11 x 7” (16x28x18cm)
Item # MOBEHP575 .......2179.95

Electronic 575/1200W AC
SquareWave Ballast (63765)
Rating:
Input: 90 to 230V AC, 50 or 60 Hz, 15 amps Max
Control Switches:
ON/OFF pushbutton switches mounted on ballast control panel, allows fixture to be re-ignited when hot.
Circuit Protection:
Double pole circuit breaker and red indicator light.
Construction:
Solid sheet aluminum with heat sink fins
Dimensions:
11½ x 9 x 7” (29x23x18cm)
Item # MOBEHP1.2K ....2533.50

BABY SIZE STANDS

Compact Litewate Stand (2541)
An ideal stand for use in kits with many different lighting fixtures.
Item # MOLSCLWB .......144.95

Baby Size Sky-Hi Stand (1581)
Designed to reach 62 inches above the standard size baby stand.
Item # MOLSSH .......324.50

Litewate Kit Stand (3631)
Designed specifically for many of our kit configurations while also available as a single unit.
Item # MOLSLWK .......146.50

Husky Baby Stand (3621)
The standard of Husky Baby size Litewate folding motion picture stands.
Item # MOLSBH .........169.95

Super Husky Baby Stand (3641)
The standard of Super Husky Baby size Litewate folding motion picture type stands. Extension leg extends to a level position on uneven ground
Item # MOLSSHQ .......196.95

JUNIOR SIZE STANDS

Junior Size Low (1411)
A sturdy, shorter version of the Standard Size Junior Stand, except with one extension.
Item # MOLSLS .........284.50

Junior Size Standard Litewate (500557)
Lightweight version of standard heavy-duty Junior Size stand.
Item # MOLSLWJ .........339.95

STANDS SPECIFICATIONS

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Mounting</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Folded Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Litewate Kit Stand - 3631</td>
<td>5/8” Standard Stud</td>
<td>5 lbs. (2.3kg)</td>
<td>30¼” (77cm)</td>
<td>104½” (266cm)</td>
<td>30” (76cm)</td>
</tr>
<tr>
<td>Husky Baby Stand - 3621</td>
<td>5/8” Standard Stud</td>
<td>6 lbs. (2.7kg)</td>
<td>36” (91cm)</td>
<td>90¼” (230cm)</td>
<td>35½” (90cm)</td>
</tr>
<tr>
<td>Super Husky Baby Stand - 3641</td>
<td>5/8” Standard Stud</td>
<td>9 lbs. (4.1kg)</td>
<td>44¼” (113cm)</td>
<td>136¼” (346cm)</td>
<td>44½” (122cm)</td>
</tr>
<tr>
<td>Junior Size Low - 1411</td>
<td>1¼” Yoke Pin</td>
<td>18½ lbs. (8.4kg)</td>
<td>22¼” (57cm)</td>
<td>32” (81cm)</td>
<td>18¼” (46cm)</td>
</tr>
<tr>
<td>Junior Size Standard Litewate - 500476</td>
<td>1¼” Yoke Pin</td>
<td>16½ lbs. (7.5kg)</td>
<td>44½” (113cm)</td>
<td>91” (231cm)</td>
<td>41¾” (105cm)</td>
</tr>
</tbody>
</table>
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Desisti ..................................................... 539-541
Gyoury .................................................... 542-543
Kino Flo .................................................... 544-558
Lowel ....................................................... 559-565
Samigon .................................................... 545
Videssence ................................................ 551
Choosing Fluorescent Lighting

Fluorescent lighting fixtures consist of two major components, the fluorescent lamp and the ballast.

The Fluorescent lamp is a gas discharge lamp similar to neon signs or sodium vapor lights. The inside of the lamp contains inert gas plus a small amount of mercury and is coated with special phosphors that produce visible light when excited. The ballast heats filaments in the lamp during the starting process to ionize the gas. This then allows current to freely flow from one end of the lamp to the other. Electrons bombard the phosphors inside the lamp during this process, causing them to glow brightly with visible light.

The phosphor coating very efficiently converts the electric current into visible light. The phosphors are chemically formulated to tailor the lamps color spectrum for the intended application. Fluorescent lamps are more efficient at producing light than “hot lights” and they run cooler. The fluorescent lamp also last much longer. Being more efficient and longer lasting makes fluorescent an excellent lighting alternative for imaging applications.

Fluorescent lighting products provide solutions for many applications including video, digital and analog photography, stage, studio, TV, film, and medical imaging. Fluorescent fixtures offer the image-maker many benefits.

Fluorescent lighting is an economical way to light large sets while using a fraction of the power required by other lighting systems. The lamps are cool and provide a more comfortable environment for subjects that spend long periods under the lights. Because fluorescents burn much cooler than halogen and HMI, they are also safer to handle during a shoot and are less likely to cause burns if they accidentally come into contact with other objects.

Modern electronic ballasts that power the lamps operate at very high frequencies, producing flicker free results and many fixtures feature continuous dimming for more precise lighting control. Lamps that are incredibly bright are now available (They are so bright that it is difficult to look at them directly). New phosphor coatings are so highly corrected they require little or no additional filtration and the lamps render skin tones beautifully.

Fluorescent fixtures cover large areas, producing a soft uniform light that is relatively easy to control and they are available color corrected for both daylight (5500 K) and tungsten (3200 K). This makes it easy to mix Fluorescent with other lighting systems, natural and artificial. There are many accessories and light modifiers available to help control the effects of your lighting. You can choose from barn doors, grids, louvers, filters, reflectors and much more.

Fluorescents have become very popular in video and digital applications because they are so easy to handle and control.
The newly redesigned De-Lux has replaced the ever popular older models. The new De-Lux are constructed of stainless steel for durability with a new reflector system. The new reflector system optimizes all of the lamps' output and directs the lumens toward the intended area. The De-Lux has eliminated the need for an external intensifier while maintaining the highest level of light output of any compact fluorescent fixture. Offered in 3 control options: DMX, line dimming and analog with local potentiometer. Various accessories are available. Lamps are color corrected for 3200 kelvin and 5600 kelvin.

DE-LUX 2-TUBE 55W

De-Lux 2-Tube 55W DMX
Hanging Model (4600210)
Item # DE 255DM ..........879.95
De-Lux 2-Tube 55W Analog
Hanging Model (4600220)
Item # DE 255AM ..........519.95
De-Lux 2-Tube 55W Phase
Control Hanging Model (4600240)
Item # DE 255P ..........879.95

De-Lux 2-Tube 55W DMX
Pole Operated Model (4601210)
Item # DE 255DP ..........989.95
De-Lux 2-Tube 55W Analog
Pole Operated Model (4601220)
Item # DE 255AP ..........618.95
De-Lux 2-Tube 55W Phase Control
Pole Operated Model (4601240)
Item # DE 255P ..........879.95

ACCESSORIES

Color Frame (4607100)
Item # DECDFD255 ........29.95
Safety Cable (1800)
Item # DESCDFD255 .......5.50
Solid Brass C-Clamp (91200)
Item # DEECCD255 .......29.95
Egg Crate (4605200)
Item # DEECCD255 .......104.95

DE-LUX 4-TUBE 55W

De-Lux 4-Tube 55W DMX
Hanging Model (4610210)
Item # DE 455H ..........1102.50
De-Lux 4-Tube 55W Analog
Hanging Model (4610220)
Item # DE 455AH ..........749.95
De-Lux 4-Tube 55W Phase
Control Hanging Model (4610240)
Item # DE 455P ..........1102.50

De-Lux 4-Tube 55W DMX
Pole Operated Model (4611210)
Item # DE 455DP ..........1209.95
De-Lux 4-Tube 55W Analog
Pole Operated Model (4611220)
Item # DE 455AP ..........854.95
De-Lux 4-Tube 55W Phase Control
Pole Operated Model (4611240)
Item # DE 455P ..........1209.95

ACCESSORIES

Color Frame (4617100)
Item # DECDFD455 .......35.95
Safety Cable (1800)
Item # DESCDFD455 .......5.50
Solid Brass C-Clamp (91200)
Item # DEECCD455 ......29.95
Egg Crate (4615200)
Item # DEECCD455 ......127.50

PHOTOMETRICS WITH DULUX 55W/32 LAMPS

2-TUBE 55W

Distance  Beam Diameter W x H  Footcandles  Lux
10' (3m)  23' (7m) x 12' (3.7m)  29 312
20' (6.1m)  46' (14m) x 24' (7.3m)  7 75

4-TUBE 55W

Distance  Beam Diameter W x H  Footcandles  Lux
10' (3m)  26.5' (8.1m) x 11.5' (3.5m)  61 656
20' (6.1m)  53' (16.2m) x 23.1' (7m)  15 161

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.    *With ISO 100 film @ 1/8 sec.

Egg Crates
Fitted on the front of the unit and direct light forward from front of the unit. Available in two sizes.

Color/Gel Frames
Fitted on the front of the unit and can work with the egg crates or lens.
CD lights utilize the CD M discharge lamp. This lamp is available in 3000 and 4200 Kelvin. The lamp offers a 10,000 hour lamp life, low power consumption, excellent power consumption (CRI 85) and low heat emissions. Due to the high efficiency of the lamp (90 lumens per watt) the CD 7F has the same light output as a 500 watt Tungsten fresnel. This fixture is excellent for small news sets, video lighting kits and photography. The fixture integrates an on-board electronic ballast for convenience and maintenance. A full range of accessories are also available as well as all light bank manufacturer’s products.

### CD 7F Fresnel

- **CD 7F Watt Fresnel**
  - Item # DECD7F ..............674.95
- **70W Mastercolor 3000°K Cold Restrike Lamp**
  - Item # DEL70CD15B ........56.50
- **70W Mastercolor 4200°K Cold Restrike Lamp**
  - Item # DEL70CD15BQ .......53.50

### Specifications

- **Lens:** 4½˝ (110mm) Fresnel
- **Dimensions:**
  - Manual Operated: 8 x 11 x 7˝ (20x28x18cm)
  - Pole Operated: 10 x 12 x 10˝ (25x30x25cm)
- **Weight:**
  - Manual Operated: 5.31 lbs. (2.4kg)
  - Pole Operated: 12.5 lbs. (5.7kg)

### Accessory Ries

- **4-Leaf Barndoor**
  - Item # DEBD4M650 ........43.50
- **Color Frame**
  - Item # DECFQCD7F ........14.50
- **Snoo Set**
  - Item # DESSCD7F ..........53.95
- **Safety Cable**
  - Item # DESC M650 ..........53.95
- **Scrim Bag**
  - Item # DEBM 650 ...........19.95
- **5¼˝ Full Single Scrim**
  - Item # DEFSFM 650 ........9.95
- **5¼˝ Half Single Scrim**
  - Item # DESHM 650 ..........9.95
- **5¼˝ Full Double Scrim**
  - Item # DEFSDM 650 ..........9.95
- **5¼˝ Half Double Scrim**
  - Item # DESHDM 650 ..........9.95
- **5¼˝ Scrim Set**
  - Item # DSSM650 ..........37.50
  - Includes FS, HS, FD, HD.

### CD 15F Fresnel

- **CD 15F Watt Fresnel**
  - Item # DECD15F ..........817.50
- **150W Mastercolor 3000°K Cold Restrike Lamp**
  - Item # DEL150CD15B ......56.50
- **150W Mastercolor 4200°K Cold Restrike Lamp**
  - Item # DEL150CD15BQ .......66.95

### Specifications

- **Lens:** 6˝ (150mm) Fresnel
- **Dimensions:**
  - Manual Operated: 11x21x11˝
  - Pole Operated: 12x18x12˝
- **Weight:**
  - Manual Operated: 13 lbs. (5.9kg)
  - Pole Operated: 18 lbs (8.2kg)

### Accessory Ries

- **4-Leaf Barndoor**
  - Item # DEBD4CD15F ........54.95
- **8-Leaf Barndoor**
  - Item # DEBD8CD15F ..........82.50
- **Color Frame**
  - Item # DECFL1K .............18.95
- **Snoo Set**
  - Item # DESSL1K .............89.95
- **Safety Cable**
  - Item # DESC L1K .............5.50
- **Scrim Bag**
  - Item # DEBL1K ..............22.50
- **7½˝ Full Single Scrim**
  - Item # DESFSL1K ..........12.95
- **7½˝ Half Single Scrim**
  - Item # DESHL1K ..........11.95
- **7½˝ Full Double Scrim**
  - Item # DESFL1K ..........12.95
- **7½˝ Half Double Scrim**
  - Item # DESHDL1K ..........11.95
- **7½˝ (18.4cm) Scrim Set**
  - Item # DSSL1K ..........47.95
  - Includes FS, HS, FD, HD.
CD lights utilize the CDM discharge lamp. This lamp is available in 3000 and 4200 Kelvin. The lamp offers a 10,000 hour lamp life, low power consumption, excellent power consumption (CRI 85) and low heat emissions. Due to the high efficiency of the lamp (90 lumens per watt) the CD 15F has the same light output as a 1000 watt Tungsten Renoir Broadlight as well as the same optics. This fixture is excellent for small news sets or blue screen lighting, video lighting kits and photography. Delivers a 95° beam spread and flat even field. The fixture integrates an on-board electronic ballast for convenience and maintanence. A full range of accessories are also available as well as all light bank manufacturer's products.

**CD 15B BROADLIGHT**

**ACCESSORIES**

- 8-Leaf Barndoors (2716200) Item # DEBD8CD15B......862.50
- 4-Piece Scrim Set (2719100) Item # DESS4CD15B......112.50
- Full Single Scrim (2719101) Item # DESFSCD15B......28.50
- Half Single Scrim (2719103) Item # DESHSCD15B......28.50
- Full Double Scrim (2719102) Item # DESFDCD15B......28.50
- Half Double Scrim (2719104) Item # DESHDCD15B......28.50
- Safety Cable (1800) Item # DESCL1K........................5.50

**SPECIFICATIONS**

- **Dimensions:** 12 x 11 x 6” (WHD) (305 x 279 x 152mm)
- **Weight:** 8 lbs. (3.6kg)

**PHOTO METRICS FOR CD 7F FRESNEL**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (in)</th>
<th>Footcandles</th>
<th>Lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>11.5’ (3.5m)</td>
<td>20</td>
<td>2152</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>17.3’ (5.3m)</td>
<td>9</td>
<td>97</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>23.1’ (7.0m)</td>
<td>5</td>
<td>54</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>28.9’ (8.8m)</td>
<td>3</td>
<td>32</td>
</tr>
</tbody>
</table>

**PHOTO METRICS FOR CD 15F FRESNEL**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (in)</th>
<th>Footcandles</th>
<th>Lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>11.5’ (3.5m)</td>
<td>47</td>
<td>506</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>17.3’ (5.3m)</td>
<td>21</td>
<td>226</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>23.1’ (7.0m)</td>
<td>12</td>
<td>129</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>28.9’ (8.8m)</td>
<td>8</td>
<td>86</td>
</tr>
</tbody>
</table>

**PHOTO METRICS FOR CD 15B BROADLIGHT**

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Beam Diameter (in)</th>
<th>Footcandles</th>
<th>Lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’ (3m)</td>
<td>21.4 x 18.7’ (6.5 x 5.7m)</td>
<td>32</td>
<td>344</td>
</tr>
<tr>
<td>15’ (4.6m)</td>
<td>32.2 x 28’ (9.8 x 8.5m)</td>
<td>14</td>
<td>151</td>
</tr>
<tr>
<td>20’ (6.1m)</td>
<td>42.9 x 37.3’ (13.1 x 11.4m)</td>
<td>8</td>
<td>86</td>
</tr>
<tr>
<td>25’ (7.6m)</td>
<td>53.6 x 46.6’ (16.3 x 14.2m)</td>
<td>5</td>
<td>54</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

**LIGHTING Q&A**

Should I have a standard scale of prices, regardless of whether the shoot is at a wedding or office or in my studio?

Time is your main factor in charging. The more time you spend, the more money you should get. Location is number two. Time away from your studio should be more expensive to the client. The ASMP would be happy to send you a current listing of suggested fees for various jobs.

The Gyoury Light System was actually designed in the field during the shooting of several low budget TV series. Chris Gyoury, the designer envisioned a system of fluorescent light units that could literally adapt to every lighting necessity in studio use or on location and yet be small, light and portable. The system, now available in various kit forms or as individual items is ideally suited to the demands of ambitious broadcast production to quick one-on-one interviews or even great looking wedding videos.

### THE LIGHTS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLD1</td>
<td>Dimming Gyoury Light, Daylight 110v AC electronic flicker free ballast, clip on/clip off main reflector</td>
<td>6 1/2 lbs.</td>
</tr>
<tr>
<td>GL1</td>
<td>Non-Dimming Gyoury Light, Daylight 110v AC electronic flicker free ballast, clip on/clip off main reflector</td>
<td>6 1/2 lbs.</td>
</tr>
</tbody>
</table>

### THE KITS

<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1D</td>
<td>One Gyoury Light (GL1) in Case. Weights: 32 lbs.</td>
<td>32 lbs.</td>
</tr>
<tr>
<td>K1D Kit, Daylight (K1D)</td>
<td>One Gyoury Light (GL1) in Case. Weights: 32 lbs.</td>
<td>32 lbs.</td>
</tr>
<tr>
<td>K1T Kit, Tungsten (K1T)</td>
<td>One Gyoury Light (GL1) in Case. Weights: 32 lbs.</td>
<td>32 lbs.</td>
</tr>
<tr>
<td>K2 Kit</td>
<td>Two Gyoury Lights (GL1) in Case. Weights: 38 lbs.</td>
<td>38 lbs.</td>
</tr>
<tr>
<td>K2D Kit, Daylight (K2D)</td>
<td>Two Gyoury Lights (GL1) in Case. Weights: 38 lbs.</td>
<td>38 lbs.</td>
</tr>
<tr>
<td>K2T Kit, Tungsten (K2T)</td>
<td>Two Gyoury Lights (GL1) in Case. Weights: 38 lbs.</td>
<td>38 lbs.</td>
</tr>
<tr>
<td>KDL DeLuxe Kits</td>
<td>Kit includes: Two Gyoury Lights (GL1) and one of the following accessories: Lantern, Extension Cord, Eggcrate, Mini Reflector, Universal Wand Mount (for one or two wands) Visor Mount (for one or two wands). Weight: 42 lbs.</td>
<td>42 lbs.</td>
</tr>
<tr>
<td>KDL DeLuxe Kits</td>
<td>Kit includes: Two Gyoury Lights (GL1) and one of the following accessories: Lantern, Extension Cord, Eggcrate, Mini Reflector, Universal Wand Mount (for one or two wands) Visor Mount (for one or two wands). Weight: 42 lbs.</td>
<td>42 lbs.</td>
</tr>
<tr>
<td>KDDL DeLuxe Kits</td>
<td>Kit includes: Two Gyoury Lights (GL1) and one of the following accessories: Lantern, Extension Cord, Eggcrate, Mini Reflector, Universal Wand Mount (for one or two wands) Visor Mount (for one or two wands). Weight: 42 lbs.</td>
<td>42 lbs.</td>
</tr>
</tbody>
</table>

All Gyoury fluorescent light kits are housed in a rigid black PVC case 28x20x10 1/2” (71x51x27cm) with rugged aluminum hinge and 2 steel twist catches. The 1/2” thick base of the case may be removed to reveal a foam lined accessory compartment. The base, when out of the case, doubles as a handy pigeon plate for mounting 1 or 2 lights on fully adjustable ball and socket mounts. Also included is a scabbard for protecting up to four spare wands.

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**Equipment Leasing Available**
Eggcrate (GLE)
All aluminum construction with Velcro tabs for mounting to Gyoury Light.
Item #GYGLE .................... 47.50

Wand (GLWD)
55 Watt 5600K (Daylight)
Sylvania Studio Line high intensity lamp, with special molded base and 4" pigtail with Amphenol 4 pin connector.
Item #GYGLWD ................. 39.50

Wand (GLWT)
55 Watt 3200K (Tungsten)
Sylvania Studio Line high intensity lamp, with special molded base and 4" pigtail with Amphenol 4 pin connector.
Item #GYGLWT ................ 39.95

Extension Cord (GLC9)
For remoting individual wands from the ballast. Twin cable with two male and two female Amphenol connectors, ideal for use with lantern accessory.
Item #GYGLC9 .................. 73.50

Extension Cord (GLC20)
Same as above only 20’ in length.
Item #GYGLC20 ............... 84.95

Visor Mount (GLVM)
Originally designed to mount one or two wands to a car windshield visor, but can be strapped with its Velcro bands to anything. Wands may be attached side by side or diametrically opposed giving double the length of illumination, or even at 90° to each other.
Item #GYGLVM ................ 69.95

Ballast Holder (GLBH)
This black anodized lightweight wheeled "dolly" accepts four Gyoury Light ballasts for use when the reflectors are remoted. The ballasts are held up above the floor to keep them out of harm’s way and may be plugged in to the dolly’s power strip, thus reducing cable tangles.
Item #GYGLBH ............... 189.95

Monster Mount (GLMM)
This 39” long, two part, plated steel mount holds four "remoted" reflectors (GLRR) with ball and socket adjustment of each light giving an incredibly adjustable large source of powerful light. The monster mount comes with a junior pin on each end, bored out to accept a baby pin and threaded with locking knob on each end. An additional baby pin is provided at the center of gravity of the monster mount for mounting from the ceiling for a huge “top light”. The monster mount is designed for vertical use or already inclined at 30° for true tabletop use.
Item #GYGLMM ............... 189.95

Pistol Grip (GLPG)
Use to hand hold half a Monster M ount with up to two lights on board.
Item #GYGLPG ............... 52.50

Lantern Kit (GLLK)
24” ball of soft slides onto a standard Home Depot painter’s pole (not included) with a reach of up to 12’. Fixture assembles in moments and will accommodate two or four wands. Diffusion is Rosco 1/4” grid cloth. Ballast snaps on to handle end of painters pole as counter weight.
Item #GYGLLK ................ 237.50

Mini Reflector with Barndoors (GLMR)
Simply slide over a single wand and control light pattern down to a thin slit. May be used in conjunction with universal mount GLWM.
Item #GYGLMR ............... 87.50

Remote Reflector Mount (GLRR)
This lightweight black anodized panel has the standard ball and socket mount and accepts the reflector only, fitted with two wands. The mount is equipped with two clips to hold the Amphenol connectors in an orderly manner, making for neat cable handling. The mount and reflector and two wands weigh only three and a half pounds - feather light for such a powerful light source - use it on the monster mount or anywhere when lightweight is vital.
Item #GYGLRR ............... 93.95

Universal Mount (GLWM)
M iniature ball and socket mounting in 1/2” diameter x 2¹⁄₂” spud. (Use with a C stand). Can be used to hold one or two wands. Adjustable to any angle. Complete with nylon hardware.
Item #GYGLWM ............... 99.95
KINO FLO
FOTO-FLO 400

FEATURES
- Trim and lightweight.
- Excellent soft key for use in fashion photography and digital video production.
- Has built-in louvers and barn doors.
- Lamp can operate outside the fixture.

FIXTURE SPECIFICATIONS
Lamps:
4 Lamps
Lamp Type:
F40 / T12
Weight with Lamps:
13 lbs. (5.8kg.)
Dimensions:
51.5 x 13 x 3.5”
(with 6.5” Barndoors)
1310 x 330 x 90mm
(with 165mm Barndoors)

BALLASTS SPECIFICATIONS
BAL-422-120
Input Voltage:
120/VAC 50/60Hz
Output Frequency:
25kHz
Amperage:
5A
Light Switching:
4/2/Off
Weight:
4 lbs. (1.8kg.)
Dimensions:
9.5 x 8.25 x 2.5”
(241 x 222 x 64mm)

LIGHTING TIP
Snoots are long narrow tubes placed in front of a light source to keep the light in a narrow tight beam. Snoots are used for hair or other small areas that you want to highlight.

PHOTO METRICS
<table>
<thead>
<tr>
<th>Distance (ft/m)</th>
<th>Footcandles 1 ft</th>
<th>Lux (lx) 10 ft</th>
<th>F-Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>2' (0.6m)</td>
<td>432</td>
<td>4651</td>
<td>16</td>
</tr>
<tr>
<td>4' (1.2m)</td>
<td>140</td>
<td>1507</td>
<td>8.5</td>
</tr>
<tr>
<td>10' (3.0m)</td>
<td>28</td>
<td>305</td>
<td>4.0</td>
</tr>
<tr>
<td>12' (3.7m)</td>
<td>20</td>
<td>220</td>
<td>2.8</td>
</tr>
</tbody>
</table>

¹ foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

The Foto-Flo 400 fixture is the new “it” light from Kino Flo. This trim, lightweight Kino Flo is versatile enough to work as a flattering soft key light for fashion photography as well as digital video production. Although uniquely soft, the Foto-Flo 400 can be controlled with built-in louvers and barn doors. The broad, even beam makes it a popular choice for lighting chromakey walls, tabletop subjects and dura trans images. For special shots, the lamps can be operated outside a fixture, taped under desks or laid behind a stack of books. They’re cool so they can work very close to the talent without fear of excessive heat.

FOTO-FLO 400
Foto-Flo 400 Fixture (CFXF4)
Item # KIFF400F .............. 259.95
Mounting Plate with Baby Receiver (MTPB41)
Item # KIMPBRFF400 .......... 87.95
Extension 25’ (X1625)
Item # KIFF400E25 ............ 96.50
Foto-Flo 400 Ballast (BAL422120)
The compact Foto-Flo 400 ballast attaches to the fixture, for on-board light control or can be removed to operate the lamps remotely.
Item # KIFF400B ............. 374.95

ACCESSORIES
Mounting Plate w/3/8” Pin (MTPK41)
Item # KIMPP3FF400 .......... 82.95
Extension Cable 12’ (X0912)
Item # KIDE12 ................ 56.95
4’ Louver/Black (LVR4804B)
Item # K1448LB .............. 19.95

FOTO-FLO 400 KIT
Foto-Flo 400 Kit 120VAC (KITF4120)
Consists of:
1- Foto-Flo 400 System
1- 6-Lamp Carry Case
1- Travel Case
Dimensions: 54 x 20 x 8”
(1372 x 508 x 203mm)
Weight: 35 lbs. (15.5kg.)
Item # KIFF400K ............. 1049.95
The new Foto-Flo 200 is the featherweight version of the Foto-Flo 400. It's half the size but includes the same intelligent design features such as a removable ballast for on-board or remote light control, and a new twist-on center mount. This provides 360 degrees of fixture rotation and attaches directly to a light stand. The Foto-Flo 200 can be used as a soft edge light when turned vertically, as a soft fill when mounted horizontally, or as a flattering eyelight over the camera. Tucked into a corner of a room or from a low drop ceiling it can display ample key and fill light for corporate video productions. Fixtures are portable, controllable and durable for location or studio work. The electronic ballasts operate lamps flicker free and on high output.

The new SAMIGON FLR-1 Fluorescent Ring Light with Translucent Snoot for Digital and Film Cameras (CSA309) is what you see is what you get. It provides even, shadow-free lighting, avoids synchronization problems with digital cameras, eliminates guesswork about shadows and light coverage, and uses 6 AA batteries for portability or AC adapter (not included). It includes 49mm, 52mm and 55mm adapters to fit most cameras.

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2’ (0.6m)</td>
<td>233</td>
<td>2508</td>
<td>8</td>
</tr>
<tr>
<td>4’ (1.2m)</td>
<td>82</td>
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<td>5.6</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>16</td>
<td>169</td>
<td>1.8</td>
</tr>
<tr>
<td>12’ (3.7m)</td>
<td>11</td>
<td>123</td>
<td>1.3</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Kino Flo's new Foto-Flo 44 displays a broad, even beam ideally suited to lighting chromakey sets, small news and interview stages, and distance learning facilities. Still photographers particularly have embraced the Foto-Flo 44's uniquely soft color correct light and it's cool operation for fashion and digital tabletop work. The Foto-Flo 44 is favored by many lighting professionals because it combines the best features of the portable and studio lighting instruments in one design. The center mount system provides 360 degrees of fixture rotation like other Foto-Flos, while the high output, flicker free ballasts mounts permanently on the fixture for on-board light control. Energy efficient and bright, the Foto-Flo 44 can power daylight, tungsten or colored lamps at twice the light output as standard fluorescent fixtures. It comes with built-in barndoors, a 15' (4.6m) power cable and a detachable focusing louver to help control the spread and direction of the light.

**FEATURES**

- Displays a broad even beam suited for multiple applications
- Provides soft color correct light with cool operation
- Combines the best portable and studio design in one fixture
- On-board high output flicker free ballast
- Delivers twice the output of other standard fluorescent fixtures

**FIXTURE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>120VAC</th>
<th>230VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Voltage:</strong></td>
<td>120/VAC 50/60Hz</td>
</tr>
<tr>
<td><strong>Output Frequency:</strong></td>
<td>25kHz</td>
</tr>
<tr>
<td><strong>Amperage:</strong></td>
<td>5</td>
</tr>
<tr>
<td><strong>Lamps:</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Lamp Type:</strong></td>
<td>F40 / T12</td>
</tr>
<tr>
<td><strong>Light Switching:</strong></td>
<td>4/2/Off</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>16 lbs. (7.2kg.)</td>
</tr>
<tr>
<td><strong>Dimensions:</strong></td>
<td>51.5 x 13 x 6.5” (with 6.5” Barndoors) 1310 x 330 x 90mm (with 165mm Barndoor)</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- **Lollipop with 3/8˝ Pin (MTPL)**
  - Item # KIL38 ... \$19.95
- **4´ Louver/Black (LVR4804B)**
  - Item # KI44BLB .. \$19.95
- **4´ Flozier Diffuser (DFS4804)**
  - Item # KI4BFF4FF44 .......... \$99.95

**FOTO-FLO 44 KITS**

- **Foto-Flo 44 Kit**
  - 120VAC (KITF44120)
  - Consists of:
  - 1- Foto-Flo 44 System
  - 1- 6 Lamp Carry Case
  - 1- Travel Case
  - Dimensions: 54 x 20 x 8” (1372 x 508 x 203mm)
  - Weight: 38 lbs. (17kg.)
  - Item # KIFF44CK ........ \$1049.95

- **Foto-Flo 44 Kit**
  - 230VAC (KITF44230)
  - Same as above in 230V.
  - Item # KIFF44CKX ........ \$1049.95

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<td>4’ (1.2m)</td>
<td>140</td>
<td>1507</td>
<td>8.5</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>28</td>
<td>305</td>
<td>4.0</td>
</tr>
<tr>
<td>12’ (3.7m)</td>
<td>20</td>
<td>220</td>
<td>2.8</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
The Flathead 80 System works very much like the vaunted Foto-Flo 400, but it delivers twice as much light. The Flathead 80 comes with Kino Flo’s custom Hollywood-style True Match lamps and reflector technology that displays a very soft, flattering beauty light. Idea for fashion and portrait photography. Lamps can be controlled remotely with a pair of Foto-Flo ballasts. It’s cool and lightweight enough to be hand held or mounted directly to walls and ceilings. A special parabolic louver focuses the beam. Cardholder “bumpers” at each corner have also been added for hanging the fixtures, or for attaching foam core cutters or black cloth.

### Flathead 80 System Kit

**Flathead 80 System Kit (SYS4808S120)**

Consists of:
- 1 Flathead 80 fixture
- 4 4-bank ballasts
- 1 Mounting Plate
- 25’ extension cables

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIFH80SK</td>
<td>Flathead 80 System Kit</td>
<td>1914.95</td>
</tr>
</tbody>
</table>

### Ballasts Specifications

**BAL-422-120 (Need 2)**

- **Input Voltage:** 120/VAC 50/60Hz
- **Output Frequency:** 25kHz
- **Amperage:** 2 x 5A = 10A
- **Weight:** 4 lbs. (2.2kg.)
- **Dimensions:** 9.5 x 8.3 x 2.5” (241 x 222 x 64mm)

### Fixtures Specifications

| Lamps | 8 |
| Lamp Type | F40 / T12 |
| Weight with Lamps | 26 lbs. (11.8kg.) |
| Dimensions | 51 x 24 x 4.13” (1295x616x105mm) |

### Accessories

| Extension (X1612) | Item # K14BE12FH80 ........74.50 |
| Louver/Black (LVR180B) | Item # K1LBIF80 ...............17.50 |

**Ship Case / 1 System (KASF801)**

Item # KIFH80C1 ..................509.95

### PHOTO METRICS

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<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
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<tr>
<td>4’ (1.2m)</td>
<td>285</td>
<td>3068</td>
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<tr>
<td>6’ (1.8m)</td>
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<td>1507</td>
<td>8</td>
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<tr>
<td>10’ (3.0m)</td>
<td>58</td>
<td>642</td>
<td>5.6</td>
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</table>

*With ISO 100 film @ 1/8 sec.
Kino Flo has revolutionized its award winning location lighting systems by creating the Diva-Lite 400 and Diva-Lite 200 series especially designed for digital video capture. The new Diva-Lite portable dimming soft lights bring Kino Flo's advanced professional lighting to the digital video generation. The Diva-Lite 400 Universal, for example, boasts Kino Flo's trademark modular fixture designs with a full range dimming system that operates on a universal power supply (100 VAC to 265 VAC). The Diva-Lite 400 excels as a soft key and fill source for globetrotting DV shooters.

**FIXTURES SPECIFICATIONS**

**DIVA-LITE 400 120VAC**
- Input Voltage: 120 VAC 50/60Hz
- Output Frequency: 30kHz
- Dimming Range: 100-5%
- Lamps: 4
- Lamp Type: CK55/T5
- Weight: 14 lbs. (6.5kg.)
- Dimensions: 26 x 12 x 6.2” (with 5.5” barndoors 660 x 305 x 159mm (with 140mm barndoors)

**DIVA-LITE 400 230VAC**
- Input Voltage: 220-240VAC 50/60Hz
- Output Frequency: 30kHz
- Dimming Range: 100-5%
- Lamps: 4
- Lamp Type: CK55/T5
- Weight: 14 lbs. (6.5kg.)
- Dimensions: 26 x 12 x 6.2” (with 5.5” barndoors 660 x 305 x 159mm (with 140mm barndoors)

**DIVA-LITE 400 Universal**
- Input Voltage: 100-265VAC 50/60Hz
- Output Frequency: 30kHz
- Dimming Range: 100-5%
- Lamps: 4
- Lamp Type: CK55/T5
- Weight: 14 lbs. (6.5kg.)
- Dimensions: 26 x 12 x 6.2” (with 5.5” barndoors 660 x 305 x 159mm (with 140mm barndoors)

**PHOTO METRICS**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
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<td>2000</td>
<td>8.5</td>
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<tr>
<td>4’ (1.2m)</td>
<td>153</td>
<td>1087</td>
<td>5.65</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>30</td>
<td>334</td>
<td>4</td>
</tr>
<tr>
<td>12’ (3.7m)</td>
<td>25</td>
<td>255</td>
<td>2.85</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Kino Flo has revolutionized its award winning location lighting systems by creating the Diva-Lite 400 and Diva-Lite 200 series especially designed for digital video capture. The new Diva-Lite portable dimming soft lights bring Kino Flo’s advanced professional lighting to the digital video generation. The Diva-Lite 400, for example, boasts Kino Flo’s trademark modular fixture designs with a full range dimming system that operates on a universal power supply (100 VAC to 265 VAC). The Diva-Lite 400 excels as a soft key and fill source for globe-trotting DV shooters. The very compact Diva-Lite 200 answers the need for an even smaller, lightweight source especially well suited to ENG, EFP and documentary style field work.

**DIVA-LITE 200 FEATURES**
- New series especially designed for digital video capture.
- Portable modular fixture with a full range dimming system.
- 200 Series is well suited to ENG EFP and documentary style field work.

**DIVA-LITE 200 SPECIFICATIONS**

**DIVA-LITE 200 120VAC**
- Input Voltage: 120/60Hz
- Output Frequency: 30kHz
- Dimming Range: 100-5%
- Amperage: 1.07A
- Lamps: 2
- Lamp Type: CK55/T5
- Weight: 8.5 lbs. (3.8kg.)
- Dimensions: 26 x 7.5 x 6.25˝ (with 3.5˝ barndoors)
  660 x 191 x 159mm (with 90mm barndoors)

**DIVA-LITE 200 230VAC**
- Input Voltage: 220-240VAC 50/60Hz
- Output Frequency: 30kHz
- Dimming Range: 100-5%
- Amperage: 0.60A
- Lamps: 2
- Lamp Type: CK55/T5
- Weight: 8.5 lbs. (3.8kg.)
- Dimensions: 26 x 7.5 x 6.25˝ (with 3.5˝ barndoors)
  660 x 191 x 159mm (with 90mm barndoors)

**PHOTOMETRICS**
1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.

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<th>Distance</th>
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<td>4’ (1.2m)</td>
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<td>690</td>
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<td>10’ (3.0m)</td>
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<tr>
<td>12’ (3.7m)</td>
<td>10</td>
<td>120</td>
<td>2.5</td>
</tr>
</tbody>
</table>

*With ISO 100 film @ 1/8 sec.

**Accessories**
- Gel Frame (GPFD2) Item # KILD200GF ............ 26.50
- Louver/Silver (LVRD2S) Item # KILD200LS .......... 17.50
- Diva-Lite 200 Flouzier (DFSD2) Item # KILD200FF ............ 82.95
- Lollipop with Baby Receiver (MTPLB) Item # KILBLB ................... 33.50
- Diva-Lite 200 Case (KASD2C) Item # KILD200TC ........ 218.95
- Diva Rolling Case (KASD2R) Item # KILD200RC2 ........ 393.95

**DIVA-LITE 200 KITS**
- Diva-Lite 200 Kit 120VAC (KITD2120) Consists of:
  1- Diva-Lite 200 Fixture
  1- Flozier Diffuser
  1- Travel Case
  Dimensions: 28 x 7.75 x 14˝ (711 x 197 x 355mm)
  Weight: 16 lbs. (7kg. )
  Item # KILD200SK .......... 797.95

- Diva-Lite 200 Kit 230VAC (KITD2230) Same as above in 230V.
  Item # KILD200SKX .......... 797.95

**DIVA-LITE 2 KITS**
- Diva-Lite 2 Kit 120VAC (KITD2120/2) Consists of:
  2- Diva-Lite 200 Fixture
  2- Flozier Diffuser
  1- Removable Lamp Case
  1- Travel Case
  Dimensions: 31.5 x 12.5 x 22” (800 x 317 x 559mm)
  Weight: 41 lbs. (18.5kg. )
  Item # KIDL200SK........... 1727.95

- Diva-Lite 2 Kit 230VAC (KITD2230/2) Same as above in 230V.
  Item # KIDL200SKX........... 1727.95

**DIVA-LITE 2 LIGHT KIT**
- Diva-Lite 2 Kit 120VAC (KITD2120/2) Consists of:
  2- Diva-Lite 200 Fixture
  2- Flozier Diffuser
  1- Removable Lamp Case
  1- Travel Case
  Dimensions: 10 x 12.5 x 22” (250 x 317 x 559mm)
  Weight: 41 lbs. (18.5kg. )
  Item # KIDL200SKK........... 1727.95

**DIVA-LITE 2 LIGHT KIT**
- Diva-Lite 2 Kit 230VAC (KITD2230/2) Same as above in 230V.
  Item # KIDL200SKK........... 1727.95
If there is must-see TV lighting it must be Kino Flo’s Image studio series. The new Image 82, Image 42, and Image 22 are the latest addition to Kino Flo’s popular line of Image luminaires. Image 82s display a broad, soft beam especially valued by lighting designers for illuminating television broadcast news sets, chromakey walls, virtual studios and large video production facilities. Eight-lamp Kino Flo fixtures often serve as key lights and fill sources on commercial and television production sets.

For smaller stages, the Kino Flo Image 42 and Image 22 reign supreme. The fixture’s shallow profile makes them easy to hang from a low ceiling or in a tight corner off camera.

The only fluorescent lighting company to win an Academy Award, Kino Flo style lighting brings a special touch to any studio project. It’s the difference between a flat video and an artistically rendered portrait. Image fixtures are easy on the eyes. They don’t need much power. They’re cool. Lamp life far exceeds that of traditional tungsten hot lights.

All the Image fixtures take Kino Flo’s True Match studio lamps. On-board switching powers lamps in pairs, while a removable gel frame and focusing louver control the spread and intensity of the light.

In addition, each fixture comes with a 15’ power cord.

FEATURES

- Display a broad, soft beam, for multiple use.
- Shallow profile, excellent for low ceiling mounting or in tight corners.
- Have a longer lamp life than traditional tungsten hot lights.
- All fixtures use True Match studio lamps.
- Fixtures include gel frames and silver louvers.

### IMAGE 82

- **Image 82** (IMG82120)
  - Item # KIIM82SK .......... 1744.95
- **Image 82 230VAC** (IMG82230)
  - Item # KIIM82SKX ........ 1744.95

### IMAGE 42

- **Image 42** (IMG42120)
  - Item # KIIM42SK .......... 957.95
- **Image 42 230VAC** (IMG42230)
  - Item # KIIM42SKX ........ 957.95

### IMAGE 22

- **Image 22** (IMG22120)
  - Item # KIIM22SK .......... 719.95
- **Image 22 230VAC** (IMG22230)
  - Item # KIIM22SKX ........ 719.95

For lamps, see pages 556-557

### PHOTOMETRICS

#### IMAGE 82

<table>
<thead>
<tr>
<th>Distance (ft)</th>
<th>Footcandles</th>
<th>Lux</th>
<th>F-Stop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ (1.2m)</td>
<td>285</td>
<td>3068</td>
<td>11</td>
</tr>
<tr>
<td>6’ (2.4m)</td>
<td>140</td>
<td>1507</td>
<td>8</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>58</td>
<td>642</td>
<td>5.6</td>
</tr>
<tr>
<td>12’ (3.7m)</td>
<td>42</td>
<td>455</td>
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#### IMAGE 42

<table>
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</thead>
<tbody>
<tr>
<td>2’ (0.6m)</td>
<td>432</td>
<td>4651</td>
<td>16</td>
</tr>
<tr>
<td>4’ (1.2m)</td>
<td>140</td>
<td>1507</td>
<td>8</td>
</tr>
<tr>
<td>10’ (3.0m)</td>
<td>28</td>
<td>305</td>
<td>4</td>
</tr>
<tr>
<td>12’ (3.7m)</td>
<td>20</td>
<td>220</td>
<td>2.83</td>
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#### IMAGE 22

<table>
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<td>4’ (1.2m)</td>
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<td>10’ (3.0m)</td>
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<td>2.85</td>
</tr>
<tr>
<td>12’ (3.7m)</td>
<td>16</td>
<td>173</td>
<td>2.5</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.   *With ISO 100 film @ 1/8 sec.
**FIXTURES SPECIFICATIONS**

**IMAGE 82 120VAC**
Input Voltage: 120VAC 50/60Hz
Output Frequency: 25kHz
Amperage: 10A
Lamp Switching: 8/6/4/2/Off
Lamp Type: F40/T12
Weight: 34 lbs. (16.7kg)
Dimensions: 54.5 x 32.63 x 6.25” (1384 x 829 x 159mm)

**IMAGE 82 230VAC**
Input Voltage: 230VAC 50/60Hz
Output Frequency: 25kHz
Amperage: 5A
Lamp Switching: 8/6/4/2/Off
Lamp Type: F40/T12
Weight: 34 lbs. (16.7kg)
Dimensions: 54.5 x 32.63 x 6.25” (1384 x 829 x 159mm)

**IMAGE 42 120VAC**
Input Voltage: 120VAC 50/60Hz
Output Frequency: 25kHz
Amperage: 5A
Lamp Switching: 4/2/Off
Lamp Type: F40/T12
Weight: 20 lbs. (10kg)
Dimensions: 54.5 x 20.5 x 6.25” (1384 x 514 x 159mm)

**IMAGE 42 230VAC**
Input Voltage: 230VAC 50/60Hz
Output Frequency: 25kHz
Amperage: 9A
Lamp Switching: 4/2/Off
Lamp Type: F20/T12
Weight: 13 lbs. (6.3kg)
Dimensions: 30.5 x 20.25 x 6.25” (775 x 514 x 159mm)

**IMAGE 22 120VAC**
Input Voltage: 120VAC 50/60Hz
Output Frequency: 25kHz
Amperage: 1.8A
Lamp Switching: 4/2/Off
Lamp Type: F20/T12
Weight: 13 lbs. (6.3kg)
Dimensions: 30.5 x 20.25 x 6.25” (775 x 514 x 159mm)

**ACCESSORIES**

**IMAGE 82**
- Gel Frame (Repl.) (GFR80) Item # KI180GF ............... 29.95
- Louver Silver (Repl.) (LVR80S) Item # KI180LS .......... 19.95
- Junior Pin (MTP80) Item # KI1JP ................... 49.95
- Barndoors (BRD80) Item # KIBD4180 ............. 369.95

**IMAGE 42**
- Gel Frame (Repl.) (GFR40) Item # KI140GF ............... 26.50
- Louver Silver (Repl.) (LVR40S) Item # KI140LS .......... 17.50
- Junior Pin (MTP80) Item # KI1JP ................... 49.95
- Barndoors (BBD40) Item # KIBD4140 ........... 284.50

**IMAGE 22**
- Gel Frame (Repl.) (GFR20) Item # KI120GF ............... 26.50
- Louver Silver (Repl.) (LVR20S) Item # KI120LS .......... 17.50
- Junior Pin (MTP80) Item # KI1JP ................... 49.95
- Barndoors (BBD20) Item # KI120B4 ......... 196.95
- Baby Receiver for Image 42/22 only (MTP40) Item # KI1BRA4020 .......... 49.95

VIDESSENCE
Lightweight kit for easy handling features two mini versions of the Modular Series fixtures. Provided complete with stands, remote ballast box, two sets of lamps (daylight and tungsten), power cords and mounting adapters. Soft case has separate compartments to protect the contents during travel.

Videssence Double Fixture MODKIT (KM2055SB)
Contents:
(2) M055-155BX 120 or 230V non-dim fixtures, 55W compact fluorescent multi purpose fixture that provides even coverage for short throw studio, ENG or OB lighting applications. Fixture has a hardwooded 15’ power cord.
(1) PD-2X55/CB-P16 power supply with 16’ cord.
(2) M-T-LOS-KH folding heavy kit stands.
(2) M-T-MH-BS 5/8’ baby stud mounting adapter.
(2) L-BX55/32 tungsten color 55 watt biax lamp.
(2) L-BX55/55 daylight color 55 watt biax lamp.
(1) CS-KM 2055SB soft bag.
Dimensions: 30 x 12 x 9” (76.2 x 30 x 22.9cm)
Item # VIKM2055SB ... 1049.95
The places you can go with this new lightweight Kamio ring light from Kino Flo. Its unique halo of soft illuminations is an ideal beauty light. The Kamio system comes with a Kamio fixture and dimming ballast. The fixture includes a reflector, detachable head extension, and matte box assembly with lens mount clamp and filter tray holders. Accessories include step-down lens adapters, an eyebrow, sunshades and 4x5.65” filter trays. Its flicker free, remote dimming ballast uses 12VDC power to operate the True Match ring lamps.

For lamps, see pages 556-557

KAMIO SYSTEM

Kamio Fixture (KAM1)
Item # KIKL1120 ............ 1399.95

Dimming Ballast
12VDC (BAL130X4)
Item # KIKB ..................... 218.95

Tungsten Ring Light 6” (06CK32)
Item # K16KF32KL ............. 82.95

Daylight Ring Light 6” (06CK55)
Item # K16KF55CL ............. 82.95

12V SINGLE KIT

If you need a softlight for illuminating small cramped interiors, such as a bus, an elevator, a helicopter cockpit, or to use as an Obie light, the the 12V Single System will deliver a picture perfect solution. The compact portable light is dimmable and most often comes in a travel kit that also includes power adapter cables. One of the most versatile location lighting products, the 12V Single System’s ballast can operate 15” to 4’ lamps, in T8 or T12 styles, and is compatible with the 120VAC Single System components.

Consists of:
2- Dimming Ballast, 120VDC
2- 15-inch Fixtures
2- Extension Cables 25’
1- DC Car Plug Adapter
1- DC Alligator Clip Adapter
1- Travel Case

Dimensions: 15” Single Fixture: 17.25 x 3.5 x 2.5” (438 x 90 x 65mm)
12V Single Kit (KIT130)
Item # KI12SSK .................. 798.95

PHOTO - VIDEO - PRO AUDIO

PHOTOMETRICS

1 foot candle = 10.76 lux. F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

<table>
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<th>Footcandles</th>
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<td>1210</td>
<td>8</td>
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<tr>
<td>2’ (0.6m)</td>
<td>45</td>
<td>495</td>
<td>4.5</td>
</tr>
<tr>
<td>3’ (0.9m)</td>
<td>27</td>
<td>290</td>
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<tr>
<td>4’ (1.2m)</td>
<td>17</td>
<td>185</td>
<td>2.8</td>
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ACCESSORIES

Lens Adapter 80mm (KAM80)
Item # KIKS80 .................. 82.95

Lens Adapter 85mm (KAM85)
Item # KIKS85 .................. 82.95

Lens Adapter 95mm (KAM95)
Item # KIKS95 .................. 82.95

Lens Adapter 110mm (KAM110)
Item # KIKSR110 .............. 82.95

Kamio Sunshade (2pk) (KAM1S)
Item # KIKSB ................. 393.95

Power Supply 120VAC (PWS138120/X4)
Item # KIKPS100250 .......... 257.95

KAMIO LENS ADAPTER TABLE

Lamp Type: FC20 / T5
Lamp Diameter: 6” (152mm)
Weight w/Lamp: 1 lb. (.45kg)
Dimensions: 9.9 x 9.1 x 3.9”
(251.3 x 230 x 98.6mm)

DIMMING BALLAST

Input Voltage: 12VDC
Frequency: 25kHz
Dimming: 100%-15%
Amperage: FC20/3ADC
**MINI-FLO KIT**

The Mini-Flo is one of the smallest portable light sources. The Mini-Flo can be found on film sets lighting nighttime car interiors or mounted on cameras as small Obie lights. Rows of the dimming Mini-Flos are also built into TV anchor desks as soft fill sources. Each travel kit comes with a pair of 9” Mini-Flo Single Systems, which take Kino Flo True Match daylight and tungsten balanced lamps and accessories.

Consists of:
- 2- Dimming Ballast 12VDC
- 2- Power Supply, 120VAC
- 2- 9˝ Complete Fixture
- 1- Extension Cable, 12’
- 1- DC Car Plug Adapter
- 1- DC Alligator Clip Adapter
- 1- Flex Arm, 6’ Coil
- 2- Flex Arm M ount
- 1- Travel Case

Dimensions: 9-inch Fixture: 10.25 x 2.75 x 2.5˝ (260 x 70 x 64mm)

**Micro-Flo Kit 120VAC (KIT132120)**

Item # KIM FSK .......................... 739.50

**Micro-Flo Kit 120VAC (KIT13909)**

Item # KIM FSK .......................... 659.50

---

**KAMIO 6 KITS**

**Kamio 6 Kit**

Kit includes:
1- Kamio 6 Ring Light (112mm) w/2-Stage Filter Tray and detachable 3’ Harness (KAM6)
1- Kamio On-Camera 12V Ballast w/ 4-Pin XLR Cable (BAL141X)
1- Kamio Mount (MTP141)
1- Baby Pin Shoe Mount (MTP141S)

**Kamio 6 System**

Kit includes:
1- Kamio 6 Ring-Light with 2-Stage Filter Tray & 3’ Harness
1- Kamio On-Camera 12V Ballast/4-Pin XLR
1- Kamio Ballast Mount
1- Baby Pin Shoe Mount
1- Travel Case.

**Kamio 6E System**

Kit includes:
1- Kamio 6E Ring-Light with 3’ Harness
1- Kamio On-Camera 12V Ballast/4-Pin XLR
1- Kamio Ballast Mount
1- Baby Pin Shoe Mount
1- Travel Case.

**Kamio 6E System**

Kit includes:
1- Kamio 6E Ring-Light with 3’ Harness
1- Kamio On-Camera 12V Ballast/4-Pin XLR
1- Kamio Ballast Mount
1- Baby Pin Shoe Mount
1- Travel Case.

---

**Kamio 6E System**

Kit includes:
1- Kamio 6E Ring-Light with 3’ Harness
1- Kamio On-Camera 12V Ballast/4-Pin XLR
1- Kamio Ballast Mount
1- Baby Pin Shoe Mount.

**Kamio 6E System**

Kit includes:
1- Kamio 6E Ring-Light with 3’ Harness
1- Kamio On-Camera 12V Ballast/4-Pin XLR
1- Kamio Ballast Mount
1- Baby Pin Shoe Mount.

**Kamio 6E System**

Kit includes:
1- Kamio 6E Ring-Light with 3’ Harness
1- Kamio On-Camera 12V Ballast/4-Pin XLR
1- Kamio Ballast Mount
1- Baby Pin Shoe Mount.

**Kamio 6E System**

Kit includes:
1- Kamio 6E Ring-Light with 3’ Harness
1- Kamio On-Camera 12V Ballast/4-Pin XLR
1- Kamio Ballast Mount
1- Baby Pin Shoe Mount.
## True Match Lamps

### True Match 2900 Kelvin Tungsten

<table>
<thead>
<tr>
<th>Part #</th>
<th>Type</th>
<th>Length</th>
<th>Diameter</th>
<th>Base</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>092-K29</td>
<td>F6/T5</td>
<td>9' (212mm)</td>
<td>.6&quot; (15mm)</td>
<td>Mini Bipin</td>
<td>6</td>
<td>9KI9KF29L</td>
<td>19.95</td>
<td></td>
</tr>
<tr>
<td>152-K29-S</td>
<td>F14/T12</td>
<td>15&quot; (360mm)</td>
<td>1.5&quot; (38mm)</td>
<td>Med Bipin</td>
<td>14</td>
<td>1176KI15KF29L</td>
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<tr>
<td>242-K29-S</td>
<td>F20/T12</td>
<td>24&quot; (600mm)</td>
<td>1.5&quot; (38mm)</td>
<td>Med Bipin</td>
<td>20</td>
<td>1680KI22KF29L</td>
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<tr>
<td>362-K29-S</td>
<td>F30/T12</td>
<td>36&quot; (900mm)</td>
<td>1.5&quot; (38mm)</td>
<td>Med Bipin</td>
<td>30</td>
<td>2620KI32KF29L</td>
<td>26.50</td>
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</tr>
<tr>
<td>488-K29-S</td>
<td>F40/T12</td>
<td>48&quot; (1200mm)</td>
<td>1.5&quot; (38mm)</td>
<td>Med Bipin</td>
<td>40</td>
<td>3560KI4KF29L</td>
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### True Match 3200 Kelvin Tungsten

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<th>Lumens</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>100-KF32-H</td>
<td>F2/T2</td>
<td>4&quot; (100mm)</td>
<td>.2&quot; (5mm)</td>
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<tr>
<td>150-KF32-H</td>
<td>F4/T2</td>
<td>6&quot; (150mm)</td>
<td>.2&quot; (5mm)</td>
<td>4</td>
<td>1700KI22KF32L</td>
<td>19.95</td>
<td></td>
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<tr>
<td>152-KF32-S</td>
<td>F14/T12</td>
<td>15&quot; (360mm)</td>
<td>1.5&quot; (38mm)</td>
<td>Med Bipin</td>
<td>14</td>
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<tr>
<td>242-KF32-S</td>
<td>F20/T12</td>
<td>24&quot; (600mm)</td>
<td>1.5&quot; (38mm)</td>
<td>Med Bipin</td>
<td>20</td>
<td>1700KI22KF32L</td>
<td>19.95</td>
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<tr>
<td>362-KF32-S</td>
<td>F30/T12</td>
<td>36&quot; (900mm)</td>
<td>1.5&quot; (38mm)</td>
<td>Med Bipin</td>
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<tr>
<td>488-KF32-S</td>
<td>F40/T12</td>
<td>48&quot; (1200mm)</td>
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<td>3640KI43KF32L</td>
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### True Match 5500 Kelvin Daylight

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<th>Length</th>
<th>Diameter</th>
<th>Base</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-KF55-H</td>
<td>F2/T2</td>
<td>4&quot; (100mm)</td>
<td>.2&quot; (5mm)</td>
<td>2</td>
<td>1120KI15KF55L</td>
<td>19.95</td>
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<td></td>
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<tr>
<td>150-KF55-H</td>
<td>F4/T2</td>
<td>6&quot; (150mm)</td>
<td>.2&quot; (5mm)</td>
<td>4</td>
<td>1600KI22KF55L</td>
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<tr>
<td>092-KF55</td>
<td>F6/T5</td>
<td>9&quot; (212mm)</td>
<td>.6&quot; (15mm)</td>
<td>Mini Bipin</td>
<td>14</td>
<td>1110KI15KF55L</td>
<td>19.95</td>
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<tr>
<td>152-KF55-S</td>
<td>F14/T12</td>
<td>15&quot; (380mm)</td>
<td>1.5&quot; (38mm)</td>
<td>Med Bipin</td>
<td>14</td>
<td>1120KI15KF55L</td>
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<td>242-KF55-S</td>
<td>F20/T12</td>
<td>24&quot; (600mm)</td>
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<tr>
<td>362-KF55-S</td>
<td>F30/T12</td>
<td>36&quot; (900mm)</td>
<td>1.5&quot; (5mm)</td>
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<td>2540KI32KF55L</td>
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<tr>
<td>488-KF55-S</td>
<td>F40/T12</td>
<td>48&quot; (1200mm)</td>
<td>1.5&quot; (5mm)</td>
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<td>40</td>
<td>3480KI45KF55L</td>
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### True Match Compact Lamps

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<th>Type</th>
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<th>Diameter</th>
<th>Base</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>55C-K29</td>
<td>CK55/T5</td>
<td>21&quot; (533mm)</td>
<td>.6&quot; (15mm)</td>
<td>2G11</td>
<td>55</td>
<td>4500KI68KF55TL</td>
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<tr>
<td>55C-K55</td>
<td>CK55/T5</td>
<td>21&quot; (533mm)</td>
<td>.6&quot; (15mm)</td>
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<td>4500KI68KF55DL</td>
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### TRUE MATCH LAMPS

**True Match Kamio Lamps**

<table>
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<th>Part #</th>
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<th>Wattage</th>
<th>Lumens</th>
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<tbody>
<tr>
<td>06-CK32</td>
<td>FC20/T5</td>
<td>6”</td>
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<td>G10q</td>
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<td>K16KF32KL</td>
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<td>06-CK55</td>
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<td>1120</td>
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### VISUAL EFFECTS LAMPS

#### Blue 420 mm

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<th>Wattage</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
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<td>242-P10S</td>
<td>F20/T12</td>
<td>24”</td>
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<td>KI2BL</td>
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<tr>
<td>482-S10S</td>
<td>F65/T12</td>
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<td>38mm</td>
<td>Med Bipin</td>
<td>65</td>
<td>KI4420BL</td>
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#### Green 525 mm

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<th>Base</th>
<th>Wattage</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-K5-H</td>
<td>F2/T2</td>
<td>100mm</td>
<td>5mm</td>
<td>2</td>
<td>KI100GMH</td>
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</tr>
<tr>
<td>150-K5-H</td>
<td>F4/T2</td>
<td>150mm</td>
<td>5mm</td>
<td>4</td>
<td>KI150GMH</td>
<td>43.95</td>
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<tr>
<td>242-K5-S</td>
<td>F20/T12</td>
<td>24”</td>
<td>38mm</td>
<td>Med Bipin</td>
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<td>KI2525GL</td>
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#### UV Blacklight 350 mm

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<tbody>
<tr>
<td>242-S9</td>
<td>F20/T12</td>
<td>24”</td>
<td>38mm</td>
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<td>20</td>
<td>KI2BLU</td>
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<tr>
<td>482-S9</td>
<td>F40/T12</td>
<td>48”</td>
<td>38mm</td>
<td>Med Bipin</td>
<td>40</td>
<td>KI4BLU</td>
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### VISUAL EFFECTS LAMPS

#### Blue 450 mm

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<th>Diameter</th>
<th>Base</th>
<th>Wattage</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-K4-H</td>
<td>F2/T2</td>
<td>100mm</td>
<td>5mm</td>
<td>2</td>
<td>KI100BMH</td>
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<tr>
<td>150-K4-H</td>
<td>F4/T2</td>
<td>150mm</td>
<td>5mm</td>
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<td>KI150BMH</td>
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<tr>
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#### Red 625 mm

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<th>Item #</th>
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<tbody>
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<td>Med Bipin</td>
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#### Pink 612 mm

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<tbody>
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<td>100mm</td>
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<td>KI100PMH</td>
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<tr>
<td>150-K7-H</td>
<td>F4/T2</td>
<td>150mm</td>
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<tr>
<td>242-K7-S</td>
<td>F20/T12</td>
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#### Gold 580 mm

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<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
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<td>F20/T12</td>
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<td>38mm</td>
<td>Med Bipin</td>
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<td>KI2GL</td>
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### ACCESSORIES

- **2’ Lamp Safety-Coating Kit, 24 pk.** (SFC24) Item # KI2LSCK .......................................................... 117.95
- **4’ Lamp Safety-Coating Kit, 24 pk.** (SFC48) Item # KI4LSCK .......................................................... 134.95
TELESCOPING CASES

4’ System Ship Case (KAS41)
- Dimensions: 57 x 9.5 x 15”
- Weight: 37 lbs. (16.6kg.)
- Holds: Foto-Flo 400 System.
  Item # KI4SSC ..................
  129.95

4’ Lamp Ship Case (KAS48)
- Dimensions: 52.5 x 10.5 x 11.5”
- Weight: 15.5 lbs. (7kg.)
- Holds: (20) 4’ Lamps.
  Item # KI4LSC ..................
  129.95

4’ Fixture Ship Case, Large (KAS54L)
- Dimensions: 57 x 14.75 x 17”
- Weight: 22 lbs. (10kg.)
- Holds: (5) Foto-Flo 400 Fixtures.
  Item # KI54FSCL ............
  146.95

4’ Fixture Ship Case, Small (KAS54S)
- Dimensions: 57 x 14.75 x 11.5”
- Weight: 17 lbs. (7.7kg.)
- Holds: (3) Foto-Flo 400 Fixtures.
  Item # KI54FSCS ............
  124.95

Crate with Lid (KASKFC)
- Dimensions: 21.5 x 7.5 x 12.5”
- Weight: 6 lbs. (2.7kg.)
- Holds: Cables, Ballasts & Mounts.
  Item # KIBCCL ...................
  19.95

CLAMSHELL CASES

12V Single Kit Travel Case (KAS12V)
- Dimensions: 21 x 7.5 x 16.75”
- Weight: 6 lbs. (2.7kg.)
- Holds: 12V Single Kit Items.
  Item # KI12TCT ...............152.95

Diva-Lite 200 Travel Case (KASD2C)
- Dimensions: 28 x 7.75 x 15”
- Weight: 9 lbs. (4kg.)
- Holds: Diva-Lite 200 Fixtures.
  Item # KIDL200TC ..........218.95

Diva-Lite 400 Travel Case (KASD4C)
- Dimensions: 27.75 x 7.75 x 12”
- Weight: 12 lbs. (5.4kg.)
- Holds: Diva-Lite 400 Fixtures.
  Item # KIDL400TC ..........284.50

Diva-Lite Rolling Case (KASD2R)
- Dimensions: 31.5 x 12.5 x 22”
- Weight: 22.4 lbs. (10kg.)
- Holds: (2) Diva-Lite 200 Fixtures.
  Item # KIDL200RC2 ...........393.95

Kamio Kit Travel Case (KASKAM1)
- Dimensions: 22 x 16 x 11”
- Weight: 12 lbs. (5.4kg.)
- Holds: Kamio Kit Items.
  Item # KIKTC .................279.95

Micro-Flo Kit Travel Case (KASMC)
- Dimensions: 14.25 x 6.5 x 11.5”
- Weight: 4 lbs. (1.8kg.)
- Holds: Micro-Flo Kit Items.
  Item # KIMCFKTC .............129.95

Mini-Flo Kit Travel Case (KASMF)
- Dimensions: 19 x 7 x 14”
- Weight: 5 lbs. (2.25kg.)
- Holds: Mini-Flo Kit Items.
  Item # KITCMFK .............129.95

Lamp Carry Case (T12) (KASC48)
- Dimensions: 50.5 x 5.5 x 3.5”
- Weight: 2 lbs. (0.9kg.)
- Holds: (6) 4’T12 Lamps.
  Item # K16LCC4 .............17.50

Lamp Carry Case (Compact) (KASCL6)
- Dimensions: 24 x 7.75 x 10.75”
- Weight: 1 lb. (0.45kg.)
  Item # K16LCC5 .............19.95

METAL VALENCE CASES

Foto-Flo Case (KASF4C)
- Dimensions: 54 x 20 x 8”
- Weight: 20 lbs. (9kg.)
- Holds: (1) Foto-Flo System.
  Item # KITCFF400 ..........306.50

Flathead 80 Ship Case (1) (KAS801)
- Dimensions: 53.75 x 10 x 28.5”
- Weight: 49 lbs. (20.5kg.)
- Holds: Flathead 80 System.
  Item # KIFH80C1 .............509.95

Flathead 80 Ship Case (2) (KAS802)
- Dimensions: 53.75 x 15 x 29”
- Weight: 87 lbs. (39kg.)
- Holds: (2) Flathead 80 Systems.
  Item # KIFH80C2 .............774.50

Gaffer Ship Case (2) (KASGAF)
- Dimensions: 55.25 x 10 x 23.5”
- Weight: 49 lbs. (20.5kg.)
- Holds: (2) Foto-Flo 400 Systems.
  Item # KIGKSC ...............459.50

Image 42 Ship Case (1) (KASI401)
- Dimensions: 56.5 x 10.25 x 23.5”
- Weight: 29 lbs. (13kg.)
- Holds: Image 42 Fixture.
  Item # K1140SC ..........432.95

Image 82 Ship Case (1) (KAS801)
- Dimensions: 56.5 x 7.75 x 35”
- Weight: 38 lbs. (17kg.)
- Holds: Image 82 Fixture.
  Item # K1180SC1 ..........509.95

Image 82 Ship Case (2) (KAS802)
- Dimensions: 56.5 x 16.25 x 35”
- Weight: 98 lbs. (44kg.)
- Holds: (2) Image 82 Fixtures.
  Item # K1180SC2 ..........774.50

LAMP PADS

4-Lamp Foam Pad (INSL4)
- Dimensions: 23.75 x 9.25 x 1”
- (603 x 235 x 25.4mm)
- Fits: KAS-48, 72, 96.
  Item # KI4LFP ................3.95

6-Lamp Foam Pad (INSL6)
- Dimensions: 23.75 x 13.25 x 1”
- (603 x 337 x 25.4mm)
- Fits: KAS-54S, 54L, 96L.
  Item # KI6LFP ................3.95

Kino Flo Cases

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
**KINO FLO PARTS**

---

**GEL FRAMES**

- Diva-Lite 200 Gel Frame (GFRI20) - Item # KIDL200GF - $26.50
- Diva-Lite 400 Gel Frame (GFRI40) - Item # KIDL400GF - $26.50
- Image 22 Gel Frame (GFRI20) - Item # KII20GF - $26.50
- Image 42 Gel Frame (GFRI40) - Item # KII40GF - $26.50
- Image 82/Flathead 80 Gel Frame (GFRI80) - Item # KII80GF - $29.95

**DIFFUSION MATERIALS**

- Foto-Flo 200 Full Flozier (DFS4802) - Item # KIFF400F - $196.95
- Foto-Flo 400 Full Flozier (DFS4804) - Item # KIFF400F4FF - $196.95
- Foto-Flo 400 Full Flozier (DFS4804) - Item # KIFF400F4FF - $99.95
- Foto-Flo 200 Half Flozier (DFS4802) - Item # KIFF200F - $122.50
- Foto-Flo 400 Half Flozier (DFS4804) - Item # KIFF200F4FF - $122.50
- Foto-Flo 200 Full Flozier (DFS4802) - Item # KIFF200F - $69.95
- Foto-Flo 400 Full Flozier (DFS4804) - Item # KIFF200F4FF - $69.95

**BLACK EGGCRATE LOUVERS**

- 9˝ Mini-Flo Louver-Black (LVR091S) - Item # KIIM82SK - $19.95
- 15˝ Single Louver-Black (LVR15VS) - Item # KIIM42SK - $19.95
- 15˝ Single/12V Louver-Black (LVR15VS) - Item # KIIM42SK - $17.50
- Foto-Flo 200 Louver-Black (LVRH802S) - Item # KIIM120LS - $17.50
- Foto-Flo 400 Louver-Black (LVRH804S) - Item # KIIM120LS - $17.50

**BARDOORS**

- Image 22 Barndoors (Set of 4) (BRD20) - Item # KII120B4 - $196.95
- Image 42 Barndoors (Set of 4) (BRD40) - Item # KI140B4 - $284.50
- Image 82 Barndoors (Set of 4) (BRD80) - Item # KI180B4 - $369.95
- Image 82/Flathead 80 Barndoors (BRD80) - Item # KI180B4 - $17.50

**COOL LIGHTS**

- 9˝ Mini-Flo Louver-Black (LVR091S) - Item # KIIM82SK - $19.95
- 15˝ Single Louver-Black (LVR15VS) - Item # KIIM42SK - $17.50
- 15˝ Single/12V Louver-Black (LVR15VS) - Item # KIIM42SK - $15.00
- Foto-Flo 200 Louver-Black (LVRH802S) - Item # KIIM120LS - $17.50
- Foto-Flo 400 Louver-Black (LVRH804S) - Item # KIIM120LS - $17.50

**ORDER & INFORMATION**

1-800-947-9941 • www.bhphotovideo.com
CONTINUOUS LIGHTING

COOL LIGHTS

Reflectors

Mounting Plate (Female)

Power Supplies

Cigarette Adapter

Extensions

Reflector

100M Micro-Flo Reflector (REF100M)
Item # KIMFR100 ................. 29.95

150M Micro-Flo Reflector (REF150M)
Item # KIMDFR150 ............... 34.95

FOTO-FLO

Foto-Flo 200 Reflector (REF200)
Item # K1DFR ..................... 34.95

Foto-Flo 400 Reflector (REF400)
Item # K14DFR ................... 43.95

DIVA-LITE

Diva-Lite 200 Reflector (REF2)
Item # K1DL002 ................. 26.50

Diva-Lite 400 Reflector (REF4)
Item # K1DL400 ................. 34.95

Image 22 Reflector (REF20)
Item # K1I20R ................... 34.95

Image 42 Reflector (REF40)
Item # K1I40R ................... 43.95

Image 82/Flathead 80 Reflector (REF80)
Item # K1IR80 .................. 82.95

CONTINUOUS LIGHTING

KINO FLO

PARTS

MOUNTING PLATES (MALE)

Image 80/Flathead 80 (MTPB80)
Cardholder.
Item # KI10B .................... 19.95

Image 42/22 (MTPB40)
Baby Receiver assembly.
Item # KIIBRA4020 ........... 49.95

Image 82/42/22 (MTPB80)
Yoke Baby Receiver assembly.
Item # KIIBRA4020 ........... 49.95

Kino “Twist On” Mount (MTPK1)
with 3/8 Pin.
Item # KIM38 ................... 82.95

Kino “Twist On” Mount (MTPK81)
with Junior Pin.
Item # KITOMPJ ............... 152.95

Kino Lollipop (MTPL)
with 3/8 Pin.
Item # KIL38 ................... 19.95

Flathead 80 Lollipop (MTPL)
with Junior Pin.
Item # KILMJP ................. 82.95

Mini-Flo (MTPM)
Flex Arm Mount.
Item # KIMFFAMP ............. 19.50

Mini-Flo (MTPM2)
Flex Arm, 6’ Coil.
Item # KIMFFA6C ............. 19.50

POWER SUPPLIES

Power Supply 6.0A,
120VAC/12vdc
Item # KIPS100230 .......... 257.95

Power Supply 1.2A,
120VAC/12vdc
Item # KIPS100250 .......... 257.95

POWER CABLES

Medium Duty Stands (KITS2)
(2) with Travel Bag.
Item # KIMD52U ............... 268.50

Medium Duty Stands (KITS3)
(3) with Travel Bag.
Item # KIMD53U ............... 362.50

LAMP HARNESS

9" Mini-Flo Harness (HAR091)
Item # K19MFH ................. 43.95

15" Single
Locking Harness (HAR1501)
Item # K11SSLH ............... 33.50

2’ Single
Locking Harness (HAR2401)
Item # K12SLH ................. 33.50

4’ Single
Locking Harness (HAR4801)
Item # K14SLH ................. 34.50

Kamio Harness (HARKAM1)
Item # KIKH6 ................. 56.95

MOUNTING PLATES (FEMALE)

Kino “Twist On” (MTPK41)
Item # KITOMPBR ........... 87.95

Image 42/22 (MTPB40)
Yoke Baby Receiver Assembly.
Item # KIIBRA4020 ........... 49.95

Kino Lollipop (MTPLB)
With Baby Receiver.
Item # KIKLB ................. 33.50

COMBINERS & SPLITTERS

Foto-Flo 200 to 400
Combiner (X09A16)
Item # KID4BCFF200 ....... 44.95

Foto-Flo 200 to Single
Splitter (X09A4)
Item # KIDBTSS .............. 29.95

Foto-Flo 400 to Single
Splitter (X16A4)
Item # KI4BTSS .............. 44.95

Foto-Flo 400 to 200
Splitter (X16A9)
Item # KI4BTDS .............. 43.95

EXTENSIONS

Mini-Flo Extension 12’ (X012S)
Item # KIFM12 ............... 19.50

Single Extension 12’ (X012)
Item # KISE12 ............... 39.50

Single Extension 25’ (X025)
Item # KISE25 ............... 53.95

Foto-Flo 200 Extension 12’ (X0912)
Item # KIDE12 ............... 56.95

Foto-Flo 200 Extension 25’ (X0925)
Item # KIDE25 ............... 69.95

Foto-Flo 400 Extension 12’ (X1612)
Item # KIFEP12 ............. 74.50

Foto-Flo 400 Extension 25’ (X1625)
Item # KIFF400E25 .......... 96.50

Foto-Flo Extension (XM36)
Item # KIMCFE6 ............. 26.50

LIGHT STANDS

Equipment Leasing Available
The portable Light-Array provides crucial front fill or side light when shooting in fluorescent overhead lit interiors or closeup tabletop settings. Folds up to fit into case.

**FEATURES**

- 8 square foot, soft-shadow, 3 amp, cool, fluorescent fixture. Uses six 120 volt standard 4-foot, 2-pin tubes
- Various color temperature tubes available to balance Array with existing overhead fluorescent lamps (tungsten and daylight correction also available)
- Flicker-free electronic ballast pivots to provide adjustable counter balance for head which tilts, pans, rotates and booms
- Accessory extension cable allows head to be used remote from ballast
- Fast-folding unit fits in 1 case with its air-cushioned stand, boom and ballast, less tubes

**SPECIFICATIONS**

- **Lamp Voltage:** 120V AC 60 Hz
- **Amperage:** 3 amps
- **Electronic Ballast:** Flicker free (25 KHZ)
- **Switch:** In-line, 3 or 6 tubes
- **Weight:**
  - Head: 7.5 lbs. (3.4kg)
  - Ballast, Cable, Boom: 10.5 lbs. (4.76kg)
- **Size Closed:** 31 x 5 x 8.5” (78.7x12.7x21.6cm)

**LIGHT ARRAY KIT**

Light-Array Kit (A190)

- Consists of:
  - 1- Lowel Light-Array complete (A1-10)
  - 1- KSA Stand (KSA)
  - 1- Set Lowel Casters (LC)
  - 3- Safety Cables (1 pkg) (CM-50)
  - 1- Full Array Case (A1-86)

**Weight:**

- 40 lbs. (18.2kg)
- **Dimensions:**
  - 37.5 x 17.75 x 7.75” (95.3x45.1x19.7cm)

**PHOTO METRICS**

| Tubes Horizontal | Distance | Beam Diameter | Footcandles | Lux | F-Stop*
|------------------|----------|---------------|-------------|-----|-----
|                  | 5’ (1.5m) | 85° H x 93° V | 135         | 1452 | 8.5
|                  | 10’ (3.0m) | 85° H x 93° V | 40          | 430  | 4.5
|                  | 15’ (4.5m) | 85° H x 93° V | 21          | 226  | 3.5

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.

**ACCESSORIES**

- **Ballast Extension Cables (A133)**
  Set of two 8’ (2.43m), 9-wire cables allow the Ballast box to be positioned further away from the head when required.
  - Weighs 1.3 lbs. (580g.)
  - Item # LOECBLA .............. 84.95

- **Replacement Reflector (A130)**
  Washable white fabric reflector shell stays on the head when folded; attaches with Velcro fasteners for easy removal.
  - Supplied with Light-Array Head.
  - Item # LORLA ............. 101.95

- **Light-Array Case (A186)**
  - High impact molded polyethylene case, hinged lid
  - Holds 1 complete Light-Array; 1 KSA stand, Frame-ups, clamps etc.
  - Size: 37.5 x 17.75 x 7.75” (95.3 x 45 x 19.7cm).
  - Weight: 15 lbs. (6.8 kg)
  - Item # LOCLAA186 ...... 334.95

- **Fluorescent Tube Case (A187)**
  - Polyethylene tubular case
  - Transports 12 4-foot tubes
  - Size: 52 x 7.5” dia. (132 x 19cm).
  - Weight: 11 lbs. (5 kg)
  - Item # LOCLAA187 ...... 164.95

- **Frost Gel (A172)**
  - Tough frost gel 24” x 54” (61x137.2cm) diffuses the light and hides individual tubes—advisable when the light is reflected in subject’s eyes, chrome surfaces, etc.
  - Item # LOFFLA ........ 19.95

- **Complete Light-Array (A110)**
  - Includes Head with Reflector & Barndoors, Ballast and Boom.
  - Does not include stand or tubes.
  - Weighs 18 lbs. (8.17kg.)
  - Item # LOLA ............. 934.95

- **Light-Array Boom (A113)**
  - Light-Array Head pans and tilts up when mounted directly on a stand. The Boom enables it to tilt down and reach out over a subject.
  - Item # LOBLAQ .......... 79.95

- **Light-Array Head (A111)**
  - Head with Reflector and Barndoors.
  - Weighs 7.5 lbs. (3.4kg.)
  - Item # LOHLA ........... 573.95

- **Light-Array Ballast (A112)**
  - Flicker-free electronic Ballast with cables serve as an adjustable counter-balance on the boom; can also be clamped on a stand or pipe.
  - Weighs 9.25 lbs. (4.2kg.)
  - Item # LOBLA ............ 488.95

**PHOTOMETRICS**

| Distance | Beam Diameter | Footcandles | Lux | F-Stop*
|----------|---------------|-------------|-----|-----
| 5’ (1.5m) | 85° H x 93° V | 135         | 1452 | 8.5
| 10’ (3.0m) | 85° H x 93° V | 40          | 430  | 4.5
| 15’ (4.5m) | 85° H x 93° V | 21          | 226  | 3.5

1 foot candle = 10.76 lux.  F-stops provided as a general guide only.  *With ISO 100 film @ 1/8 sec.
For the pro on the go, the all-in-one Caselites offer your choice of daylight or tungsten color correction in a compact, easy to carry fluorescent package. The current popularity of fluorescent lights in film and video production is well deserved. They offer cool, soft and efficient light at several times the output of incandescent halogen sources. Unfortunately, they can also be too cumbersome and fragile to use on location, often requiring several cases to carry lights and accessories.

**FEATURES**
- 2 efficient models: 2 x 55W and 4 x 55W tube fixtures
- 120/230V operation
- Case lid holds spare tubes and/or stand, egg crate, mounting plate, stand tilt bracket, power cord and rain cover
- State of the art internal ballast means quicker set up time
- Efficient reflector & ballast allows maximum light output
- Daylight or Tungsten: uses 5300K or 3000K compact fluorescent lamps
- Individual lamp switches to control output intensity without risky dimming
- Quick release egg crate grid, mounted gel clips, dual purpose barndoor/intensifiers
- Rugged lightweight stackable case made of heavy duty ABS plastic
- Universal tilt bracket for easy stand mounting and versatile lamp positioning
- Ideal for TV news crews and documentary video production

**SPECIFICATIONS**

### CASELITE 2
- **Amperage:** 1.3 at 120V, .7 at 230V
- **Fits On:** 5/8˝ (1.59cm) stud
- **Materials:** High impact ABS and aluminum
- **Cable:** Removable 16 ft. (4.88m)
- **Weight:** Fixture alone: 5.3 lbs. (2.4kg)
  - Fixture w/Lamps, Egg Crate, Intensifiers, Plate & Stand: 10 lbs. (4.5kg)
  - Fixture w/above, plus lid and Gel-jawz: 14 lbs. (6.4kg)
- **Dimensions:** 23.8 x 8.4 x 7.7˝ (60.5x21.3x19.6cm)

### CASELITE 4
- **Amperage:** 2.5 at 120V, 1.3 at 230V
- **Fits On:** 5/8˝ (1.59cm) stud
- **Materials:** High impact ABS and aluminum
- **Cable:** Removable 16 ft. (4.88m)
- **Weight:** Fixture alone: 7.9 lbs. (3.6kg)
  - Fixture w/Lamps, Egg Crate, Intensifiers, Plate & Stand: 14.2 lbs. (6.4kg)
  - Fixture w/above, plus lid and Gel-jawz: 21 lbs. (9.5kg)
- **Dimensions:** 23.8 x 12.8 x 7.9˝ (60.5x32.5x20.1cm)

**LAMP SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bulb</th>
<th>Voltage</th>
<th>Watts</th>
<th>Life Hours</th>
<th>Color Temp</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>CF-55TU</td>
<td>Dulux L55W/32-930</td>
<td>55</td>
<td>10,000</td>
<td>3000°K</td>
<td>LOLTCL</td>
<td>24.95</td>
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<tr>
<td>CF55DA</td>
<td>Dulux L55W/12-950</td>
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<td>10,000</td>
<td>5300°K</td>
<td>LOLDLCL</td>
<td>24.95</td>
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**PHOTO METRICS FOR CASELITE 2**

**WITHOUT INTENSIFIERS**

<table>
<thead>
<tr>
<th>Beam Angle 75° Horizontal x 71° Vertical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance</td>
</tr>
<tr>
<td>5' (1.5m)</td>
</tr>
<tr>
<td>10' (3.0m)</td>
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</tbody>
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**WITH INTENSIFIERS AT 40°**

<table>
<thead>
<tr>
<th>Beam Angle 72° Horizontal x 52° Vertical</th>
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<tbody>
<tr>
<td>Distance</td>
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<tr>
<td>5' (1.5m)</td>
</tr>
<tr>
<td>10' (3.0m)</td>
</tr>
</tbody>
</table>

**PHOTO METRICS FOR CASELITE 4**

**WITHOUT INTENSIFIERS**

<table>
<thead>
<tr>
<th>Beam Angle 75° Horizontal x 71° Vertical</th>
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</thead>
<tbody>
<tr>
<td>Distance</td>
</tr>
<tr>
<td>5' (1.5m)</td>
</tr>
<tr>
<td>10' (3.0m)</td>
</tr>
</tbody>
</table>

**WITH INTENSIFIERS AT 40°**

<table>
<thead>
<tr>
<th>Beam Angle 69° Horizontal x 55° Vertical</th>
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<tbody>
<tr>
<td>Distance</td>
</tr>
<tr>
<td>5' (1.5m)</td>
</tr>
<tr>
<td>10' (3.0m)</td>
</tr>
</tbody>
</table>
The Caselites solve that problem by being compact, lightweight, rugged and completely self-contained, without sacrificing output or light quality. The all-in-one Caselite is both light & case combined. Pop the lid and there’s room inside for spare bulbs (or stand), stand fitting tilt-bracket & plate, plus power cord. Complete with an internal ballast, separate lamp switching, snap-on egg crate, and dual-purpose barn-door/intensifiers. The Caselites are designed to offer beautiful, soft easy to use fluorescents in a compact, location friendly system.

**SUPPLIED COMPONENTS**

- Storage lid for all the listed components plus Uni Sr. stand or lamps.
- Snap-on Egg Crate further controls light spill with loss of output.
- Dual purpose reversible Barn Door/Intensifiers can be used with black barn door side facing in to cut spill, or reflective intensifier side facing in to increase output. (approx. 50%).
- Lamp Fixture
- Mounting Plate attaches to back of fixture, allowing use of Stand-fitting Tilt-bracket or accessory Grip Head.
- Stand-fitting Tilt-bracket keeps Caselite’s center of gravity squarely over stand for best balance, while allowing maximum rotation & angling of fixture.
- Package of eight Gel-jaws clips, attach to barn-door leaves to hold gels.
- 16’ #18/3 switched AC power cable
- Less Lamps

**ACCESSORIES**

- Grip Head Mount (CF38)
  Attaches between fixture mounting plate and industry standard grip head to allow further mounting options.
  Item # LO GH MCL .......19.50
- 10’ Unswitched Cable (T180)
  f/portable stage lighting. “Hard service” cable.
  Item # LO C10CL ...........24.95
- Uni Sr. Stand (UN66)
  Design based on Uni & KS Jr. stands. Collapses smaller than KS Jr., fits into lid of either Caselite.
  Item # LO LS USR ............79.95
- 16’ Power Cable (T180)
  Switched AC.
  Item # LO C16CL ............24.95
- Barndoor/Intensifiers
- Lamp Fixture
- Mounting Plate
- Gel-jaws
- Storage Lid

**CASELITE KITS**

- Caselite2 Tungsten Kit (CF92TU)
  Kit includes: Complete Caselite2, Uni Sr. Stand, which fits into Caselite lid and two 55W Tungsten Lamps.
  Weight: 17.3 lbs. (7.9kg.)
  Item # LO CL2TK ............774.95
- Caselite2 Daylight Kit (CF92DA)
  Same as above only with two 55W Daylight Lamps.
  Item # LO CL2DLK ............774.95
- Caselite4 Tungsten Kit (CF94TU)
  Kit includes: Complete Caselite4, Uni Sr. Stand, which fits into Caselite lid and four 55W Tungsten Lamps.
  Weight: 24.3 lbs. (11kg.)
  Item # LO CL4TK .............1089.95
- Caselite4 Daylight Kit (CF94DA)
  Same as above only with four 55W Daylight Lamps.
  Item # LO CL4DLK .............1049.95
Lowel/Fluo-Tec presents a state of the art line of flicker-free studio fluorescent equipment for professional studio imaging and video-conferencing. 10 models, 5 dimmable & 5 nondimmable, housing from 2 - 8 compact 55w lamps, all with ETL/CSA approvals. Dimmable models have fully integrated DMX circuitry for remote dimming via console or the optional IR handheld remote control, or manual dimming via controls on the fixture. They also have 4 user storable dimming level memories and lamp-life monitor.

**STUDIO 850**

**Studio 850 ND** (FLS850ND)
8x55w (Non-Dim)
- Dimensions: 27.5x25.9x4.52” (70x65.8x11.32cm)
- Weight: 20.9 lbs. (9.5kg)
- Item # LOFT850 ..........1339.95

**Studio 850 DM** (FLS850DM)
8x55w (Dimmable)
- Dimensions: 27.5x25.9x4.52” (70x65.8x11.32cm)
- Weight: 20.9 lbs. (9.5kg)
- Item # LOFT850D .........1828.95

**ACCESSORIES**

**Barndoor** (FLS820)
Item # LOBDFT850 ..........229.95

**Intensifier** (FLS822)
Item # LOIFT850 ..........364.95

**Rigid Front Diffuser** (FLS826)
Item # LODOFT850F .......94.95

**Egg Crate** (FLS824)
Item # LOGFT850 ..........89.95

**PHOTO METRICS WITH OSRAM STUDIOLINE TUNGSTEN LAMPS**

**WITHOUT INTENSIFIER**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>3.7’ W x 3.8’ H</td>
<td>989</td>
<td>10,642</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>7.5’ W x 7.6’ H</td>
<td>244</td>
<td>2625</td>
</tr>
<tr>
<td>9’ (2.7m)</td>
<td>11.2’ W x 11.4’ H</td>
<td>109</td>
<td>1173</td>
</tr>
<tr>
<td>12’ (3.7m)</td>
<td>14.9’ W x 15.2’ H</td>
<td>63</td>
<td>678</td>
</tr>
</tbody>
</table>

**WITH INTENSIFIER**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>2.8’ W x 3.0’ H</td>
<td>1805</td>
<td>19,422</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>5.7’ W x 6.0’ H</td>
<td>446</td>
<td>4799</td>
</tr>
<tr>
<td>9’ (2.7m)</td>
<td>8.5’ W x 7.9’ H</td>
<td>199</td>
<td>2141</td>
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<tr>
<td>12’ (3.7m)</td>
<td>11.4’ W x 11.9’ H</td>
<td>115</td>
<td>1237</td>
</tr>
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</table>

**STUDIO 650**

**Studio 650 ND** (FLS650ND)
6x55w (Non-Dim)
- Dimensions: 27.5x20.8x4.52” (70x52.8x11.32cm)
- Weight: 18.1 lbs. (8.2kg)
- Item # LOFT650 ..........1243.50

**Studio 650 DM** (FLS650DM)
6x55w (Dimmable)
- Dimensions: 27.5x20.8x4.52” (70x52.8x11.32cm)
- Weight: 18.1 lbs. (8.2kg)
- Item # LOFT650D ..........1529.95

**ACCESSORIES**

**Barndoor** (FLS620)
Item # LOBDFT650 ...........184.95

**Intensifier** (FLS622)
Item # LOIFT650 ..........315.95

**Rigid Front Diffuser** (FLS626)
Item # LODOFT650 ..........99.95

**Egg Crate** (FLS624)
Item # LOGFT650 ..........99.95

**PHOTO METRICS WITH OSRAM STUDIOLINE TUNGSTEN LAMPS**

**WITHOUT INTENSIFIER**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>4.4’ W x 4.4’ H</td>
<td>801</td>
<td>8619</td>
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<tr>
<td>6’ (1.8m)</td>
<td>7.7’ W x 7.7’ H</td>
<td>198</td>
<td>2130</td>
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<tr>
<td>9’ (2.7m)</td>
<td>11.5’ W x 11.5’ H</td>
<td>88</td>
<td>947</td>
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<tr>
<td>12’ (3.7m)</td>
<td>15.2’ W x 15.2’ H</td>
<td>50</td>
<td>538</td>
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**WITH INTENSIFIER**

<table>
<thead>
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<th>Beam Diameter</th>
<th>Footcandles</th>
<th>Lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ (0.9m)</td>
<td>2.6’ W x 3.0’ H</td>
<td>1464</td>
<td>15,753</td>
</tr>
<tr>
<td>6’ (1.8m)</td>
<td>6.0’ W x 5.3’ H</td>
<td>362</td>
<td>3895</td>
</tr>
<tr>
<td>9’ (2.7m)</td>
<td>8.9’ W x 7.9’ H</td>
<td>161</td>
<td>1732</td>
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<tr>
<td>12’ (3.7m)</td>
<td>11.9’ W x 10.6’ H</td>
<td>90</td>
<td>968</td>
</tr>
</tbody>
</table>
Lamps are available in tungsten & daylight for film or video/digital.

The equipment is well made & dependable, and is backed by Lowel’s warranty & legendary reputation for service.

If you’re considering fluorescent, put the Lowel/Fluo-tec system in your plans for studio or conference room.

All lights come with Gel Frame, Safety Cable, Standard Clamp (optional 5/8” female stand fitting and Male Stud available), and detachable 10-ft. AC U-Ground Cable (Optional twist-lock and 3-Pin Theatrical cables available).

Daylight (5300k) or Tungsten (3000 k) lamps must be purchased separately.
Lowel/Fluo-Tec/Accessories

250CY SERIES

Studio 250cy ND (FLS250CYND) 4x55w (Non-Dim)
- Dimensions: 51.9x10.6x4.52” (131x26.9x11.32cm)
- Weight: 14.6 lbs. (6.6kg)
Item # LOFT250CY ..........1089.95

Studio 250cy DM (FLS250CYDM) 4x55w (Dimmable)
- Dimensions: 51.9x10.6x4.52” (131x26.9x11.32cm)
- Weight: 14.6 lbs. (6.6kg)
Item # LOFT250CYD .........1298.95

250CY SERIES

Phoemetrics with Osram StudioLine Tungsten Lamps

Without Intensifier

Distance | Beam Diameter | Footcandles | Lux
---|---|---|---
2’ (0.6m) | 4.1’ W x 3.7’ H | 520 | 5595
3’ (0.9m) | 8.3’ W x 7.4’ H | 129 | 1388
4’ (1.2m) | 12.4’ W x 11.0’ H | 57 | 613
5’ (1.5m) | 16.5’ W x 14.8’ H | 32 | 344

Accessories

Barndoor (FLS2520)
Item # LOBDFT250CY ..........195.95

Egg Crate (FLS2524)
Item # LOGFT250CY ..........83.50

Fluo-Tec Lamps

Dulux 55W CRI 90+ 3000°K Tungsten Lamp (CF55TU)
Item # LOLTCL .................24.95

Dulux 55W CRI 90+ 5300°K Daylight Lamp (CF55DA)
Item # LOLDLCL .................24.95

Osram 55W Studioline CRI 85 3200°K Tungsten Lamp (FLS55TU)
Item # LOLT .................29.95

Osram 55W Studioline CRI 85 5600°K Daylight Lamp (FLS55DA)
Item # LOLD .................29.95

DMX Extension Cables

10-Foot DMX Extension Cable (DMX010)
Item # LOECD10 ..........39.95

25-Foot DMX Extension Cable (DMX025)
Item # LOECD25 ..........54.95

50-Foot DMX Extension Cable (DMX050)
Item # LOECD50 ..........68.50

Fluo-Tec Grids

Each fixture has 2 options for using honeycomb grids to control the spill of the light, either placing the grid on the face of the fixture, or attaching it to the front of the intensifier. The grids are available in black and in 20°, 30° or 40° dispersion. Honeycomb grids cause some loss of light output. Consult the chart to determine the proper code for the chosen grid.

Dispersion | Grid Placement | Output Loss | 850 Series | 650 Series | 450 Series | 250 Series | 250Cy Series
---|---|---|---|---|---|---|---
Black 40° | Front of Fixture | 25% | FLS834 164.50 | FLS634 124.95 | FLS434 106.50 | FLS234 88.50 | FLS2534 112.95
Black 30° | Front of Fixture | 35% | FLS833 149.95 | FLS633 135.95 | FLS433 113.95 | FLS233 104.50 | FLS2533 138.50
Black 20° | Front of Fixture | 54% | FLS832 163.95 | FLS632 143.50 | FLS432 117.95 | FLS232 111.95 | FLS2532 124.95
Black 40° | Front of Intensifier | 30% | FLS844 179.95 | FLS644 151.95 | FLS444 149.50 | FLS244 109.95 | —
Black 30° | Front of Intensifier | 22% | FLS843 199.95 | FLS643 187.95 | FLS443 173.50 | FLS243 139.95 | —
Black 20° | Front of Intensifier | 46% | FLS842 254.95 | FLS642 207.95 | FLS442 176.95 | FLS242 142.95 | —

IR DMX Controller & Sensor

IR DMX Controller
Item # LOIRC ..............186.95
Sensor (FLS120)
Item # LOIRR .........29.50

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
LowelScandles Light

LowelScandles fixture with installed Universal Softbox speed ring, clear polycarbonate lamp shield, 16” AC cable with switch, 8 fluorescent lamps (12”, 24W 5500K daylight or 24W 3000K tungsten corrected).

Daylight (LSF10DA)
Item # LOSLD ..................829.95

Tungsten (LSF10TU)
Item # LOSLT ...................829.95

Same as above, but with Chimera-style softbox.

Daylight (LSF10DA)
Item # LOSLDC ................959.95

Tungsten (LSF10TU)
Item # LOSLTC ................959.95

Features:
- Versatile 200W tungsten/daylight fluorescent fixture
- 90+CRI lamps available in 5300 and 3000K
- High efficiency output: 50 lumen/Watt
- With supplied Collapsible Cone Reflector, produces soft light of a quantity and quality similar to a 200-400W HMI with a Chimera-style softbox.

Lamps:
- Uses 8 10,000 hr. 5300K or 3000K lamps

Amperage:
- 2.5 amps/120V AC

Input:
- Auto-setting dual-voltage (120/230 VAC, 50/60 Hz)

Specifications:
- Internal Ballast: Flicker-free high efficiency 39 kHz
- Weight: 7.2 lbs. (3.25kg)
- Dimensions: 18.5 x 7.1 x 7.1” (47 x 18 x 18cm)

Accessories:
- Collapsible Cone Reflector with Front Diffuser (LSF15)
  - Flexible snap on reflector and removable Softbox Diffuser - breaks down to store in light case.
  - Item # LOCCD ...............137.95

- Aluminum Cone Reflector (LSF17)
  - Non-collapsible cone reflector, accepts Lowel clip-on Fin-S adjustable barndoor for increased light control.
  - Dimensions: 12” x 14” dia. (30.5x35cm)
  - Item # LOCC ................129.95

- Small Scandles Case (LSF81)
  - Dimension: 23.8x13.5x10.8”
  - Weight: 8.9 lbs. (4.1kg)
  - Item # LOSSC ...............196.95

- One-Light Kit
  - 1- LowelScandles Light with either Daylight or Tungsten corrected lamps

- Two-Light Kit
  - 2- LowelScandles Light with either Daylight or Tungsten corrected lamps

Photometrics with 12” Lamps

<table>
<thead>
<tr>
<th>Distance</th>
<th>Footcandles</th>
<th>Lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>5” (1.5m)</td>
<td>133</td>
<td>1431</td>
</tr>
</tbody>
</table>

1 foot candle = 10.76 lux. F-stops provided as a general guide only. *With ISO 100 film @ 1/8 sec.
Adjustable Clamp 568
Avenger/Manfrotto 569-588
Crane 589
Delta 590-591
Giotto 592
Impact 593
Matthews Studio Equipment 594-613
PIC 614-615
QA Worldwide 568
Red Wing 616-617
C and Pony Clamp Set -
Set of 6 (91437)
This is a Pony and C-Clamp Set. It includes 2- 3-inch, and
2- 2-inch Pony clamps with plastic booted tips and han-
dles, and 2- 2-inch C-Clamps. These are considered standard
equipment in any photographer’s or videographer’s grip.
Pony clamps have a multitude of uses -- holding reflectors,
gobos, props, fabric, seamless paper rolls,...
The C-Clamps are for clamp-
ing together items with more pressure; they have a maxi-
mum load of 300 lbs.
Item # ADCCPK ..................15.95

Pony Spring Clamp - 3”
with Plastic Tips (3203HT)
This is the classic “A” clamp --strong, rust-resistant, durable.
This size is perfect for holding a 4 x 6 foamcore board, or secur-
ing a large roll of seamless paper to its crossbar. It features plastic end
tips to avoid marring deli-
cate finishes, and plastic handle
caps for comfort.
Item # ADCP3 ..................6.95

Pony Spring Clamp - 2”
with Plastic Tips (3202HT)
This is the classic “A” clamp --strong, rust-resistant, durable.
This size is perfect for holding a reflector board, or securing a roll of seamless paper to its
crossbar. It features plastic end tips to avoid marring deli-
cate finishes, and plastic handle caps for comfort.
Item # ADCP2 ..................3.99

Pony Spring Clamp - 1”
with Plastic Tips (3201HT)
This is the classic “A” clamp --strong, rust-resistant, durable.
This size is perfect for holding a reflector board, gathering cloth
crossbars, or securing a roll of seamless paper
to its crossbar. It features plastic end tips to avoid marring deli-
cate finishes, and plastic handle
caps for comfort.
Item # ADCP1 ..................2.95

Jorgensen Clamp Hanger 3100 - 8” (3108)
A place to store spring, or C-Clamps. Drilled holes permit mount-
ing to stud or wall. Mounting hardware not included.
Item # ADCH8 ..................3.95

Cable Clamp (CCM0803ZB004)
This innovative and easy-to-use cord management tool is intended to replace tape, nylon wraps,
and hook & loop products, such as Velcro®, when securing, bundling, or transporting cords, wires, and a vari-
ety of other items. Constructed with durable polymers and stainless steel, it offers the final solution to
sticky residues left from tape. Eliminates the deterioration of expensive and difficult-to-use hook and loop
fabrics, and of one use/one way locks found on disposable wire wrap products. The unique self-aligning,
self-adjusting, and self-locking features allows it to be easily and rapidly engaged with a gentle squeeze on
the jaws, and just as easily be removed with a slight lift of the specially designed trigger. Each Clamp has
up to ten adjustable settings and will not cause damage to sensitive systems since they cannot be over
cinched. Minimum opening: 1” (27 mm), Maximum opening: 2” (52 mm), Weight: 0.62 oz (17.7 g)
Item # QACC ..................5.95
AVENGER / MANFROTTO

“C” STANDS

The first choice when it comes to supporting flags and scrims, but equally at home supporting luminaires.

• Available in 20”, 40” and 60” stands, with heights up to 15’8” with loads up to 22 lbs.
• Fold away, spring loaded legs with unique fixing which are easy to replace • Deep inset plastic feet that do not come off in service
• High quality finish resists all weather conditions • Detachable base stand - also available as turtle base only
• Captive T-knobs and field serviceable.

<table>
<thead>
<tr>
<th>“C” STANDS</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>20˝ Mini Base “C” Stand (A280S)</td>
<td>AVA280S</td>
<td>106.95</td>
</tr>
<tr>
<td>20˝ “C” Stand (A255S)</td>
<td>AVA255S</td>
<td>109.95</td>
</tr>
<tr>
<td>40˝ “C” Stand (A205S)</td>
<td>AVA205S</td>
<td>109.95</td>
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<tr>
<td>40˝ “C” Stand (A208S)</td>
<td>AVA208S</td>
<td>119.95</td>
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<tr>
<td>60˝ “C” Stand (A205S)</td>
<td>AVA208S</td>
<td>119.95</td>
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<table>
<thead>
<tr>
<th>SLIDING LEGS “C” STANDS</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>20˝ Sliding Legs “C” Stand (A256S)</td>
<td>AVA256S</td>
<td>117.50</td>
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<tr>
<td>40˝ Sliding Legs “C” Stand (A215S)</td>
<td>AVA215S</td>
<td>114.95</td>
</tr>
<tr>
<td>60˝ Sliding Legs “C” Stand (A218S)</td>
<td>AVA218S</td>
<td>129.95</td>
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<table>
<thead>
<tr>
<th>DETACHABLE “C” STANDS</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>20˝ Detachable Base “C” Stand (A257S)</td>
<td>AVA257S</td>
<td>126.95</td>
</tr>
<tr>
<td>40˝ Detachable Base “C” Stand (A225S)</td>
<td>AVA225S</td>
<td>129.95</td>
</tr>
<tr>
<td>60˝ Detachable Base “C” Stand (A228S)</td>
<td>AVA228S</td>
<td>139.95</td>
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<table>
<thead>
<tr>
<th>“C” STANDS SPECIFICATIONS</th>
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<tbody>
<tr>
<td>20˝ Mini Base “C” Stand - A280S</td>
<td>29˝ (74cm)</td>
<td>9.9 lbs. (4.5kg)</td>
<td>33˝ (84cm)</td>
<td>5’9” (1.8m)</td>
</tr>
<tr>
<td>20˝ “C” Stand - A255S</td>
<td>37˝ (94cm)</td>
<td>10.5 lbs. (4.8kg)</td>
<td>33˝ (84cm)</td>
<td>5’9” (1.8m)</td>
</tr>
<tr>
<td>40˝ “C” Stand - A205S</td>
<td>37˝ (94cm)</td>
<td>14 lbs. (6.4kg)</td>
<td>53˝ (135cm)</td>
<td>10’9” (3.3m)</td>
</tr>
<tr>
<td>60˝ “C” Stand - A208S</td>
<td>37˝ (94cm)</td>
<td>15 lbs. (6.8kg)</td>
<td>73˝ (185cm)</td>
<td>15’8” (4.8m)</td>
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</table>

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<thead>
<tr>
<th>SLIDING LEGS “C” STANDS SPECIFICATIONS</th>
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<tbody>
<tr>
<td>20˝ “C” Stand - A256S</td>
<td>37˝ (94cm)</td>
<td>10.5 lbs. (4.8kg)</td>
<td>33˝ (84cm)</td>
<td>5’9” (1.8m)</td>
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<tr>
<td>40˝ “C” Stand - A215S</td>
<td>37˝ (94cm)</td>
<td>14 lbs. (6.4kg)</td>
<td>53˝ (135cm)</td>
<td>10’9” (3.3m)</td>
</tr>
<tr>
<td>60˝ “C” Stand - A218S</td>
<td>37˝ (94cm)</td>
<td>15 lbs. (6.8kg)</td>
<td>73˝ (185cm)</td>
<td>15’8” (4.8m)</td>
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</table>

<table>
<thead>
<tr>
<th>DETACHABLE BASE “C” STANDS SPECIFICATIONS</th>
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<tbody>
<tr>
<td>20˝ “C” Stand - A257S</td>
<td>37˝ (94cm)</td>
<td>13.2 lbs. (6kg)</td>
<td>33˝ (84cm)</td>
<td>4’10” (1.4m)</td>
</tr>
<tr>
<td>40˝ “C” Stand - A225S</td>
<td>37˝ (94cm)</td>
<td>15.4 lbs. (7kg)</td>
<td>53˝ (135cm)</td>
<td>9’10” (2.9m)</td>
</tr>
<tr>
<td>60˝ “C” Stand - A228S</td>
<td>37˝ (94cm)</td>
<td>16.7 lbs. (7.6kg)</td>
<td>73˝ (185cm)</td>
<td>14’9” (4.5m)</td>
</tr>
</tbody>
</table>
**AVENGER/ MANFROTTO**

**“C” STANDS ACCESSORIES**

Accessories for “C” stands are fully compatible with existing equipment • Grip heads with non-slip grip pads lock off securely to give precision control • Extensions arms for extra lift or reach • Flex arms for precise positioning.

---

**TURTLE BASES**

- **Mini Turtle Base (A268)**
  - Height: 6” (15.2cm)
  - Weight: 5.9 lbs. (2.7kg.)
  - Item # AVA268 .............. .59.95

- **Turtle Base (A265)**
  - Height: 6” (15.2cm)
  - Weight: 6.6 lbs. (3kg.)
  - Item # AVA265 .............. 69.95

---

**DOUBLE RISER COLUMNS**

- **20” Double Riser Column (A275S)**
  - Minimum Height: 27” (69cm)
  - Maximum Height: 5’3” (160cm)
  - Weight: 6.6 lbs. (3kg.)
  - Item # AVA275S .............. 69.95

- **40” Double Riser Column (A270S)**
  - Minimum Height: 46” (117cm)
  - Maximum Height: 9’4” (284cm)
  - Weight: 8.8 lbs. (4kg.)
  - Item # AVA270S .............. 74.95

- **60” Double Riser Column (A278S)**
  - Minimum Height: 66” (94cm)
  - Maximum Height: 14’4” (437cm)
  - Weight: 10 lbs. (4.5kg.)
  - Item # AVA278S .............. 79.95

---

**Double Griphead (D100)**
- Item # AVD100 .............. 29.95

- 2½” Griphead (D200)
- Item # AVD200 .............. 19.95

- Snap-in Griphead (D210)
- Item # AVD210 .............. 26.95

- Grip Helper (D220)
- Item # AVD220 .............. 49.95

- Super Clamp Griphead (D230)
- Item # AVD230 .............. 42.95

- Griphead with Swivel Pin (D240)
- Item # AVD240 .............. 46.95

- Gag Gobo (D250)
- Item # AVD250 .............. 19.95

- Add a Head (D260)
- Item # AVD260 .............. 29.95

- Mini-Flex Arm (D310)
- Item # AVD310 .............. 9.50

- Maxi-Flex Arm (D315)
- Item # AVD315 .............. 13.95

- 4½” Jumbo Griphead (D400)
- Item # AVD400 .............. 44.95

- Jumbo Add a Head (D410)
- Item # AVD410 .............. 32.95

- Jumbo Gag Gobo (D420)
- Item # AVD420 .............. 34.95

- Jumbo Grip Helper (D430)
- Item # AVD430 .............. 46.95

- 20” Extension Grip Arm (D500)
- Item # AVD500 .............. 28.95

- 40” Extension Grip Arm (D520)
- Item # AVD520 .............. 26.95

- Fun Grip Arm (D550)
- Item # AVD550 .............. 54.95

- “C” Stand Kit (A225SKIT)
  Kit includes:
  1- A225S 40” C Stand
  1- D200 2½” Grip Head
  1- D520 40” Extension Arm.
  - Item # AVA225SK .......... 156.95

- Grip Kit (D800KIT)
  Kit includes:
  1- D200B Black Grip Head
  1- E600 Snap-in 5/8” Pin
  1- D520B Black 40” Ext. Arm
  1- C1575B Black Super Clamp
  1- H4BAG Grip Kit Bag.
  - Item # AVD800KIT .......... 74.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
SAFE CRANK/ STRATO SAFE STANDS

STRATO SAFE STANDS

Strato Safe Super Crank stands meets the industry’s requirements for extra safe operation with heavy loads.
- Easy to raise and lower up to 154 lbs. with a ratchet crank handle
- Double safety with direct drive gear mechanism and secondary safety lock, no pulleys or cables
- High extension versions can replace lighting or speaker towers
- Braked wheels that self-adjust to required position
- Standard hard wheels, optional pneumatic wheels.

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strato Safe 5-Section Super Crank Stand (Braked Wheels) (B150)</td>
<td>AVB150</td>
<td>2079.95</td>
</tr>
<tr>
<td>Strato Safe 5-Section Super Crank Stand (Pneumatic Wheels) (B150PS)</td>
<td>AVB150PS</td>
<td>2449.95</td>
</tr>
<tr>
<td>Safe Crank Stand with Smart Tracking Wheels (B300P)</td>
<td>AVB300P</td>
<td>2419.95</td>
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<tr>
<td>Pneumatic Wheels (B9000PS)</td>
<td>AVB9000PS</td>
<td>589.95</td>
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table
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<thead>
<tr>
<th>Strato Safe 5-Section Stand</th>
<th>B150</th>
<th>Footprint (85” (216cm))</th>
<th>Weight (160 lbs. (72.5kg))</th>
<th>Minimum Height (75’ (191cm))</th>
<th>Maximum Height (20’ 4” (6.2m))</th>
<th>Load Capacity (154 lbs (70kg))</th>
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<tbody>
<tr>
<td>Strato Safe 5-Section Stand</td>
<td>B300P</td>
<td>Footprint (78” (198cm))</td>
<td>Weight (145 lbs. (66kg))</td>
<td>Minimum Height (60” (152cm))</td>
<td>Maximum Height (11’ 11” (3.6m))</td>
<td>Load Capacity (200 lbs (91kg))</td>
</tr>
<tr>
<td>Strato Safe 3-Section Stand</td>
<td>B105S</td>
<td>Footprint (55” (140cm))</td>
<td>Weight (90.4 lbs. (41kg))</td>
<td>Minimum Height (60” (152cm))</td>
<td>Maximum Height (11’ 4” (3.5m))</td>
<td>Load Capacity (154.4 lbs (70kg))</td>
</tr>
<tr>
<td>Short Base 2-Section Stand</td>
<td>B105</td>
<td>Footprint (55” (140cm))</td>
<td>Weight (66.2 lbs. (30kg))</td>
<td>Minimum Height (38” (96.5cm))</td>
<td>Maximum Height (5’ 5” (1.7m))</td>
<td>Load Capacity (220.5 lbs (100kg))</td>
</tr>
<tr>
<td>Flat Jumper Strato Safe Stand</td>
<td>B140XL</td>
<td>Footprint (71” (180cm))</td>
<td>Weight (132 lbs. (60kg))</td>
<td>Minimum Height (61” (155cm))</td>
<td>Maximum Height (14’ (4.3m))</td>
<td>Load Capacity (154.4 lbs (70kg))</td>
</tr>
</tbody>
</table>

ALU-BASE STRATO SAFE STANDS

- Similar specifications to steel version, but with smaller diameter lightweight aluminum base and restricted to two or three sections which gives a convenient luminaire loading height for heavy loads
- Standard hard wheels, optional pneumatic wheels.

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Base 2-Section Super Crank Stand (Braked Wheels) (B105)</td>
<td>AVB105</td>
<td>829.95</td>
</tr>
<tr>
<td>Flat Jumper Strato Safe Stand (Braked Wheels) (B140XL)</td>
<td>AVB140XL</td>
<td>1719.95</td>
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</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strato Safe 5-Section Stand - B150</td>
<td>85” (216cm)</td>
<td>160 lbs. (72.5kg)</td>
<td>75’ (191cm)</td>
<td>20’ 4” (6.2m)</td>
<td>154 lbs (70kg)</td>
</tr>
<tr>
<td>Strato Safe 5-Section Stand - B300P</td>
<td>78” (198cm)</td>
<td>145 lbs. (66kg)</td>
<td>60” (152cm)</td>
<td>11’ 11” (3.6m)</td>
<td>200 lbs (91kg)</td>
</tr>
<tr>
<td>Short Base 2-Section Stand - B105</td>
<td>55” (140cm)</td>
<td>66.2 lbs. (30kg)</td>
<td>38” (96.5cm)</td>
<td>5’ 5” (1.7m)</td>
<td>220.5 lbs (100kg)</td>
</tr>
<tr>
<td>Short Base 3-Section Stand - B100S</td>
<td>55” (140cm)</td>
<td>90.4 lbs. (41kg)</td>
<td>60” (152cm)</td>
<td>11’ 4” (3.5m)</td>
<td>154.4 lbs (70kg)</td>
</tr>
<tr>
<td>Flat Jumper Strato Safe Stand - B140XL</td>
<td>71” (180cm)</td>
<td>132 lbs. (60kg)</td>
<td>61” (155cm)</td>
<td>14’ (4.3m)</td>
<td>154.4 lbs (70kg)</td>
</tr>
</tbody>
</table>
AVENGER/MANFROTTO
WIND-UP & OVERHEAD STANDS

WIND-UP STANDS

- Chrome steel double risers which extend simultaneously
- Fold away crank handle
- Safety cable fitted internally ensures simultaneous lowering of both risers
- Lazy leg for easy positioning and stability
- Supplied with braked wheels.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVB205</td>
<td>2-Section High Wind-Up Stand with Braked Wheels</td>
<td>60” (152cm)</td>
<td>41.9 lbs. (19kg)</td>
<td>60” (152cm)</td>
<td>8’ 6” (2.6m)</td>
<td>99.2 lbs. (45kg)</td>
</tr>
<tr>
<td>AVB201</td>
<td>3-Section High Wind-Up Stand with Braked Wheels</td>
<td>50” (127cm)</td>
<td>47.2 lbs. (21kg)</td>
<td>66” (167cm)</td>
<td>12’ 5” (3.8m)</td>
<td>66.2 lbs. (30kg)</td>
</tr>
<tr>
<td>AVB250X</td>
<td>Super Wind-Up Stand</td>
<td>63” (160cm)</td>
<td>85.8 lbs. (39kg)</td>
<td>68” (173cm)</td>
<td>12’ 5” (3.8m)</td>
<td>176 lbs. (80kg)</td>
</tr>
</tbody>
</table>

OVERHEAD STANDS

Support your “butterfly” material in a stable position
- Wide base for sure footed stability at maximum heights
- Legs may be partially open for working in tight environments
- Support 400 square feet of butterfly at 16 to 19 feet high
- Roller versions fitted with efficient braked wheels
- Each stand has a multi-function head with 4½” grip head and 1½” socket.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVA300</td>
<td>High Overhead Roller Stand with Braked Wheels</td>
<td>61” (155cm)</td>
<td>41.9 lbs. (18.5kg)</td>
<td>73” (185cm)</td>
<td>19’ 7” (6.0m)</td>
<td>88.2 lbs. (40kg)</td>
</tr>
<tr>
<td>AVA302</td>
<td>High Overhead Stand without Wheels</td>
<td>51” (129.5cm)</td>
<td>30.8 lbs. (14kg)</td>
<td>70” (178cm)</td>
<td>19’ 3” (5.9m)</td>
<td>88.2 lbs. (40kg)</td>
</tr>
<tr>
<td>AVA310</td>
<td>Medium Overhead Roller Stand with Braked Wheels</td>
<td>61” (155cm)</td>
<td>35 lbs. (15.9kg)</td>
<td>60” (152cm)</td>
<td>14’ 2” (4.3m)</td>
<td>88.2 lbs. (40kg)</td>
</tr>
<tr>
<td>AVA320</td>
<td>Wide Base Overhead Stand</td>
<td>78” (198cm)</td>
<td>37 lbs. (16.8kg)</td>
<td>78” (198cm)</td>
<td>18’ 3” (5.6m)</td>
<td>88.2 lbs. (40kg)</td>
</tr>
<tr>
<td>AVA330</td>
<td>Super High Overhead Stand</td>
<td>78” (198cm)</td>
<td>46.3 lbs. (21kg)</td>
<td>94” (239cm)</td>
<td>26’ 5” (8.1m)</td>
<td>66.2 lbs. (30kg)</td>
</tr>
</tbody>
</table>
COMBO STANDS

The workhorse of the industry for trouble free service on location and in the studio • Equally suitable for supporting reflectors or luminaires • Choice of black anodized aluminum or chrome steel construction • Universal head with “pop-up” 5/8” spigot and 1¾” socket • Optional braked wheels interchangeable with Junior rollers and Overhead stands (A9000) • Captive lock offs thread into rust free steel inserts • All versions have a lazy leg for easy positioning and stability.

Low Combo Stand (A120) Item # AVA120 ................. 159.95
Combo Stand (A110) Item # AVA110 ................. 179.95
High Combo Stand (A100) Item # AVA100 ................. 199.95
Cine Combo Stand (A650) Item # AVA650 ................. 136.95

Braked Wheels (A9000)
Set of 3 wheels for square legs.
Item # AVA9000Q ................. 94.95
Braked Wheels (A9000B)
Set of 3 wheels for square legs, in black.
Item # AVA9000B ................. 89.95
Braked Wheels (110G)
Set of 3 wheels for round legs.
Item # AV110G ................. 79.95

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Combo with Lazy Leg - A120</td>
<td>32” (81cm)</td>
<td>17.1 lbs. (7.7kg)</td>
<td>40” (102cm)</td>
<td>6’ 6” (2.0m)</td>
</tr>
<tr>
<td>Combo with Lazy Leg - A110</td>
<td>53” (135cm)</td>
<td>24.2 lbs. (11kg)</td>
<td>62” (157cm)</td>
<td>10’ 8” (3.3m)</td>
</tr>
<tr>
<td>High Combo with Lazy Leg - A100</td>
<td>53” (135cm)</td>
<td>26.8 lbs. (12.1kg)</td>
<td>66” (167cm)</td>
<td>13’ 5” (4m)</td>
</tr>
<tr>
<td>Cine Combo with Lazy Leg - A650</td>
<td>47” (119cm)</td>
<td>16.5 lbs. (7.5kg)</td>
<td>46” (117cm)</td>
<td>7’ 3” (2.2m)</td>
</tr>
</tbody>
</table>

SPECIAL APPLICATION STANDS

For follow-spots, large light banks, specialty flash heads and microphones in high or low applications, with universal mounts and lazy leg for uneven surfaces.

<table>
<thead>
<tr>
<th>Tall Cine Stand (3072)</th>
<th>Super Stand (3079)</th>
<th>Follow Spot Stand (070U)</th>
<th>Column Stand (3381)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chrome plated steel finish.</td>
<td>Silver finish.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item # BO3072 .......... 159.95</td>
<td>Item # BO3079 .......... 214.95</td>
<td>Item # BO070U ........... 184.50</td>
<td>Item # BO3381 .......... 189.95</td>
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SPECIFICATIONS

<table>
<thead>
<tr>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Cine Stand - 3072</td>
<td>40” (102cm)</td>
<td>20 lbs. (9kg)</td>
<td>58” (147cm)</td>
<td>12’ 6” (3.8m)</td>
</tr>
<tr>
<td>Super Stand - 3079</td>
<td>68” (172cm)</td>
<td>18 lbs. (8.2kg)</td>
<td>56” (142cm)</td>
<td>14’ (4.3m)</td>
</tr>
<tr>
<td>Follow Spot Stand - 070U</td>
<td>43” (109cm)</td>
<td>15 lbs. (6.8kg)</td>
<td>42” (107cm)</td>
<td>4’ 10” (1.5m)</td>
</tr>
<tr>
<td>Column Stand - 231</td>
<td>40” (102cm)</td>
<td>18 lbs. (8.2kg)</td>
<td>48” (122cm)</td>
<td>8’ 2” (2.5m)</td>
</tr>
</tbody>
</table>
STACKER STANDS

A patented new leg design allows the Manfrotto Stacker stands to fold flat, stack and clip together for much easier, much more efficient storage and greater portability... crosstown, cross country or simply across the studio floor. Seven stackers fit in the space of four conventional stands. They are available in silver or black anodized lightweight aluminum. Has a top-mounting 5/8” stud with 1/4”-20 male thread, and a threaded hole for the 3044 carry strap.

7’ Stacker Stand (3320)
Silver finish.
Item # BO3320 .....................66.95

8’ Stacker Stand (3321)
Silver finish.
Item # BO3321 .....................63.95

13’ Stacker Stand (3322)
Silver finish.
Item # BO3322 .....................86.95

7’ Stacker Stand (3320B)
Black anodized finish.
Item # BO3320B ....................71.95

8’ Stacker Stand (3321B)
Black anodized finish.
Item # BO3321B ....................71.95

13’ Stacker Stand (3322B)
Black anodized finish.
Item # BO3322B ....................96.95

7’ Stacker Stand (3-Pack) (3320B3)
Black anodized finish.
Item # BO3320B3 .................204.95

8’ Stacker Stand (3-Pack) (3321B3)
Black anodized finish.
Item # BO3321B3 .................205.95

13’ Stacker Stand (3-Pack) (3322B3)
Black anodized finish.
Item # BO3322B3 .................284.95

BASIC LIGHT STANDS

The basic series of light stands feature impact resistant ABS plastic locking collars and castings, and aluminum risers and leg braces. Available in 6, 9, or 11’ versions.

6’ Basic Light Stand (3330) : 9’ Basic Light Stand (3333) : 11’ Basic Light Stand (3336)
Item # BO3330 .....................42.95 : Item # BO3333 .....................46.95 : Item # BO3336 .....................56.95

<table>
<thead>
<tr>
<th>Spec &amp; Dimensions</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7’ Stacker Stand - 3320</td>
<td>31.1” (79cm)</td>
<td>2.4 lbs. (1.1kg)</td>
<td>26” (66cm)</td>
<td>7’1” (2.4m)</td>
<td>8.8 lbs. (4kg)</td>
</tr>
<tr>
<td>8’ Stacker Stand - 3321</td>
<td>42.5” (108cm)</td>
<td>2.8 lbs. (1.3kg)</td>
<td>35” (89cm)</td>
<td>8’2” (2.5m)</td>
<td>11 lbs. (5kg)</td>
</tr>
<tr>
<td>13’ Stacker Stand - 3322</td>
<td>42.1” (107cm)</td>
<td>5 lbs. (2.3kg)</td>
<td>44” (112cm)</td>
<td>12’7” (3.8m)</td>
<td>19.8 lbs. (9kg)</td>
</tr>
<tr>
<td>6’ Basic Light Stand - 3330</td>
<td>37” (94cm)</td>
<td>2 lbs. (0.9kg)</td>
<td>33” (84cm)</td>
<td>6’2” (1.8m)</td>
<td>11 lbs. (5kg)</td>
</tr>
<tr>
<td>9’ Basic Light Stand - 3333</td>
<td>42” (107cm)</td>
<td>3 lbs. (1.4kg)</td>
<td>39” (99cm)</td>
<td>9’4” (2.9m)</td>
<td>11 lbs. (5kg)</td>
</tr>
<tr>
<td>11’ Basic Light Stand - 3336</td>
<td>43” (107cm)</td>
<td>4 lbs. (1.8kg)</td>
<td>47” (119cm)</td>
<td>11’4” (3.5m)</td>
<td>11 lbs. (5kg)</td>
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</tbody>
</table>
BABY ROLLER STANDS

- These are smooth running studio performers, all with low profile bases that slip easily into position on set.
- Baby versions available with 5/8˝ pin and juniors with universal head, 5/8˝ “pop-up” pin and 1½˝ socket.
- All stands are supplied with free running wheels and positive brakes.

<table>
<thead>
<tr>
<th>Base with Universal Head - Large (297BBASE)</th>
<th>Item # AV297BBASE</th>
<th>........................... 109.95</th>
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<tbody>
<tr>
<td>Base with Universal Head - Small (299BBASE)</td>
<td>Item # AV299BBASE</td>
<td>........................... 119.95</td>
</tr>
<tr>
<td>Baby Folding Base Studio Stand (A660)</td>
<td>Item # AVA660</td>
<td>.................................. 139.95</td>
</tr>
<tr>
<td>Baby Roller Stand (A420)</td>
<td>Item # AVA420</td>
<td>.................................. 169.95</td>
</tr>
<tr>
<td>Baby Folding Base Studio Stand (A665)</td>
<td>Item # AVA665</td>
<td>.................................. 139.95</td>
</tr>
<tr>
<td>High Baby Folding Base Studio Stand (A665)</td>
<td>Item # AVA665</td>
<td>.................................. 139.95</td>
</tr>
<tr>
<td>High Baby Roller Stand (A430)</td>
<td>Item # AVA430</td>
<td>.................................. 189.95</td>
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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base w/ Universal Head, Large - 297BBASE</td>
<td>39˝ (100cm)</td>
<td>12.8 lbs. (5.8kg)</td>
<td>13.8˝ (35cm)</td>
<td>13.8˝ (35cm)</td>
</tr>
<tr>
<td>Base w/ Universal Head, Small - 299BBASE</td>
<td>30˝ (75cm)</td>
<td>11 lbs. (5kg)</td>
<td>13.8˝ (35cm)</td>
<td>13.8˝ (35cm)</td>
</tr>
<tr>
<td>Baby Folding Base Stand - A660</td>
<td>29˝ (74cm)</td>
<td>13.2 lbs. (6kg)</td>
<td>42˝ (107cm)</td>
<td>8’2˝ (2.5m)</td>
</tr>
<tr>
<td>High Baby Folding Base Stand - A665</td>
<td>29˝ (74cm)</td>
<td>13.8 lbs. (6.3kg)</td>
<td>45˝ (114cm)</td>
<td>10’10˝ (3.1m)</td>
</tr>
<tr>
<td>Baby Roller Stand - A420</td>
<td>42˝ (107cm)</td>
<td>14 lbs. (6.4kg)</td>
<td>48˝ (122cm)</td>
<td>9’10˝ (2.8m)</td>
</tr>
<tr>
<td>High Baby Roller Stand - A430</td>
<td>42˝ (107cm)</td>
<td>14 lbs. (6.4kg)</td>
<td>54˝ (137cm)</td>
<td>14’1˝ (4.3m)</td>
</tr>
</tbody>
</table>

**JUNIOR ROLLER STANDS**

| Lowboy Junior Folding Base Studio Stand (A680) | Item # AVA680 | .................................. 149.95 |
| High Junior Folding Base Studio Stand (A690) | Item # AVA690 | .................................. 219.95 |
| Junior Roller Stand (A510)                    | Item # AVA510 | .................................. 259.95 |
| High Junior Roller Stand (A500)               | Item # AVA500 | .................................. 284.95 |

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lowboy Junior Folding Base - A680</td>
<td>29˝ (74cm)</td>
<td>17.6 lbs. (8kg)</td>
<td>31˝ (79cm)</td>
<td>4’ (1.2m)</td>
</tr>
<tr>
<td>High Junior Folding Base - A690</td>
<td>39˝ (74cm)</td>
<td>23.6 lbs. (10.7kg)</td>
<td>51˝ (129.5cm)</td>
<td>11’2˝ (3.4m)</td>
</tr>
<tr>
<td>Junior Roller Stand - A510</td>
<td>51˝ (130cm)</td>
<td>29.9 lbs. (13.6kg)</td>
<td>52˝ (132cm)</td>
<td>11’10˝ (3.4m)</td>
</tr>
<tr>
<td>High Junior Roller Stand - A500</td>
<td>51˝ (130cm)</td>
<td>33.8 lbs. (15.3kg)</td>
<td>55˝ (145cm)</td>
<td>14’ (4.3m)</td>
</tr>
</tbody>
</table>
BABY ALUMINUM KIT STANDS

| Back-Lite Stand, Black (3095)                      | Item # BO3095  | 19.95 |
| Pole for Back-Lite Stand (3104) Adjustable from 21” to 33” | Item # BO3104  | 23.95 |
| Back-Lite Stand with Pole (3095KT)                | Item # BO3095K | 38.95 |
| 4’ Mini Kit Stand (3350)                          | Item # BO3350  | 49.95 |
| 6’ Five-Section Stand with Retractable Legs (3353) | Item # BO3353  | 48.95 |
| 6’ Bantam Stand, Black (3375)                     | Item # BO3089B | 51.95 |
| 6’ Five-Section Stand with Retractable Legs, Black (3373) | Item # BO3353B | 53.95 |
| 7½’ Pro Stand, Black (3372)                       | Item # BO3097B | 57.95 |
| 8’ Compact Stand with 1/4-20 Stud (3086)           | Item # BO3086  | 51.95 |
| 8’ Compact Stand with 1/4-20 Stud, Black (3361)    | Item # BO3086B | 59.95 |
| 8’ Quick Lock Stand, Black (3361QL)               | Item # BO3086BQL | 71.95 |
| 7½’ Lightweight Pro Stand (3097)                   | Item # BO3097  | 51.95 |
| 11’ Quick Lock Stand, Black (3364QL)              | Item # BO3078BQL | 89.95 |
| 13’ Master Stand (3082)                           | Item # BO3082  | 99.95 |
| 13’ Master Stand, Black (3364)                    | Item # BO3078B | 89.95 |
| 13’ Master Stand (3078)                           | Item # BO3078  | 79.95 |
| 13’ Master Stand, Black (3364)                    | Item # BO3078B | 116.95|

Footprint Weight Minimum Height Maximum Height Load Capacity

| Back Lite Base - 3095                          | 24” (61cm)  | 3 lbs. (1.4kg) | —        | 3.5” (9.1cm) | 6.5 lbs. (2.9kg) |
| 4’ Mini Kit - 3350                             | 18” (46cm)  | 1 lb. 4 oz. (0.6kg) | 15” (40cm) | 4” (1.2m) | 3 lbs. (1.4kg) |
| 6’ Five-Section Stand - 3353                    | 39” (99cm)  | 2 lbs. (0.9kg) | 19” (48cm) | 6’3” (1.9m) | 3 lbs. 5 oz. (1.5kg) |
| 7’ Lightweight Pro Stand - 3097                 | 37” (94cm)  | 2 lbs. (0.9kg) | 26” (67.5cm) | 7’6” (2.3m) | 4 lbs. 6 oz. (2.1kg) |
| 8’ Compact Stand - 3086                         | 43” (115cm) | 2.5 lbs. (1.1kg) | 36” (91cm) | 8” (2.4m) | 11 lbs. (5kg) |
| 13’ Master Stand - 3082                         | 43” (109cm) | 5 lbs. (2.3kg) | 43” (109cm) | 13’ (4.0m) | 20 lbs (9.1kg) |
AVENGER/MANFROTTO

KIT AND HEAVY DUTY STANDS

**ALU-BABY KIT STANDS**

- These versatile, hardworking lightweight stands are quick to erect and very stable • Maximum loads from 5 lbs. up to 20 lbs • Black anodized finish • Total versatility for all kit combinations.

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini Backlight Stand - 003M</td>
<td>BO003M</td>
<td>$19.50</td>
</tr>
<tr>
<td>Mini Kit Stand - A615B</td>
<td>AVA615B</td>
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<tr>
<td>Midi-Max Kit Stand - A630B</td>
<td>A630B</td>
<td>$79.95</td>
</tr>
<tr>
<td>Backlight Stand - 3095KIT</td>
<td>BO3095KIT</td>
<td>$38.95</td>
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<tr>
<td>Midi Kit Stand - A625B</td>
<td>AVA625B</td>
<td>$59.95</td>
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<tr>
<td>Maxi Kit Stand - A635B</td>
<td>AVA635B</td>
<td>$79.95</td>
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<tr>
<td>Mini Backlight Stand - 003M</td>
<td>15” (38cm)</td>
<td>1.1 lbs. (0.52kg)</td>
<td>3.7” (9.5cm)</td>
<td>3.7” (9.5cm)</td>
<td>33 lbs. (15kg)</td>
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<tr>
<td>Backlight Stand - 3095KIT</td>
<td>24” (61cm)</td>
<td>2.8 lbs. (1.3kg)</td>
<td>3” (9.1cm)</td>
<td>2’9” (0.8m)</td>
<td>7 lbs. (3.2kg)</td>
</tr>
<tr>
<td>Mini Kit Stand - A615B</td>
<td>18” (46cm)</td>
<td>2.0 lbs. (1.0kg)</td>
<td>16” (41cm)</td>
<td>3’11” (1.2m)</td>
<td>5 lbs. (2.3kg)</td>
</tr>
<tr>
<td>Midi Kit Stand - A625B</td>
<td>37” (94cm)</td>
<td>2.4 lbs. (1.1kg)</td>
<td>27” (68cm)</td>
<td>7’10” (2.4m)</td>
<td>9 lbs. (4.1kg)</td>
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<tr>
<td>Mini-Max Kit Stand - A630B</td>
<td>38” (96cm)</td>
<td>4.9 lbs. (2.2kg)</td>
<td>36” (91cm)</td>
<td>10’8” (3.3m)</td>
<td>20 lbs. (9.1kg)</td>
</tr>
<tr>
<td>Maxi Kit Stand - A635B</td>
<td>43” (109cm)</td>
<td>6.6 lbs. (2.2kg)</td>
<td>43” (109cm)</td>
<td>12’8” (3.9m)</td>
<td>20 lbs. (9.1kg)</td>
</tr>
</tbody>
</table>

**BABY HEAVY DUTY STANDS**

These are durable companions to the Alu-Baby Kit range • Good for location work (with lazy leg) and studio use • Robust bolted construction • Finished in black or silver anodized surface.

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alu-Baby with Lazy Leg, Black - A400B</td>
<td>AVA400B</td>
<td>$139.95</td>
</tr>
<tr>
<td>High Alu-Baby with Lazy Leg, Black - A410B</td>
<td>AVA410B</td>
<td>$156.95</td>
</tr>
<tr>
<td>Mighty Baby Stand, Chrome Steel - A450</td>
<td>AVA450</td>
<td>$94.95</td>
</tr>
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<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alu-Baby w/ Lazy Leg - A400B</td>
<td>51” (129cm)</td>
<td>7.7 lbs. (3.5kg)</td>
<td>44” (118cm)</td>
<td>8’10” (2.5m)</td>
<td>22 lbs. (10kg)</td>
</tr>
<tr>
<td>High Alu-Baby w/ Lazy Leg - A410B</td>
<td>51” (129cm)</td>
<td>8.8 lbs. (4kg)</td>
<td>52” (132cm)</td>
<td>13’6” (4.1m)</td>
<td>22 lbs. (10kg)</td>
</tr>
<tr>
<td>Mighty Baby Chrome Steel - A450</td>
<td>17” (44cm)</td>
<td>7.3 lbs. (3.3kg)</td>
<td>20” (51cm)</td>
<td>5’2” (1.6m)</td>
<td>33 lbs. (15kg)</td>
</tr>
</tbody>
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AVENGER/ MANFROTTO
AIR DAMPED/ UNIVERSAL STANDS

**AIR DAMPED STANDS**

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7’ Air Damped Universal Cine Stand</td>
<td>BO3376</td>
<td>$149.95</td>
</tr>
<tr>
<td>8’ Air Damped Compact Light Stand</td>
<td>BO3351</td>
<td>$69.95</td>
</tr>
<tr>
<td>13’ Air Damped Master Stand with Casters</td>
<td>BO3352</td>
<td>$126.95</td>
</tr>
<tr>
<td>7’ Air Damped Quick Lock Stand</td>
<td>BO3352QL</td>
<td>$91.95</td>
</tr>
<tr>
<td>8’ Air Damped Compact Light Stand, Black</td>
<td>BO3351B</td>
<td>$71.95</td>
</tr>
<tr>
<td>11’ Air Damped Quick Lock Stand</td>
<td>BO3352QL</td>
<td>$91.95</td>
</tr>
<tr>
<td>13’ Air Damped Master Stand with Casters, Black</td>
<td>BO3352B</td>
<td>$128.95</td>
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**SELF-LOCKING AIR-DAMPED STANDS**

<table>
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<tr>
<th>Stand Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>2-Section Air Damped Self-Locking Stand</td>
<td>BO3343</td>
<td>$129.95</td>
</tr>
<tr>
<td>3-Section Air Damped Self-Locking Stand</td>
<td>BO3344</td>
<td>$149.95</td>
</tr>
<tr>
<td>2-Section Self-Locking Air Damped Speaker Stand</td>
<td>BO3342</td>
<td>$109.95</td>
</tr>
<tr>
<td>2-Section Self-Locking Air Damped Speaker Stand, Black</td>
<td>BO3342B</td>
<td>$119.95</td>
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**SPECIFICATIONS**

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<thead>
<tr>
<th>Stand Type</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7’ Air Damped Universal Stand</td>
<td>47” (119cm)</td>
<td>16 lbs. (7.5kg)</td>
<td>47” (119cm)</td>
<td>7’2” (2.2m)</td>
<td>66 lbs. (30kg)</td>
</tr>
<tr>
<td>8’ Air Damped Compact Light Stand</td>
<td>43” (115cm)</td>
<td>2.5 lbs. (1.1kg)</td>
<td>43” (114cm)</td>
<td>8’ (2.4m)</td>
<td>11 lbs. (5kg)</td>
</tr>
<tr>
<td>11’ Air Damped Quick Lock Stand</td>
<td>42” (107cm)</td>
<td>3 lbs. 10 oz. (1.4kg)</td>
<td>43” (110cm)</td>
<td>11’2” (3.4m)</td>
<td>4 lbs. 8 oz. (2.2kg)</td>
</tr>
<tr>
<td>13’ Air Damped Master Stand with Casters</td>
<td>43” (109cm)</td>
<td>5 lbs. (2.4kg)</td>
<td>43” (109cm)</td>
<td>13’ (4.0m)</td>
<td>20 lbs. (9.1kg)</td>
</tr>
<tr>
<td>2-Section Self-Locking Stand</td>
<td>49” (124cm)</td>
<td>7 lbs. (3.2kg)</td>
<td>49” (109cm)</td>
<td>7’2” (2.2m)</td>
<td>65 lbs. (29kg)</td>
</tr>
<tr>
<td>3-Section Self-Locking Stand</td>
<td>49” (124cm)</td>
<td>8 lbs. (3.6kg)</td>
<td>50” (127cm)</td>
<td>10’3” (3.1m)</td>
<td>33 lbs. (15kg)</td>
</tr>
</tbody>
</table>

**UNIVERSAL STANDS**

Universal stands come with a 1¾” socket plus either 5/8” socket or “pop-up” 5/8” spigot.

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Section Steel Cine Stand</td>
<td>BO3071</td>
<td>$139.95</td>
</tr>
<tr>
<td>3-Section Steel Cine Stand</td>
<td>BO3073</td>
<td>$119.95</td>
</tr>
<tr>
<td>3-Section Steel Cine Stand, Black</td>
<td>BO126U</td>
<td>$159.95</td>
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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Section Steel Cine Stand</td>
<td>47” (119cm)</td>
<td>16 lbs. (7.5kg)</td>
<td>47” (119cm)</td>
<td>7’2” (2.2m)</td>
<td>66 lbs. (30kg)</td>
</tr>
<tr>
<td>2-Section Steel Cine Stand</td>
<td>47” (119cm)</td>
<td>6 lbs. (2.7kg)</td>
<td>46” (118cm)</td>
<td>7’ (2.1m)</td>
<td>33 lbs. (15kg)</td>
</tr>
<tr>
<td>3-Section Steel Cine Stand</td>
<td>47” (119cm)</td>
<td>16 lbs. (7.5kg)</td>
<td>49” (124cm)</td>
<td>10’4” (3.2m)</td>
<td>44 lbs. (20kg)</td>
</tr>
<tr>
<td>3-Section Steel Cine Stand</td>
<td>47” (119cm)</td>
<td>7 lbs. (3.2kg)</td>
<td>49” (124cm)</td>
<td>10’4” (3.2m)</td>
<td>26 lbs. (11.8kg)</td>
</tr>
<tr>
<td>3-Section Heavy Duty Cine Stand</td>
<td>50” (127cm)</td>
<td>18.3 lbs. (8.3kg)</td>
<td>52” (132cm)</td>
<td>10’11” (3.3m)</td>
<td>88 lbs. (40kg)</td>
</tr>
</tbody>
</table>

For any inquiries regarding your order, call our customer service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
**BOOM STANDS**

The boom stand is a 3 riser compact stand that can rapidly be converted into a stand with boom arm. The pivoting collar on the stand allows the top two sections to be tilted for use as a telescopic boom arm.

### Convertible Boom Stand (3397)
- Supplied with refillable counterweight bag.
- Min. boom extension: 7.5".
- Max. boom extension: 63".
- Max. load at max. boom ext.: 4.5 lbs. with counterweight.

**Item # BO3397 .................** 139.95

**Convertible Boom Stand (3397B)
- Black anodized finish.**

**Item # BO3397B ...............** 159.95

### Convertible Boom Stand (3398)
- Same as 3397 without refillable counterweight bag.

**Item # BO3398 ...............** 109.95

### Convertible Boom Stand (3398B)
- Black anodized finish, without refillable counterweight bag.

**Item # BO3398B ...............** 116.95

### Convertible Boom Stand (3399)
- With steel base and column, and aluminum risers. With refillable counterweight bag.
- Max. load at max. boom extension: 11 lbs. with counterweight.

**Item # BO3399 ...............** 189.95

### Convertible Boom Stand (3400)
- Without counterweight bag.

**Item # BO3400 ...............** 169.95

### Junior Boom Stand (A700)

**Item # AVA700 .................** 239.95

### Baby Alu Combi-Boom Stand (A475B)
- Supplied with sandbag counterweight (empty).

**Item # AVA475B ...............** 209.95

### Baby Steel Combi-Boom Stand (A470)

**Item # AVA470 .................** 199.95

### Boom Stands

<table>
<thead>
<tr>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Stand Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini Boom</td>
<td>7.9 lbs. (3.6kg)</td>
<td>—</td>
<td>—</td>
<td>22 lbs. (10kg)</td>
</tr>
<tr>
<td>Junior Boom</td>
<td>32.6 lbs. (14.8kg)</td>
<td>—</td>
<td>—</td>
<td>88 lbs. (40kg)</td>
</tr>
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### Boom Stands

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<tbody>
<tr>
<td>Convertible Boom Stand - 3397</td>
<td>6 lbs. (2.7kg)</td>
<td>51.6&quot; (131cm)</td>
<td>12'10&quot; (3.9m)</td>
<td>20 lbs. (9.1kg)</td>
</tr>
<tr>
<td>Convertible Boom Stand - 3399</td>
<td>12.3 lbs. (5.6kg)</td>
<td>51.6&quot; (131cm)</td>
<td>12'10&quot; (3.9m)</td>
<td>26 lbs. (12kg)</td>
</tr>
<tr>
<td>Baby Steel Combi-Boom Stand - A470</td>
<td>18.5 lbs. (8.4kg)</td>
<td>—</td>
<td>—</td>
<td>66 lbs. (30kg)</td>
</tr>
<tr>
<td>Boom Stand - A700</td>
<td>33 lbs. (15kg)</td>
<td>6'2&quot; (188cm)</td>
<td>16'5&quot; (500cm)</td>
<td>22 lbs. (10kg)</td>
</tr>
<tr>
<td>Baby Alu Combi-Boom Stand - A475B</td>
<td>10 lbs. (4.6kg)</td>
<td>4'6&quot; (139cm)</td>
<td>13'6&quot; (413cm)</td>
<td>22 lbs. (10kg)</td>
</tr>
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### Boom Specifications

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</tbody>
</table>
STANDS & MOUNTS

Super Boom (3091)
The Bogen Super Boom features coaxial geared controls at the end of the boom, which permits movement a full 180°. The Super Boom comes complete with pivoting clamp (3099) and counterweight (3112).
Item #BO3091.............329.95

Super Boom - Black (3391)
Item #BO3091B.............339.95

3091 Super Boom with 3071 Cine Stand with Casters (3090)
Item #BO3090.............439.95

3391 Super Boom Black with 3371 Stand Black (3390)
Item #BO3090B.............446.95

Short Super Boom (3392)
The Bogen Short Super Boom has the same features as the Super Boom but is 72” in length. Supplied with (3071) cine stand with casters.
Item #BO3392.............429.95

Short Super Boom without Stand (3393)
Item #BO3393.............309.95

Heavy Duty Boom (3087)
Disassembles into 3 sections to 39” for easy transport. Comes with pivoting clamp (3099), counterweight (3112) and cine stand (3071) with casters.
Item #BO3087.............269.95

Heavy Duty Boom Black (3085B)
Item #BO3085B.............309.95

Heavy Duty Boom without Stand (3119)
Item #BO3119.............144.95

Mega Boom (3098)
Bogen’s largest boom will hold up to 13 lbs (5.9kg) at a 12 (3.7m) extension. Movements include pan, tilt and rotation, as well as geared telescopic extension of the boom arm. All are controlled by easy to crank conveniently located handles. A geared tilt system allows precise settings of +30 to -40°. To assure maximum safety the Mega Boom comes complete with a specially designed counterbalancing sand bag that can be filled with sand or shot to hold up to 77 lbs (35kg).
Item #BO3098.............721.95

Auto Boom (3388)
The Bogen Auto Boom can be mounted on a wall or heavy duty steel light stand. The Auto Boom features a self-balancing spring and piston system that allows quick repositioning without the need to release knobs or locks.
Item #BO3388.............219.95

Auto Boom (3388B)
same as above in black finish.
Item #BO3388B.............244.95

Short Wall Boom (3386)
Item #BO3386.............114.95

Wall Boom (3077)
The Wall Boom rotates 160° vertically and 180° horizontally.
Item #BO3077.............109.95

Wall Boom Black (3077B)
Item #BO3077B.............114.95

3-Piece Boom with Counterweight (3085)
This sturdy three piece boom assembly extends to 6’8” (2.1m) and can easily be disassembled to 28” (71cm) for carrying. The 25mm diameter boom has a 5/8” double ended stud with a 1/4-20 tip on one end and 3/8” on the other. The 3-Piece Boom comes complete with boom pivot & counterweight. Ideal for use with 3082 light stand.
Item #BO3085.............99.95

Same as above in Black (3385)
Item #BO3085B.............109.95

Mini Boom (2944)
Kit includes:
Mini Clamp (2940), Mini Clamp with stud (2941) and Mini Boom Arm (2944) with 3 lb. counterweight (2943).
Item #BO2945.............56.95

Pivoting Boom Clamp for all Super Booms & Heavy Duty Booms (123)
For 35mm boom shaft. Fits into 1/8” female and 5/8” male mounts.
Item #BO123.............36.95

Counter Balance Weight (10 lbs.) (023)
Item #BO023.............37.95

Counter Balance Weight (15 lbs.) (022)
Item #BO022.............58.50

Mini Counterweight (172)
3 lb. (1.4kg) counterweight clamps on tubes 13 to 30mm.
Item #BO172.............14.95

Loading Tip: Use side lighting to exaggerate the texture of a subject and create a high contrast almost 3D effect. This technique is great for coins, miniatures, or to enhance wrinkles.

Mini Counterweight (172)
# Telecoptic Hangers

A convenient method of suspending luminaires from above, for unobstructed floor areas - includes safety pin.

- **Double Telescopic Hanger with Stirrup (C820)**  
  Item # AVC820 ............ $136.95

- **Double Telescopic Hanger with Universal Head (C825)**  
  Item # AVC825 ............ $139.95

- **Long Telescopic Hanger with Stirrup (C822)**  
  Item # AVC822 ............ $158.95

- **Long Telescopic Hanger with Universal Head (C827)**  
  Item # AVC888ST ........... $174.95

## AutoPole and AutoPole 2 Systems

Unique cantilever single action locking system exerts pressure to securely wedge the rubber suction cup ends in place. Cantilever system incorporates safety lock. Floor to ceiling, or wall to wall fixing for strong vertical or horizontal support of lighting. Four versions, up to 12 feet plus optional extensions available. For variable tension adjustment use Autopole2, with its adjustable locking handle.

- **Deluxe AutoPole 2 Set of 2 (2950D)**  
  Item # BO2950D ............ $139.95

- **Deluxe AutoPole 2, Black (2956D)**  
  Item # BO2950DB ............ $149.95

- **Autopole 3.3’ (1.0m) to 5.6’ (1.7m) (2953)**  
  Item # BO2953 ............ $114.95

- **Autopole Extension 4.9’ (1.5m) (2951)**  
  Item # BO2951 ............ $56.95

- **Extension 59” (150cm) (2951)**  
  Item # BO2951 ............ $56.95

- **Extension 59” (150cm) (2951)**  
  Item # BO2952 ............ $61.95

- **Extension 59” (150cm) (2957)**  
  Item # BO2957 ............ $59.95

- **Extension 79” (201cm) (2952)**  
  Item # BO2952 ............ $61.95

- **Extension 79” (201cm) (2958)**  
  Item # BO2958 ............ $64.95

For More Manfrotto AutoPoles, See Background Pages.

## Telecoptic Hangers Specifications

<table>
<thead>
<tr>
<th>Hanger Type</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Max. Load with 5/8˝ Stud</th>
<th>Max. Load with 1⅛˝ Recev.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Telescopic Hanger - C820</td>
<td>11.9 lbs (5.5kg)</td>
<td>46” (117cm)</td>
<td>6’5” (2.0m)</td>
<td>88 lbs (40kg)</td>
<td>—</td>
</tr>
<tr>
<td>Double Telescopic Hanger - C825</td>
<td>11.2 lbs (5.1kg)</td>
<td>48” (122cm)</td>
<td>6’7” (2.0m)</td>
<td>22 lbs (10kg)</td>
<td>88 lbs (40kg)</td>
</tr>
<tr>
<td>Long Telescopic Hanger - C822</td>
<td>15 lbs (6.8kg)</td>
<td>82” (208cm)</td>
<td>12’5” (3.8m)</td>
<td>88 lbs (40kg)</td>
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<tr>
<td>Long Telescopic Hanger - C827</td>
<td>15 lbs (6.8kg)</td>
<td>83” (211cm)</td>
<td>12’6” (3.8m)</td>
<td>22 lbs (10kg)</td>
<td>88 lbs (40kg)</td>
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<tr>
<td>Long Telescopic Hanger - C888ST</td>
<td>10 lbs (4.7kg)</td>
<td>29” (73cm)</td>
<td>5’2” (1.6m)</td>
<td>88 lbs (40kg)</td>
<td>—</td>
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<tr>
<td>Long Telescopic Hanger - C888UH</td>
<td>10 lbs (4.6kg)</td>
<td>30” (76cm)</td>
<td>5’3” (1.6m)</td>
<td>22 lbs (10kg)</td>
<td>88 lbs (40kg)</td>
</tr>
</tbody>
</table>
Articulated arms, multi-position arms and fixings are used to assist accurate positioning of lighting and effects. The Magic Arm locks two arms and two swivel studs with one lever.

- **Magic Arm with Two 5/8" Studs (2930)**
  - Item # BO2930 .......... 109.95
- **Magic Arm with Quick Release Plate (2930QR)**
  - Item # BO2930QR .......... 109.95
- **Variable Friction Arm with (2) 5/8" Studs (2929)**
  - Item # BO2929 .......... 89.95
- **Variable Friction Arm with Quick Release Plate (2929QR)**
  - Item # BO2929QR .......... 99.95
- **Junior Offset Arm – 1 1/4" Pin and 1 1/4" Socket (F100)**
  - Item # AVF100 .......... 44.95
- **Junior Triple Header 3 x 1 1/2" Socket and 1 1/4" Pin (F400)**
  - Item # AVF400 .......... 99.95
- **Baby Offset Arm/ Twin 5/8" Pin & 5/8" Socket (F600)**
  - Item # AVF600 .......... 29.95
- **Baby Triple Header/ 5x 5/8" Pin & 5/8" Socket (F900)**
  - Item # AVF900 .......... 36.95
- **Umbrella Swivel Adapter (2905)**
  - Item # BO2905 .......... 26.95
- **Snap-in Articulated Arm (D301)**
  - Item # AVD301 .......... 64.95
- **Snap-in Articulated Arm with Hexagonal Pin (D306)**
  - Item # AVD306 .......... 54.95
- **Articulated Arm (2935)**
  - Item # BO2935 .......... 32.95
- **Maxi Flex Arm with Hexagonal End 20’ Long (237HD)**
  - Item # BO237HD .......... 24.95
- **Ball and Socket Flag Arm (D560)**
  - Item # AVD560 .......... 43.95
- **Articulated Arm with S/Clamp (D300)**
  - Item # AVD300 .......... 29.95
- **Articulated Arm with S/Clamp (D300)**
  - Item # AVD300 .......... 29.95
- **Base for Articulated Arm (2939)**
  - Item # BO2939 .......... 24.95
- **Flex Arm w/ Hex End 20’ Long (237)**
  - Item # BO237 .......... 19.95
- **Triple Microphone Holder (3110)**
  - Item # BO3110 .......... 54.95
## Stage Clamps

<table>
<thead>
<tr>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>Stage Clamp with 1/2˝ Hole (C280)</td>
<td>AVC280</td>
<td>5.50</td>
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<tr>
<td>Stage Clamp with 11⁄8˝ Socket (C295)</td>
<td>AVC295</td>
<td>24.95</td>
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<tr>
<td>Stage Clamp with 11⁄8˝ Stud (C290)</td>
<td>AVC290</td>
<td>17.95</td>
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<tr>
<td>Safety Cable (C155)</td>
<td>AVC155</td>
<td>19.95</td>
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<tr>
<td>Quick Release Clamp 5/8˝ Stud (649)</td>
<td>BO649</td>
<td>49.95</td>
</tr>
</tbody>
</table>

## Stage Clamps

- Multi purpose couplers made from extruded, high tension aluminum. The unique design of the MP couplers makes them suitable for cross bracing. They clamp on pipes from 11⁄2 to 2” (42 to 52mm) diameters. The MP couplers support loads up to 1100 lbs. (500 kilos). The clamp mouth can be limited to transform the coupler in a hook.

### MP Couplers

- MP Coupler Only (C4160L) Item # AVC4160L: 24.95
- MP Coupler with 28mm TV Spigot (C4161L) Item # AVC4161L: 29.95
- MP Coupler with 16mm Spigot (C4162L) Item # AVC4162L: 29.95
- MP Coupler with Lifting Eye (C4163L) Item # AVC4163L: 29.95
- MP Coupler with M12 Bolt Plus Nut (C4164L) Item # AVC4164L: 24.95
- MP Coupler with 28mm Female Attachment (C4165L) Item # AVC4165L: 39.95
- MP Coupler with Hex Stud (C4167L) Item # AVC4167L: 24.95
- MP Coupler with Hex Bushing (C4168L) Item # AVC4168L: 29.95
- MP Coupler with 5/8˝ Stud (C4169L) Item # AVC4169L: 39.95
- MP Coupler Parallel (C4180L) Item # AVC4180L: 39.95
- MP Coupler 90° Fixed (C4181L) Item # AVC4181L: 39.95
- MP Coupler Swivel (C4182L) Item # AVC4182L: 42.95
- MP Slim Coupler (C4260L) Item # AVC4260L: 19.95
- MP Slim Coupler with M12 Bolt Plus Nut (C4264L) Item # AVC4264L: 19.95
- MP Coupler Truss Support 150-250 (C4183L) Item # AVC4183L: 59.95
- MP Coupler Swivel Truss Support 150-250 (C4185L) Item # AVC4185L: 89.95
<table>
<thead>
<tr>
<th>ADAPTERS</th>
<th>PLATES</th>
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<tr>
<td><strong>RAPID ADAPTERS</strong></td>
<td><strong>3&quot; BABY WALL PLATE (F800)</strong></td>
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<tr>
<td>with 1/4&quot;-20 Male (3105)</td>
<td>Item # AVF800 ..................10.95</td>
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<td>Item # BO3105 ....................11.95</td>
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<tr>
<td><strong>RAPID ADAPTER</strong></td>
<td><strong>6&quot; BABY WALL PLATE (F805)</strong></td>
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<tr>
<td>with 3/8&quot; Thread (3102)</td>
<td>Item # AVF805 ..................14.95</td>
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<td>Item # BO3102 ....................11.95</td>
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<tr>
<td><strong>CEILING SCISSORS CLAMP (C1000)</strong></td>
<td>Item # AVC1000 .................8.50</td>
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<td>Item # AVC1005 ...................13.50</td>
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<tr>
<td><strong>SCISSOR CLIP</strong></td>
<td><strong>6&quot; BABY WALL PLATE (F800)</strong></td>
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<tr>
<td>with Cable Support (C1005)</td>
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<td>Item # AVC1005 ...................13.50</td>
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<tr>
<td><strong>5/8&quot; STUD with 1/4&quot; Thread (E300)</strong></td>
<td>Item # AVEE300 ...............4.50</td>
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<td>Items AVEE300 ....................4.50</td>
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<tr>
<td><strong>16mm PIN for Wood (E610)</strong></td>
<td>Item # AVE610 ...................9.95</td>
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<td><strong>HEXAGONAL PIN for Wood (E620)</strong></td>
<td>Item # AVE620 ..................13.50</td>
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<td>Item # AVF820 ................17.95</td>
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<td>Item # AVE200 ...................17.95</td>
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<tr>
<td><strong>Yoke to Stand Adapter 1/4&quot; STUD – 5/8&quot; SOCKET (E390)</strong></td>
<td>Item # AVE390 ..............14.95</td>
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<tr>
<td><strong>FEMALE ADAPTER – 5/8&quot; (3101)</strong></td>
<td>Item # BO3101 ..................13.95</td>
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<tr>
<td><strong>6&quot; PIN with Collar (E650)</strong></td>
<td>Item # AVE650 ...................8.95</td>
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<tr>
<td><strong>BABY SWIVELLING 5/8&quot; PIN &amp; HEXAGONAL PIN (F820TH)</strong></td>
<td>Item # AVF820TH ...........34.95</td>
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<tr>
<td><strong>BABY SWIVELLING SPLICOT (E825)</strong></td>
<td>Item # AVF830 .............31.95</td>
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<td><strong>BABY SWIVELLING 5/8&quot; PIN (F825TH)</strong></td>
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<tr>
<td><strong>BABY SWIVELLING 5/8&quot; PIN</strong></td>
<td>Item # AVF830RH ...............39.95</td>
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<tr>
<td><strong>TILT TOP 28MM STUD or 16MM SOCKET to 16MM SPIGOT (F830)</strong></td>
<td>Item # AVF830RH ...........39.95</td>
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<td>Item # AVF830RH ................39.95</td>
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<tr>
<td><strong>旗杆夹</strong> for Arm or Flex Arm.</td>
<td>Item # ADV350 ..................7.95</td>
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<td>Item # ADV350 ...................7.95</td>
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<tr>
<td><strong>FLEX ARM</strong></td>
<td>Item # AVF815 ..................29.95</td>
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<tr>
<td>Item # AVF815 ...................29.95</td>
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</tr>
</tbody>
</table>
AVENGER/ MANFROTTO
PUMP CUPS/ ACCESSORIES/ KITS

**PUMP CUPS**

- **Pump Cup with 5/8” Fixed Baby Pin**
  - Item # AVF1100: $34.95

- **Pump Cup with 5/8” Swivel Baby Pin**
  - Item # AVF1000: $36.50

- **Suction Grip with 5/8” Swivel Socket**
  - Item # BO3294: $56.95

**MISC. ACCESSORIES**

- **Black Metal Flag**
  - Item # AV1800: $12.50

- **Black Plastic Flag**
  - Item # AV1810: $9.95

- **Foamcore Styrene Clamp**
  - Item # AVF1501: $36.95

- **15 lbs. Cordura Sand Bag**
  - Item # AVGS200: $34.95

- **Collapsible Reflector Holder**
  - Weight: 1.5 lbs (0.7kg.)
  - Min. Extension: 24” (61cm)
  - Max. Extension: 47” (119cm)
  - Socket Size: 16mm
  - Item # AVD700B: $39.95

- **Collapsible Reflector Holder Long**
  - Weight: 1.8 lbs (0.8kg)
  - Min. Extension: 26” (66cm)
  - Max. Extension: 73” (185cm)
  - Socket Size: 16mm
  - Item # AVD705B: $54.95

- **Telescopic Poly Holder**
  - Grips any thickness, is telescopic to hold most full sheet Poly-styrene sizes; then just fixes into the lighting Grip Head (D200) mounted on a stand or clamp.
  - Item # AVD750: $74.95

- **Black Metal Flag**
  - Item # I800: $12.50

- **Black Plastic Flag**
  - Item # I810: $9.95

- **Mounting Stirrup**
  - Item # AVI8030CB: $89.95

- **Sand Bags**
  - 15 lbs. Cordura Sand Bag
    - Item # AVGS202: $34.95

- **Universal Articulated Arm Kit**
  - Item # AVD580: $69.95

- **Universal Flexextension Kit**
  - Item # AVD390: $64.95

- **Camera Flexextension Kit**
  - Item # AVD340: $44.95

- **Dot & Finger Kit**
  - Item # AVI1550KIT: $219.95

- **Universal Articulated Arm Kit**
  - Item # AVD580: $69.95

- **Universal Flexextension Kit**
  - Item # AVD390: $64.95

- **Camera Flexextension Kit**
  - Item # AVD340: $44.95

- **Dot & Finger Kit**
  - Item # AVI1550KIT: $219.95

**KITS**

- **Universal Articulated Arm Kit**
  - Kit includes: Articulated Arm, Mini Clamp, 3/8” Square Adapter, 10mm Socket Adapter, Super Clamp, Hexagonal Adapter, Black Plastic Flag.
  - Item # AVD580: $69.95

- **Universal Flexextension Kit**
  - Kit includes: Flexextension Arm, Mini Clamp, 3/8” Square Adapter, 10mm Socket Adapter, Super Clamp, Hexagonal Adapter, Black Plastic Flag.
  - Item # AVD390: $64.95

- **Camera Flexextension Kit**
  - Kit includes: Flexextension Arm, Mini Clamp, 3/8” Square Adapter, 10mm Socket Adapter, Super Clamp, Hexagonal Adapter, Black Plastic Flag.
  - Item # AVD340: $44.95

- **Dot & Finger Kit**
  - Kit includes: 1-3” Single & Double, 1-6” Single & Double, 2-6” Flags, 1-14” Silk, 2- Mini Flex Arms, 1- Bag
  - Item # AVI1550KIT: $219.95

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
### Clamps, Clips and Cable Grips

#### Pipe Clamps

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
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<tbody>
<tr>
<td>Swivelling “C” Clamp</td>
<td>C150</td>
<td>84.95</td>
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<tr>
<td>Baby Pipe Clamp with 5/8” Stud</td>
<td>C210</td>
<td>39.95</td>
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<tr>
<td>Quick Action Junior Clamp 1 1/4”</td>
<td>C337</td>
<td>79.95</td>
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<td>Quick Action Baby Clamp</td>
<td>C338</td>
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#### Gaffer Grips

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<tr>
<td>Pelican Gaffer Grip</td>
<td>C500</td>
<td>54.95</td>
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<tr>
<td>Adjustable Gaffer Grip</td>
<td>043R</td>
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#### Clamps, Clips and Cable Grips

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<thead>
<tr>
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<tbody>
<tr>
<td>Clip Clamp</td>
<td>2936</td>
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<tr>
<td>Quick Action Junior Clamp 1 1/4”</td>
<td>2937</td>
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</tr>
<tr>
<td>Quick Action Baby Clamp</td>
<td>2938</td>
<td>49.95</td>
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<tr>
<td>Sky Hook Adjustable Gaffer Clamp</td>
<td>2970</td>
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<tr>
<td>Quick Release Mounting Bracket</td>
<td>649</td>
<td>49.95</td>
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<tr>
<td>Panel Clamp</td>
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<tr>
<td>Cable Clamp</td>
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<tr>
<td>Cable Clamp</td>
<td>3093</td>
<td>2.95</td>
</tr>
</tbody>
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For any inquiries regarding your order, call our customer service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
SUPER CLAMP SYSTEM

Super Clamp (2900)
Made of lightweight cast alloy. Clamps on tubes: 1/2” to 2”.
Complete with standard stud.
Item # BO2900 .......................... 26.95

Super Clamp (2915)
without standard stud.
Item # BO2915 .......................... 24.95

Super Clamp Wedge (2915W5)
Nylon reinforced plastic insert squares up jaws to aid in fastening to flat objects. Package of 5.
Item # BO2915W5 .......................... 6.50

Super Clamp
Socket Assembly (335AS)
With only one Super Clamp, the user can put two Super Clamp accessories such as U-Hooks, Shelf Holder, Clip Clamps, etc.
108° opposite each other.
Item # BO335AS .......................... 19.95

Heavy Duty Super Clamp (C1550)
Item # AVE1550 .......................... 36.95

Super Clamp Black (C1575B)
Item # AVC1575B .......................... 23.95

Hex Pin with M10 Thread (2890)
Item # BO2890 .......................... 5.95

Snap-in 5/8” Pin for Super Clamp (E600)
Item # AVE600 .......................... 3.95

Snap-in 5/8” Pin for Super Clamp - Steel (E600C)
Item # AVE600C .......................... 3.95

Double Ball Joint Head with Camera Platform (155)
Twin swivelling 5/8” spigots and single lever lock. Designed for use with the Super Clamp (2900) or Mini Clamp (2940).
Item # BO155 .......................... 36.95

Double Ball Joint Head with Quick Release Camera Platform (155RC)
Item # BO155RC .......................... 38.95

Extension Arm (2906)
Plugs into the Super Clamp and lets you use either the standard stud or a 5/8” diameter adapter.
Item # BO2906 .......................... 18.95

Joining Arm (2917)
Used to attach 2 Super Clamps 2915 at a distance of 5.9” from each other. Length 6.5” (16.5cm)
Item # BO2917 .......................... 9.95

Aluminum Snap-in Pin (2898)
Plugs into Super Clamp 2915 for lighting fixtures, Grip heads or to connect 2 Super Clamps 2915 with 360° rotating capability. Pin includes hole for safety cable.
Item # BO2898 .......................... 9.95

Standard Stud with 3/8” Tip (2918)
Plugs into Super Clamp 2915 for fixtures or connecting 2 Super Clamps 2915 allowing them to rotate. Also available with 1/4-20” tip 2908.
Item # BO2918 .......................... 5.95

Right Angle Joining Stud (2897)
Connects 2 Super Clamps 2915 at right angles or 45° increments.
Item # BO2897 .......................... 5.95

Joining Stud (2913)
Permits 2 clamps to be joined at 60° angles.
Item # BO2913 .......................... 4.95

Reversible Short Stud (2907)
Plugs into Super Clamp 2915 socket. Allows you to mount cameras directly or a tripod head to the Super Clamp.
Item # BO2907 .......................... 5.95

Double Female Stud (3113)
Plugs into Super Clamp 2915 to provide either a 3/8” or 1/4” female thread. Allows you to screw the Super Clamp onto a head.
Item # BO3113 .......................... 4.50

Single Background Holder Hooks (2911)
When you’re traveling light and need only one background, use this pair of single hooks which fit right into a pair of Super Clamps.
Item # BO2911 .......................... 19.95

Mini Clamp Hook Set (2946)
Set of two hooks for Expan 2920 background paper holder to fit on Mini Clamp 2940. Used as an alternative to 2911.
Item # BO2946 .......................... 14.95

U-Hook Cross Bar Holder (2902P)
Set of 2.
Item # BO2902P .......................... 10.95

Narrow U-Hooks (040)
Plugs into Clamp socket. Set of 2.
Item # BO040 .......................... 14.95

Mini Clamp “U” Hooks (2947)
Set of two Mini “U” Hooks to fit into Mini Clamp 2940. Used as an alternative to 2902P.
Item # BO2947 .......................... 12.50

“L” Bracket Shelf Holders (2901)
For shelving or glass. Plugs into Clamp socket. Set of two.
Item # BO2901 .......................... 14.50

Mini Clamp “L” Bracket (2948)
Set of two.
Item # BO2948 .......................... 14.50
### Special Purpose Adapters

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<thead>
<tr>
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<th>Code</th>
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<tbody>
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<td>Stud Adapter</td>
<td>BO3101</td>
<td>Converts our standard 5/8” stud to a socket which accepts 5/8” male studs.</td>
<td>13.95</td>
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<tr>
<td>Broncolor Adapter</td>
<td>BO3100</td>
<td>Slips over our standard 5/8” stud. Provided with 3/8” threaded tip.</td>
<td>13.95</td>
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<tr>
<td>Rapid Adapter</td>
<td>BO3102</td>
<td>Converts a 5/8” stud to a 3/8” threaded tip.</td>
<td>11.95</td>
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<tr>
<td>Rapid Adapter with 1/4-20 Threaded Tip</td>
<td>BO3105</td>
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<td>11.95</td>
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<tr>
<td>Adapter</td>
<td>BO3357</td>
<td>Threaded female adapter to 5/8” stud adapter.</td>
<td>6.95</td>
</tr>
<tr>
<td>Double End Stud Adapter</td>
<td>BO013</td>
<td>Spigot for 2940, 2941, 3077, 3085, 3087 and 3095. 5/8” diameter with 1/4-20 and 3/8” threaded tip.</td>
<td>8.95</td>
</tr>
<tr>
<td>Adapter</td>
<td>BO148</td>
<td>Euro 3⁄8˝ to 1⁄4-20 reducing bushing.</td>
<td>2.95</td>
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<tr>
<td>Reversible Stud</td>
<td>BO2972</td>
<td>5/8” diameter with 1/4-20 tip.</td>
<td>6.95</td>
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<tr>
<td>Adapter</td>
<td>BO2971</td>
<td>Camera stud for Sky Hook.</td>
<td>6.50</td>
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<tr>
<td>Rapid Adapter</td>
<td>BO3301</td>
<td>Converts standard 5/8” light stand tip to long 3/8” unthreaded tip.</td>
<td>12.50</td>
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<tr>
<td>Adapter</td>
<td>BO2890</td>
<td>Super Clamp stud with 3/8” long tip, M10 thread and wing nut.</td>
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</tr>
<tr>
<td>Adapter</td>
<td>BO3106</td>
<td>For Mole Richardson lights. 5/8” diameter stud.</td>
<td>10.95</td>
</tr>
<tr>
<td>Male Spigot</td>
<td>BO3107</td>
<td>For (2905) Swivel Umbrella Adapter. 5/8” diameter with 1/4-20 and 3/8” threaded tip.</td>
<td>4.95</td>
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<tr>
<td>Female Spigot</td>
<td>BO3108</td>
<td>Same as above only with 1/4-20 and 3/8” tapped ends.</td>
<td>3.95</td>
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<tr>
<td>Adapter</td>
<td>BO2919</td>
<td>Mole Richardson to Super Clamp stud.</td>
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<tr>
<td>Adapter</td>
<td>BO3349</td>
<td>5/8” Stud with 3/8” long threaded tip with wing nut.</td>
<td>10.95</td>
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<tr>
<td>Adapter</td>
<td>BO3346</td>
<td>Euro 3/8” to 5/8” Microphone Thread Adapter.</td>
<td>4.95</td>
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<tr>
<td>3/8” Adapter</td>
<td>BO3084</td>
<td>Converts 1/4-20 threaded tip to 3/8” tubular stud.</td>
<td>4.50</td>
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<td>Adapter</td>
<td>BO3103</td>
<td>Adapts to euro tip. Screws on to 1/4-20 threaded tip to convert to 3/8” threaded tip.</td>
<td>3.95</td>
</tr>
<tr>
<td>Adapter with Flange</td>
<td>BO3367</td>
<td>1/4-20 to 3/8” adapter with flange.</td>
<td>5.95</td>
</tr>
<tr>
<td>Adapter</td>
<td>BO3358</td>
<td>Euro thread to 1/4-20 tip. Screws on to 3/8” tip to convert to 1/4-20 tip.</td>
<td>4.50</td>
</tr>
</tbody>
</table>
Multi Bracket with Locking Shoe Mount for Flash (MB2SLS)
The Multi-Bracket is designed to conveniently hold a portable flash, power supply, radio slave receiver or photo slave, and an umbrella for bounce lighting. Fits all “shoe-mount” style flash heads, and includes a locking shoe mount. It may be mounted onto a monopod or small light stand for mobility. Equipped with a flash “quick release” and an adjustable tilting head for easy positioning. Fits light stands with top studs up to 5/8 inch diameter. Note: This model will block the Auto Sensor of most flashes. Use the flash in Manual, or TTL, with the proper TTL off-camera cord.
Item # CRMB2SLS ............ 78.95

Multi Bracket for Metz 45 and 60 Series Flashes (MB3)
The Multi-Bracket is designed to conveniently hold a portable flash, power supply, radio slave receiver or photo slave, and an umbrella for bounce lighting. Fits Metz 45 and 60 Series handle mount flashes. It may be mounted onto a monopod or small light stand for mobility. Equipped with a flash “quick release” and an adjustable tilting head for easy positioning. Fits light stands with top studs up to 5/8 inch diameter. Note: This model allows the flash to be positioned with the auto-sensor facing the subject.
Item # CRMB3 .............. 74.95

Multi Bracket for Sunpak Handle Mount Flashes (MB4)
The Multi-Bracket is designed to conveniently hold a portable flash, power supply, radio slave receiver or photo slave, and an umbrella for bounce lighting. Fits most “handle-mount” style flash heads. It may be mounted onto a monopod or small light stand for mobility. Equipped with a flash “quick release” and an adjustable tilting head for easy positioning. Fits light stands with top studs up to 5/8 inch diameter. Note: This model allows the flash to be positioned with the auto-sensor facing the subject.
Item # CRMB4 .............. 74.95

Multi Bracket for 1/4-20 Mount (MB1)
Fits Sunpak Auto-Pro 120J, Lumedyne, Norman, Quantum Q-Flash, and MIni Lights AC/DC Version (1/4”-20 thread mount). A must for all wedding photographers or anyone who does location/candid and multiple-light shooting. The Multi-Bracket is designed to conveniently hold your portable flash, power supply, radio slave receiver or photo slave and an umbrella. Also used for bounce lighting with the strobe sensor facing subject, allowing automatic exposure control (except MB-2). They are excellent when mounted on a monopod or small light stand for easy mobility or for use on an extension pole and are extremely well balanced. Equipped with a flash “quick release” and an adjustable tilting head for easy positioning. Fits light stands with top studs up to 5/8 inch diameter. Multi-Brackets are offered in four different models to accommodate virtually all portable strobes.
Item # CRMB1 .................. 74.95

Multi Bracket for Shoe Mount Flash (MB2)
The Multi-Bracket is designed to conveniently hold a portable flash, power supply, radio slave receiver or photo slave, and an umbrella for bounce lighting. Fits all “shoe-mount” style flash heads. It may be mounted onto a monopod or small light stand for mobility. Equipped with a flash “quick release” for convenience and an adjustable tilting head for easy positioning, it fits light stands with top studs up to 5/8 inch diameter. Note: This model will block the Auto Sensor of most flashes. Use the flash in Manual, or TTL, with the proper TTL off-camera cord.
Item # CRMB2 .............. 74.95

Multi Bracket for Shoe Mount Flash (MB2SLS)
The Multi-Bracket is designed to conveniently hold a portable flash, power supply, radio slave receiver or photo slave, and an umbrella for bounce lighting. Fits all “shoe-mount” style flash heads. It may be mounted onto a monopod or small light stand for mobility. Equipped with a flash “quick release” for convenience and an adjustable tilting head for easy positioning, it fits light stands with top studs up to 5/8 inch diameter. Note: This model will block the Auto Sensor of most flashes. Use the flash in Manual, or TTL, with the proper TTL off-camera cord.
Item # CRMB2SLS ............ 78.95

Multi Bracket with Locking Shoe Mount for Flash (MB2SLS)
The Multi-Bracket is designed to conveniently hold a portable flash, power supply, radio slave receiver or photo slave, and an umbrella for bounce lighting. Fits all “shoe-mount” style flash heads, and includes a locking shoe mount. It may be mounted onto a monopod or small light stand for mobility. Equipped with a flash “quick release” and an adjustable tilting head for easy positioning. Fits light stands with top studs up to 5/8 inch diameter. Note: This model will block the Auto Sensor of most flashes. Use the flash in Manual, or TTL, with the proper TTL off-camera cord.
Item # CRMB2SLS ............ 78.95
This unique system provides the helping hand you need. Segmented one inch diameter snap together fittings, special clamps, and adapters allow you to position and set props, lights, reflectors, gobos, gels, flags, and rods at virtually any angle and position. Helps you tame the light stand jungle.

Grip-it French Flag (46042)
9" x 13" Black matte universal lens shade stays firmly in any position. Height adjusts from 4" to 16". Clamps or screws to any tripod, camera, or matte box. Includes 1/4"-20 and 3/8" base adapter to fit any system. Weighs only 10 oz.
Item #DEGF1..........................38.95

Light Stand Arm (46070)
With top clamp. Fits male/female 3/8" and 5/8" light stands. 11" of flexible segments for placement of gobos, scrim rods, reflectors, flags, small lights and flash heads.
Item #DELSAC .........................24.95

Light Stand Arm (46080)
With top 3/8" mounting stud. Fits male/female 1/4"-20 tripod threads.
Item #DELSAQ .........................24.95

Magnetic Light Stand/Ceiling Boom (46050)
Flexible with 45° tilt/360° rotation. Includes 100 lb. pull magnetic base and steel plate with mounting holes. Fits tripods, 3/8" and 5/8" light stands. Perfect for placement of back lights, flash heads, gobos, reflectors, flags, etc. Adapters included.
Item #DELSM .........................27.95

Dual Arm, Triple Clamp with Magnetic Base & Plate (46010)
Perfect for tabletop photography of jewelry, small objects etc. Overall length is 18".
Item #DEDATC .........................46.95

Single Arm w/Clamp, Magnetic Base, Tripod/Wall Plate (46020)
For holding gels, gobos, flags, and reflectors for special effects and lighting control.
Item #DESAC .........................29.50

Single Arm w/Dual Clamps (46030)
1" and 2" clamps, 12" length.
Item #DESADC .........................24.95

1" x 12" Snap Segments (46130)
Attaches to all 1" diameter segments of the Grip-It family when extra length is needed.
Item #DESSG1 .........................13.50

Magnetic Base (46160)
Item #DEMB100 .........................19.95

Magnetic Base (46170)
Same as above, holds 175 lbs., 5" diameter.
Item #DEMB175 .........................31.95

Flex Grip
These indispensable holders feature double-ended, flexible stainless steel spring clips and or black nylon "A" clamps. Holds diffusers, gels, gobos, and reflector cards in place. Bends, twists, stays put exactly where you want it.

Dual Clip, 6" (46112)
Item #DEFG6 .........................8.95

1" Clamp/Clip, 6" (46114)
Item #DEFGAC6 .....................9.95

1" Clamp/Clip, 12" (46116)
Item #DEFGAC12 ...................12.95

1/2" Clamps, 6" (46119)
Item #DEFGSC6 .....................9.95

Tripod/Wall Plate (46180)
Heavy steel, black 8" x 8" plate with multiple holes. Attaches to walls or tripods. Use with Magnetic Base 46160 & 46170.
Item #DETPW .........................8.50

Clamp Flexrod (46110)
Item #DECIF .........................27.95

Flexrod (46200)
Supports 4 lbs.
Item #DELSAFLR .....................24.95

Accessory Fork (46080)
Fits 1/4"-20 male thread. Holds up to 4 x 3" foamcore sheet.
Item #DEAF .........................13.95
**DELTA ACCESSORIES**

**LIGHT SUPPORT**

**Super Clamps**
Black Nylon “A” clamps hold almost anything without damage. Tip swivels 135° to accommodate flat, uneven and round surfaces. Serrated edge to grip stands, booms, and pipe securely. Heat resistant.

- 1” Super Clamp (01620)  
  Item # DECS1 .................................. $2.50
- 2” Super Clamp (01622)  
  Item # DECS2 .................................. $2.95
- 3” Super Clamps (40 Clamps) (01624)  
  Item # DESC3 .................................. $15.00

- 1/2” Metal, Vinyl Tips (01600)
  Item # DCA.5 .................................. $0.50
- 1” Super Clamps (10 Clamps) (01608) with 1/4-20 and 3/8” stud.
  Item # DECA1SLSA .................................. $7.95
- 2” Super Clamp (01610) with 1/4-20 and 3/8” stud.
  Item # DECA2SLSA .................................. $9.95

**Replacement Knobs**
Industry standard knobs will fit most photographic equipment.

- 1 1/4” Four Sided Knob,  
  1/4”-20 x 3/4” Long (21228)  
  Item # DEK4S1.5 .................. $2.95
- 2” Diamond Knob,  
  1/4”-20 x 1” Long (21230)  
  Item # DEKD2 .................. $2.95
- 1” Diamond Knob,  
  1/4”-20 x 1/2” Long (21232)  
  Item # DEKD1 .................. $2.95
- 1/4”-20 x 3/4” Long (21236)  
  Item # DEKD1Q .............. $2.95
- 7/8” Round Fluted Knob,  
  1/4”-20 x 2” Long (21234)  
  Item # DEKR78 .................. $2.95
- Pocket Toolbox (02005)  
  12 in 1 tool for your location kit. Stainless steel pliers, wire cutter, bottle opener, file, phillips screwdriver, 3 slotted screwdrivers, large and small cutting blades, can opener, and ruler. Folds to 4”. Includes belt carry pouch.  
  Lifetime Ltd. Warranty.  
  Item # DETBP .................. $14.95

**Card Stock, Package of 2** (22010)
Item # DEGC2 .................. $7.50

**ZONE SYSTEM**
18% Gray Cards
Correct color or B&W exposures every time regardless of contrast, brightness, or conditions. Accurate to within 1%. Includes instructions, 8”x10”.

Item # DEK4S1.5 .................. $2.95

**LIGHTING TIP**

Improve your lighting skills by experimenting with a few hot lights, reflectors and light blockers. Move the lights around and vary the lamp to subject distance. You’ll be amazed at the effects that can be created.

**LIGHT STAND ADAPTERS**

Oversized aluminum, steel or brass. Lifetime Limited Warranty. Made in U.S.A.

- 1/4”-20 Female to 1/5” Female  
  x 1/4” Long (21192)  
  Item # DELSA58F15F ........... $9.95
- 1/4”-20 to 3/8” Stud  
  x 3/4” Long (21200)  
  Item # DELSA2538 ........... $3.95
- 1/4”-20 to 3/8”-16  
  x 5/16” Long Brass (21204)  
  Item # DELSA2538 ........... $3.95
- 1/4”-20 Female to 3/8” Stud  
  x 2” Long (21212)  
  Item # DELSA38M.25F ........... $7.95
- 1/4”-20 Female to 3/8” Female  
  x 2” Long (21222)  
  Item # DELSA38F.25Q ........... $9.95
- 3/8”-16 Female to 3/8” Female  
  x 2 1/4” Long (21196)  
  Item # DELSA38F38F ........... $9.95
- 3/8”-16 to 1/2” Stud  
  x 7/8” Long (21202)  
  Item # DELSA38.5M ........... $3.95
- 3/8” Female to 5/8” Stud  
  x 1 1/2” Long (21218)  
  Item # DELSA58F58M ........... $9.95
- 3/8” Female to 5/8” Stud  
  x 4 1/4” Long (21218)  
  Item # DELSA58F58F ........... $12.95
- 5/8” Female to 3/8” Stud  
  x 1 1/4” Long (21214)  
  Item # DELSA58F38MQ ........... $9.95
- 5/8” Female to 3/8” Stud  
  x 2” Long (21216)  
  Item # DELSA58F38MQ ........... $9.95
- 5/8” Female to 5/8” Stud  
  x 3” Long (21220)  
  Item # DELSA58F58MQ ........... $12.95
- 5/8” Female to 5/8” Stud  
  x 4” Long (21214)  
  Item # DELSA58F58MQ ........... $12.95
- 1 1/4” Stud to 5/8” Female  
  x 2” Long (21224)  
  Item # DELSA118M58F ........... $9.95
- 1 1/4” Female to 5/8” Female  
  x 4 1/4” Long (21226)  
  Item # DELSA118F58F ........... $26.50

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G I O T T O
LIGHTSTANDS & ACCESSORIES

LIGHTSTANDS

Precision engineered for long years of heavy duty professional use! Made from non-reflective anodized aluminum tubing, each section is fully air cushioned to provide maximum safety for sensitive lighting equipment.

2.6’ (0.8m) 2-Section Air-Cushioned Backlight Stand (080232)
Item # GIBLS .................. $41.95

7’ (2.1m) 4-Section Air-Cushioned Light Stand (210412)
Item # GILS7 .................. $55.95

8’ (2.4m) 3-Section Air-Cushioned Light Stand (244322)
Item # GILS8 .................. $59.95

10.6’ (3.2m) 4-Section Heavy Duty Air-Cushioned Stand (325412)
Item # GILS10.6 ............... $66.95

Background Support System (080238)
Complete with: 2 Giotto’s 10.6’ air cushioned stands and a 117” 3-section crossbar. System fits into the included 40” nylon case, either two or three 39” crossbar sections can be used together as required.
Item # GIBGSS ................. $189.95

SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
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<tbody>
<tr>
<td>2.6’ Air-Cushioned Backlight Stand</td>
<td>24” (61cm)</td>
<td>2.7 lbs. (1.2kg)</td>
<td>19’ (48cm)</td>
<td>2.6’ (0.8m)</td>
<td>3.3 lbs. (1.5kg)</td>
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<tr>
<td>7’ 4-Section Air-Cushioned Light Stand</td>
<td>36.8” (93cm)</td>
<td>3.1 lbs. (1.4kg)</td>
<td>28.3” (72cm)</td>
<td>7’ (2.1m)</td>
<td>6.6 lbs. (3.0kg)</td>
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<tr>
<td>8’ 4-Section Air-Cushioned Light Stand</td>
<td>50.2” (127cm)</td>
<td>3.8 lbs. (1.7kg)</td>
<td>39’ (99cm)</td>
<td>8’ (2.4m)</td>
<td>13.2 lbs. (6.0kg)</td>
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<tr>
<td>10.6’ 4-Section Air-Cushioned Light Stand</td>
<td>50.2” (127cm)</td>
<td>4 lbs. (1.8kg)</td>
<td>39.8” (1.0cm)</td>
<td>10.6’ (3.2m)</td>
<td>22 lbs. (10.0kg)</td>
</tr>
</tbody>
</table>

ACCESSORIES

BR-1 Crossbar 3.3’ (1.0m) (080501)
With male and female connecting threads.
Item # GICB .................. $18.95

BR-3 3-Section Background Crossbar Set (080500)
Size: 117”.
Item # GICB3 .................. $69.95

CB-5 Carrying Case (080550)
For background set.
Item # GICBGS ............... $24.95

3E55 Wing Screw (080555)
To attach stud to bar.
Item # GIWS .................. $3.50

3E54 Stud (080560)
To mount bar to stand.
Item # GIMS .................. $7.50

3E46 Reversible 5/8’ Replacement Mounting Stud (080565)
Item # GIMSR ................ $4.50

2116 Replacement Locking Knob (080700)
Item # GILK .................. $1.50

3E27 Replacement Screw (080800)
To fasten 08023 bar to base.
Item # GIFS .................. $1.50
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Height</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>LS6B</td>
<td>Black Light Stand</td>
<td>6’</td>
<td>2.5 lbs. (1kg)</td>
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<tr>
<td>LS8A</td>
<td>Black Light Stand</td>
<td>8’</td>
<td>2.4 lbs.</td>
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<tr>
<td>LS10AB</td>
<td>Black Light Stand</td>
<td>10’</td>
<td>2.8 lbs.</td>
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<tr>
<td>LS13HAB</td>
<td>Black Light Stand</td>
<td>13’</td>
<td>4.9 lbs.</td>
</tr>
<tr>
<td>LS13H</td>
<td>Black Light Stand</td>
<td>13’</td>
<td>4.9 lbs.</td>
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<tr>
<td>LS3S</td>
<td>Backlight Stand</td>
<td>37”</td>
<td>48 oz. (1.4kg.)</td>
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<tr>
<td>L8A</td>
<td>Heavy-Duty Light Stand</td>
<td>12.4’</td>
<td>4.9 lbs.</td>
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<tr>
<td>L96HAB</td>
<td>Heavy-Duty Light Stand</td>
<td>9.4’</td>
<td>4.3 lbs.</td>
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<tr>
<td>L13HAB</td>
<td>Heavy-Duty Light Stand</td>
<td>12.4’</td>
<td>4.9 lbs.</td>
</tr>
<tr>
<td>L3S</td>
<td>Multiboom Lightstand and Reflector Holder</td>
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<tr>
<td>A4196</td>
<td>Lightstand Bag</td>
<td></td>
<td></td>
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</table>

**Lightstand Bag (A4196)**
- Made of polyester with vinyl coated backing.
- Weight: 3.31 lbs. (1.5kg)
- Dimensions: 36 x 8.5 x 8.5” (92x21.6x21cm)
- Item #: 1MLSB ............... 79.95

**Heavy-Duty 9.4’ Black Light Stand (L96HAB)**
- Air Cushioned
- 3 Sections
- Maximum Height 9.4’
- Minimum Height 42”
- 5/8’ top stud with 1/4”-20 thread
- Folds to 42.5”
- Weighs 4.3 lbs.
- Item #: 1MLS96HAB ............. 38.95

**Multiboom Lightstand and Reflector Holder (3218)**
- This is a convertible light stand. As a light stand, it can support a small or medium light head to a height of 13 feet. Raise the second section completely, click, and it is a boom stand. As a boom, it can hold a small light head to an extension of almost 3 feet from the center of the stand. It is a reflector holder by means of its two clips, which can support an Impact, Flexfill, or Photoflex light disc as large as 60 inches. A hole at the end of the arm allows a counter-weight to be hung, for greater stability.
- Item #: 1MLSRH ............... 59.95

**Lightstand Bag**
- Made of polyester with vinyl coated backing.
- Weight: 3.31 lbs. (1.5kg)
- Dimensions: 36 x 8.5 x 8.5” (92x21.6x21cm)
- Item #: 1MLSB ............... 79.95
CENTURY STANDS

These popular stands are available in many different configurations, lengths and finishes. The unique staggered leg design allows C stands to be nested and therefore be placed extremely close to one another on a set. The lower leg can also be slid under many objects. In the case of the sliding leg C stands, the top leg will slide on the main riser tube, allowing its use on stairs, off curbs and even as high as placing that leg on a counter top or desk. The C+ offers a removable base for both the 20˝ and the 40˝ risers. This allows disassembly for easy travel. Brand new semi-spring loaded leg mechanism design. Both lower legs are held securely in position, while the top leg is adjustable without the otherwise cumbersome, awkward design used by other manufacturers. Fast, easy opening and closing. Both 20˝ and 40˝ models are equipped with the sliding leg and come complete with head and arm.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>20˝ Hollywood C Stand (339570)</td>
<td>Hollywood 20˝ (51cm) double riser, sliding leg, complete with grip head and arm. Spring loaded.</td>
<td>20˝ (508mm)</td>
<td>29˝ (0.8m)</td>
<td>22 lbs. (10kg)</td>
</tr>
<tr>
<td>Item # MALSC20HC</td>
<td>134.95</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>20˝ C Stand (339574)</td>
<td>20˝ (51cm) double riser.</td>
<td>20˝ (508mm)</td>
<td>29˝ (0.8m)</td>
<td>22 lbs. (10kg)</td>
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<td>Item # MALSC20</td>
<td>127.50</td>
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<tr>
<td>20˝ C Stand (B339574)</td>
<td>20˝ (51cm) double riser, black.</td>
<td>20˝ (508mm)</td>
<td>29˝ (0.8m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>Item # MALSC20B</td>
<td>127.50</td>
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<tr>
<td>20˝ Hollywood C+ Stand (756120)</td>
<td>Hollywood 20˝ (51cm) C+ stand, complete with 20˝ riser, turtle base, head and 20˝ arm.</td>
<td>20˝ (508mm)</td>
<td>29˝ (0.8m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>Item # MALSCP20</td>
<td>149.95</td>
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<td>20˝ C+ Stand (339761)</td>
<td>C+ 20˝ (51cm) riser section only,</td>
<td>20˝ (508mm)</td>
<td>29˝ (0.8m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>Item # MAR20CP</td>
<td>98.50</td>
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<tr>
<td>40˝ C Stand (339564)</td>
<td>40˝ (102cm) double riser.</td>
<td>20˝ (508mm)</td>
<td>66˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>Item # MALSC40</td>
<td>119.95</td>
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<td>40˝ C Stand (B339564)</td>
<td>40˝ (102cm) double riser, black.</td>
<td>20˝ (508mm)</td>
<td>66˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>Item # MALSC40B</td>
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<tr>
<td>20˝ Hollywood C Stand (756040)</td>
<td>Hollywood 40˝ (102cm) double riser, sliding leg, with grip head and arm. Spring loaded.</td>
<td>20˝ (508mm)</td>
<td>66˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>Item # MALSC20HC</td>
<td>144.95</td>
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<tr>
<td>40˝ Hollywood C+ Stand (756140)</td>
<td>Hollywood 40˝ (102cm) C+ stand complete with 40˝ riser, turtle base, head and 40˝ arm.</td>
<td>20˝ (508mm)</td>
<td>66˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
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<td>Item # MALSC40H</td>
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<tr>
<td>20˝ Hollywood C+ Stand (756120)</td>
<td>Hollywood 20˝ (51cm) C+ stand, complete with 20˝ riser, turtle base, head and 20˝ arm.</td>
<td>20˝ (508mm)</td>
<td>66˝ (3.2m)</td>
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<tr>
<td>40˝ Hollywood C+ Stand (756140)</td>
<td>Hollywood 40˝ (102cm) C+ stand complete with 40˝ riser, turtle base, head and 40˝ arm.</td>
<td>20˝ (508mm)</td>
<td>66˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>40˝ C Stand (339725)</td>
<td>C+ 40˝ (102cm) riser section only,</td>
<td>20˝ (508mm)</td>
<td>66˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
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<td>Item # MAR40CP</td>
<td>94.50</td>
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<tr>
<td>Hollywood Turtle Base (755001)</td>
<td>Hollywood Turtle Base, head and 40˝ arm. Spring loaded.</td>
<td>20˝ (508mm)</td>
<td>66˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>Item # MAHTB</td>
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### SPECIFICATIONS

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<tr>
<th>Model</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
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<tr>
<td>20˝ C Stand - 339570</td>
<td>27.5˝ (699mm)</td>
<td>8.25 lbs. (4kg)</td>
<td>20˝ (508mm)</td>
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<td>22 lbs. (10kg)</td>
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<tr>
<td>20˝ C Stand - 339574</td>
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<tr>
<td>20˝ C Stand - B339574</td>
<td>27.5˝ (699mm)</td>
<td>8.25 lbs. (4kg)</td>
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<td>22 lbs. (10kg)</td>
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<tr>
<td>20˝ Hollywood C Stand - 756120</td>
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<td>20˝ (508mm)</td>
<td>2˝ (0.8m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>40˝ C Stand - 339564</td>
<td>27.5˝ (699mm)</td>
<td>11 lbs. (5kg)</td>
<td>53˝ (1346mm)</td>
<td>106˝ (3.2m)</td>
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<tr>
<td>40˝ C Stand - B339564</td>
<td>27.5˝ (699mm)</td>
<td>11 lbs. (5kg)</td>
<td>53˝ (1346mm)</td>
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<td>22 lbs. (10kg)</td>
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<tr>
<td>40˝ Hollywood C Stand - 339567</td>
<td>27.5˝ (699mm)</td>
<td>11 lbs. (5kg)</td>
<td>53˝ (1346mm)</td>
<td>106˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>40˝ Hollywood C Stand - 756040</td>
<td>27.5˝ (699mm)</td>
<td>11 lbs. (5kg)</td>
<td>53˝ (1346mm)</td>
<td>106˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>40˝ Hollywood C Stand - 756140</td>
<td>27.5˝ (699mm)</td>
<td>11 lbs. (5kg)</td>
<td>53˝ (1346mm)</td>
<td>106˝ (3.2m)</td>
<td>22 lbs. (10kg)</td>
</tr>
</tbody>
</table>
The items in this category are normally attached directly to a stand. Many have other uses however, such as attaching to pipe, pipe grids or car rigs and telescoping hangers.

**Hollywood**

2½” Grip Head (350580)
Plates now feature 2 holes, 3/8” and 5/8”, eliminating confusion. New castings offer positive lock in all directions. The strongest and most popular Grip Head in the industry. Guaranteed to hold, will not slip.

Item # MAHWH2.5 ............ 26.95

Hollywood
2½” Grip Head, Black (B350580)
Item # MAHWH2.5B .............. 29.95

**Hollywood Hanger** (B429616)
A clamping device which can convert any MSE C Stand to be used as a boom arm. The C Stand or any other stand with a 1¼” main tube can be securely clamped into place. The “fork” is then placed into a 4½” Grip Head.

Item # MAETR1 ............... 34.95

**Broken Arms** (680011)
More versatile, faster set-ups and finer adjustments are the three things required most on a set. Adding the Broken Arm to any equipment request will do just that. Used like any Gobo Arm, the Broken Arm can hold all the same items but has the unique ability to change its position and rotate 360° with the release of one handle. The stand mounting portion has an outside diameter of 5/8” to fit into a Junior Receiver, while the inside is bored to mount on a 5/8” pin.

Item # MABA ................. 123.50

**Magic Finger** (388210)
In the few short years that the Magic Finger has been out in the market, it has become one of the most popular grip accessories of all time. The 5/8” pin attached to the ball joint pivots from −15° to +90° while the collar rotates 360°. All axis lock positively with the one locking handle. The stand mounting portion has an outside diameter of 5/8” to fit into a Junior Receiver, while the inside is bored to mount on a 5/8” pin.

Item # MAMF ................. 72.50

**XTA Head** 2½” (349583)
Fits 1¼” Tubing.
Item # MAXGH1.25 ............. 42.50

**Right Angle Baby Pin Adapter** (429232)
Permits a fixed 90° angle offset from any Baby Pin.
Item # MABPARA ............. 24.95

**Matthlink Stand**
(Matthlink Stand (8386019))
The Matthlink stand is truly the missing link! Designed to replace everything from full apple boxes to pancakes, this flexible stand is designed to work anything with a 5/8” baby receiver from the ground up to 20 inches. The Matthlink stand can be placed over cable, and are easily stored by the dozen in a milk crate. This unique design replaces the old Baby Plate screwed to any apple box configuration.

Item # MAMLS .................. 126.95

**Matthlink Stand Equipment**

**Century Stands Accessories**

**Century Stands Attachments**

**Hollywood Arms**
The Hollywood Arms, also known as the Magic Gobo Arm, utilize the superior locking Hollywood Head. All shafts are 5/8” diameter stainless steel and come in both GRIPTONYTE or Standard finish.

20” (51cm)
Hollywood Arm (681012) Item # MAHWA20 ............ 36.95

40” (102cm)
Hollywood Arm (681013) Item # MAHWA40 ............ 36.95

**Magic Finger** (388210)
The Gag is the combination of two sets of Grip Head Plates on one shaft, and with one locking pin handle. It serves many purposes, such as making a yoke with a Grip Head at each end or converting a Double Extension Arm to a Triple Extension Arm, feathering two Open End Scrims for a graduated lighting effect. The Double Gag combines two Grip Heads onto one 1/4” mounting shaft and allows each head to be locked individually. The Double Gag is also known as the “Lollypop”.

Gag (429614) Double Gag (429642)
Item # MAMG .................. 33.95 Item # MAMGD ............. 67.95

**Broken Arms** (680011)
More versatile, faster set-ups and finer adjustments are the three things required most on a set. Adding the Broken Arm to any equipment request will do just that. Used like any Gobo Arm, the Broken Arm can hold all the same items but has the unique ability to change its position and rotate 360° with the release of one handle. The stand mounting portion has an outside diameter of 5/8” to fit into a Junior Receiver, while the inside is bored to mount on a 5/8” pin.

Item # MABA ................. 123.50
KIT STANDS

Designed primarily for their use in lighting kits, these stands are compact and lightweight. They are ideal for assembling custom lighting kits or as a replacement. Many of Kit Stands employ a “brake shoe” system for locking off the riser tubes as opposed to “pinch castings”, therefore permitting the use of heavier fixtures.

<table>
<thead>
<tr>
<th>Kit Stand</th>
<th>Model Number</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>Lowboy Kit Stand</td>
<td>B387475</td>
<td>Triple Riser, Black</td>
<td>MALSLBTRK</td>
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<tr>
<td>Light/Medium Kit Stand</td>
<td>B387483</td>
<td>Aluminum</td>
<td>MALSLMK</td>
<td>69.95</td>
</tr>
<tr>
<td>Light/Medium Kit Stand</td>
<td>B389787</td>
<td>Aluminum with Brake, Black</td>
<td>MALSLMBK</td>
<td>74.95</td>
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<tr>
<td>Medium Kit Stand</td>
<td>B387477</td>
<td>Black</td>
<td>MALSMBK</td>
<td>69.95</td>
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<tr>
<td>Medium Kit Stand</td>
<td>B389788</td>
<td>with Brake, Black</td>
<td>MALSMBBK</td>
<td>72.50</td>
</tr>
<tr>
<td>Medium Maxi Kit Stand</td>
<td>B387485</td>
<td>Black</td>
<td>MALSMBKQ</td>
<td>95.95</td>
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<tr>
<td>Light/Heavy Kit Stand</td>
<td>B387487</td>
<td>Double Riser, Black</td>
<td>MALSLHDRK</td>
<td>123.95</td>
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<td>Light/Heavy Kit Stand</td>
<td>B387490</td>
<td>Triple Riser, Black</td>
<td>MALSLHTRK</td>
<td>147.95</td>
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<tr>
<td>Adapter Wheels (3)</td>
<td>B387497</td>
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<td>MAWSKS</td>
<td>61.95</td>
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Footprint Weight Minimum Height Maximum Height Load Capacity
Lowboy - B387475
26” (660mm) 5 lbs. (2kg) 39” (991mm) 8’ 4” (2.5m) 20 lbs. (9kg)
Light/ Medium - B389787
27” (686mm) 3 lbs. (1kg) 26” (660mm) 6’ 10” (2.1m) 17 lbs. (8kg)
Light/ Medium - B387483
36” (914mm) 2 lbs. (1kg) 29.5” (749mm) 7’ 9” (2.4m) 9 lbs. (4kg)
Medium - B387477
29” (737mm) 2.75 lbs. (1.25kg) 33” (838mm) 8’ 6” (2.6m) 10 lbs. (5kg)
Medium - B389788
32” (813mm) 3.5 lbs. (1.6kg) 30” (762mm) 7’ 8” (2.3m) 20 lbs. (9kg)
Medium Maxi - 387485
37” (940mm) 8.5 lbs. (4kg) 36” (914mm) 9’ 5” (2.9m) 25 lbs. (11kg)
Light/ Heavy - B387487
43” (1092mm) 6 lbs. (3kg) 39” (991mm) 8’ 4” (2.5m) 25 lbs. (11kg)
Light/ Heavy - B387490
43” (1092mm) 7 lbs. (3kg) 43” (1092mm) 11’ 7” (3.5m) 25 lbs. (11kg)
BABY STANDS

Heavy duty and rugged, these all aluminum stands can withstand the rigors of location shooting. Made with square tubular legs for additional strength. Both the double and triple riser versions are available with a rocky mountain leg for easy leveling on uneven terrain. The standard version is also available in black. Smaller versions of Beefy Baby stands are known as Mini Preemie and Preemie Baby stands.

**Mini Preemie Baby Stand (386038)**
Steel.
Item # MALSMPB .......................................................... 152.95

**Preemie Baby Stand (386034)**
Aluminum.
Item # MALSPB .......................................................... 162.95

**Beefy Baby Stand (386049)**
Triple riser, rocky mountain leg, steel.
Item # MALSBBTRRMLS ............................................. 209.95

**Hollywood Beefy Baby Stand (387030)**
Double riser, rocky mountain leg, aluminum.
Item # MALSHWBBDRRM ........................................ 174.50

**Baby Junior Stand (386025)**
Double riser, steel.
Item # MALSJDR .......................................................... 227.95

**Baby Junior Stand (386020)**
Triple riser, steel.
Item # MALSBJTR .......................................................... 249.95

**Beefy Baby Door Mounting Rack (429657)**
Holds 7 stands.
Item # MAMRBBLS .......................................................... 84.95

**SPECIFICATIONS**

<table>
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<tr>
<th></th>
<th>Footprint</th>
<th>Weight</th>
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<th>Maximum Height</th>
<th>Load Capacity</th>
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<tbody>
<tr>
<td>Mini Preemie - 386038</td>
<td>14” (356mm)</td>
<td>5.75 lbs. (3kg)</td>
<td>20” (508mm)</td>
<td>3’ (.9m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>Preemie - 386034</td>
<td>30” (76mm)</td>
<td>5 lbs. (2kg)</td>
<td>28” (711mm)</td>
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<td>Hollywood Beefy Baby - 387030</td>
<td>62” (1575mm)</td>
<td>9 lbs. (4kg)</td>
<td>36.5” (927mm)</td>
<td>7’7” (2.3m)</td>
<td>22 lbs. (10kg)</td>
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<tr>
<td>Hollywood Beefy Baby - 387031</td>
<td>62” (1575mm)</td>
<td>9.5 lbs. (4.5kg)</td>
<td>45” (1143mm)</td>
<td>11’6” (3.5m)</td>
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<tr>
<td>Beefy Baby - 386049</td>
<td>62” (1575mm)</td>
<td>17 lbs. (8kg)</td>
<td>45” (1143mm)</td>
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<td>20 lbs. (9kg)</td>
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<tr>
<td>Baby Junior - 386025</td>
<td>29” (737mm)</td>
<td>14 lbs. (6kg)</td>
<td>48” (1219mm)</td>
<td>9’8” (2.9m)</td>
<td>30 lbs. (14kg)</td>
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<tr>
<td>Baby Junior - 386020</td>
<td>49” (1245mm)</td>
<td>18.5 lbs. (8kg)</td>
<td>55” (1397mm)</td>
<td>9’8” (2.9m)</td>
<td>30 lbs. (14kg)</td>
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<tr>
<td>Baby Runway - 388200</td>
<td>27” (686mm)</td>
<td>20 lbs. (9kg)</td>
<td>49.5” (1257mm)</td>
<td>9’8” (2.9m)</td>
<td>40 lbs. (18kg)</td>
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</table>
BABY STANDS

With the Runway Base added, the Magic stand can be a rolling light stand, it can be a high rolling light stand and it can also convert to a two section light boom with its own rolling stand. Its versatility is truly magical, whether a light needs to be placed at floor height, behind a model as a hair light, or over a table for a product shot, this stand can do it all. Made with a standard 1 1/8” junior pin at the bottom. It can also be inverted to hang into set.

Magic Stand (388214) 40” (102cm), riser only. Item # MALSCM 364.95
Magic Stand (999042) 40” (102cm) riser complete with Runway Base. Item # MALSM 586.50
Runway Base (388201) Made with a Posi-V-Lock 1 1/8” junior receiver, this really low rolling stand base was designed to work with the Magic stand, but it is also capable of handling any large light fixture mounted directly into its receiver. Item # MABBRW 229.50

Low Boy Junior Stand (386021) Double riser, rolling. Item # MALSJLB 276.50
Low Boy Senior Stand (386026) Double riser, rolling. Item # MALSSLB 329.50
Junior Stand (386022) Double riser, rolling. Item # MALSJDR 294.95
Junior Stand (B386022) Same as above, only in black. Item # MALSJDRB 294.95
Junior Stand (386033) Triple riser, rolling. Item # MALSJTR 324.50
Junior Stand (B386033) Same as above, only in black. Item # MALSJTRB 324.50
Senior Stand (386027) Double riser, rolling. Item # MALSS 318.95
Brace Stand (386028) Double riser, steel. Item # MALSSB 376.50

JUNIOR AND SENIOR STANDS

Designed for larger lighting fixtures, these all steel stands provide a stable rolling base for junior and mid-size lighting fixtures. Equipped with universal 1 1/8” posi-V-Lock female with pop up 5/8” male receiver. The Senior stands are made for fixtures weighing up to 88 lbs., (40kg), while the Brace stand has three additional braces on the center column for increased support of heavier fixtures.

Low Boy Junior Stand (386021) Double riser, rolling. Item # MALSJLB 276.50
Low Boy Senior Stand (386026) Double riser, rolling. Item # MALSSLB 329.50
Junior Stand (386022) Double riser, rolling. Item # MALSJDR 294.95
Junior Stand (B386022) Same as above, only in black. Item # MALSJDRB 294.95
Junior Stand (386033) Triple riser, rolling. Item # MALSJTR 324.50
Junior Stand (B386033) Same as above, only in black. Item # MALSJTRB 324.50
Senior Stand (386027) Double riser, rolling. Item # MALSS 318.95
Brace Stand (386028) Double riser, steel. Item # MALSSB 376.50

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magic Stand - 388214</td>
<td>27” (686mm)</td>
<td>37 lbs. (17kg)</td>
<td>54.5” (1384mm)</td>
<td>12’ 6” (3.8m)</td>
<td>40 lbs. (18kg)</td>
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<tr>
<td>Low Boy Junior - 386021</td>
<td>37.5” (952mm)</td>
<td>24.5 lbs. (11kg)</td>
<td>39” (991mm)</td>
<td>6’ 3” (1.9m)</td>
<td>55 lbs. (25kg)</td>
</tr>
<tr>
<td>Low Boy Senior - 386026</td>
<td>60” (1524mm)</td>
<td>27.5 lbs. (12.5kg)</td>
<td>45” (1143mm)</td>
<td>8’ 1” (2.5m)</td>
<td>90 lbs. (41kg)</td>
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<tr>
<td>Junior Stand - 386022</td>
<td>37.5” (952mm)</td>
<td>27 lbs. (12kg)</td>
<td>51” (1292mm)</td>
<td>9’ 6” (2.9m)</td>
<td>55 lbs. (25kg)</td>
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<tr>
<td>Junior Stand - 386033</td>
<td>37.5” (952mm)</td>
<td>31 lbs. (14kg)</td>
<td>56” (1422mm)</td>
<td>12’ 10” (3.9m)</td>
<td>55 lbs. (25kg)</td>
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<tr>
<td>Senior Stand - 386027</td>
<td>60” (1542mm)</td>
<td>35 lbs. (16kg)</td>
<td>56” (1422mm)</td>
<td>10’ 6” (3.2m)</td>
<td>88 lbs. (40kg)</td>
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<tr>
<td>Brace Stand - 386028</td>
<td>49” (1245mm)</td>
<td>35 lbs. (16kg)</td>
<td>54” (1372mm)</td>
<td>10’ 6” (3.2m)</td>
<td>100 lbs. (45kg)</td>
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</table>
COMBO STANDS

Originally designed for use with reflectors, these stands became popular with lighting crews as Hollywood moved from studios to outside locations. MSE Combo stands are known for their leveling on uneven terrain. The addition of the universal pop-up casting 1¼” Posi-V-Lock female with 5/8” male makes the Combo stand ideal for use with either lighting fixtures or reflectors. The Hollywood Combo is a stand with an attitude. The wider footprint and longer legs provide increased stability. Complete with rocky mountain leg and steel construction. Available with aluminum risers upon request. Will accept MSE #366068 combo adapter wheels.

| Low Boy Combo Stand (366066) | Double riser, steel. | Item # MALSBCS | 219.95 |
| Low Boy Combo Stand (366067) | Double riser, aluminum. | Item # MALSBCA | 252.50 |
| Sky High Combo Stand (366065) | Triple riser, steel. | Item # MALSCHC | 266.95 |
| Hollywood Combo Stand (369673) | Double riser. | Item # MALSCHWD | 229.50 |
| Hollywood Combo Stand (366165) | Triple riser. | Item # MALSCHWT | 254.95 |
| Combo Adapter Wheels (Set of 3) (366068) | | Item # MAWS | 142.95 |
| Combo Stand Door Rack (429655) | Stores up to 5 stands on walls or truck doors. | Item # MAMRC | 63.95 |
| Lightweight Combo Adapter Wheels (Set of 3) (366032) | | Item # MAWSLWC | 118.95 |

| SPECIFICATIONS |
|-----------------|------------------|-----------------|-----------------|-----------------|------------------|
| Low Boy Combo - 366066 | 36” (914mm) | 16 lbs. (7kg) | 33.5” (85cm) | 6’4” (1.9m) | 72 lbs. (33kg) |
| Low Boy Combo - 366067 | 31” (787mm) | 10 lbs. (5kg) | 33.5” (85cm) | 6’4” (1.9m) | 44 lbs. (20kg) |
| Sky High Combo - 366065 | 54” (1372mm) | 28 lbs. (13kg) | 66.5” (169cm) | 15’3” (4.6m) | 50 lbs. (23kg) |
| Hollywood Combo - 369673 | 43” (1092mm) | 28 lbs. (13kg) | 49.5” (126cm) | 11’4” (3.5m) | 40 lbs. (18kg) |
| Hollywood Combo - 366165 | 43” (1092mm) | 32 lbs. (15kg) | 54.2” (137cm) | 11’4” (3.5m) | 90 lbs. (41kg) |
| Mombo Combo - 377578 | 74” (1880mm) | 53 lbs. (24kg) | 74.5” (189cm) | 24’4” (7.4m) | 68 lbs. (31kg) |

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
### Combo Stands

**Mombo Combo Stand** (377578)
This new Magic Mombo Combo Stand, attains an incredible height of 24’ (7.3m). Because of this height, it features an extra wide base, and incorporates a collar for attaching stabilizing Guy Ropes. **Caution:** Slight wind can create a tremendous hazard at heights attainable with this stand. Use of Guy Ropes is highly recommended. Item # MALSMC .................................................. 449.95

**Guy Rope Safety Set** (3775840)
Set of three ropes complete with clips to attach the Guy Ring on the Mombo Combo stand or any other during windy conditions. Item # MAGRSS ......................... 72.50

**Stand Peg** (377600)
Aids an operator to adjust any lighting control element. Item # MASPMG ....................... 16.95

**Guy Rope Safety Set (Set of 3)** (377601)
Item # MASPSMC ......................... 49.95

### Crank-o-Vators

Crank-O-Vators are portable hand crank elevators for large, heavy lighting fixtures weighing up to 150 lbs. (68kg). The MSE Crank-O-Vator has a double riser system with both sections elevating at the same time. The lower section elevates with use of a cog and gear drive while the top section is chain driven. The unique cranking system design prevents reversing under load when the safety clutch is properly set. All bearings are self lubricating providing smooth continued use. A combination of steel for strength, and aluminum for its lightweight are used to provide a robust stand with relatively little weight. The Super Crank-O-Vator is the king of all manual crank up stands. Because of its heavier tripod and its 10” pneumatic wheels, this stand boasts a maximum load of 200 lbs. (91kg) when safety clutch is properly set, making it ideal for 12 and 18k HMI’s as well as multiple lamp fixtures. The base features a unique folding design which permits the entire tripod to fold several different ways for tracking, moving and storage.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Low Boy Crank-O-Vator (387579)</th>
<th>Super Crank-O-Vator (387581)</th>
<th>Crank-O-Vator (387580)</th>
<th>Stand Peg (377600)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuation</td>
<td>Mechanical telescoping</td>
<td>Mechanical telescoping</td>
<td>Mechanical telescoping</td>
<td></td>
</tr>
<tr>
<td>Crank Ratio</td>
<td>1 = 6&quot;</td>
<td>1 = 6&quot;</td>
<td>1 = 6&quot;</td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>Steel - hard chrome satin</td>
<td>Steel - hard chrome satin</td>
<td>Steel - hard chrome satin</td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>Aluminum - polished</td>
<td>Aluminum - polished</td>
<td>Aluminum - polished</td>
<td></td>
</tr>
<tr>
<td>Open Wheel Base</td>
<td>M in. 36&quot; - Max 42&quot;</td>
<td>M in. 40&quot; - Max 50&quot;</td>
<td>M in. 52&quot; - Max 72&quot;</td>
<td></td>
</tr>
<tr>
<td>Caster</td>
<td>6” ball-bearing with double</td>
<td>Full swivel 10” x 3-1/2”</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>locking brake</td>
<td>pressurized tires</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Item # MALSLBCOV ........... 2164.95**

**Item # MALSCOV ............ 2609.95**

**Item # MALSSCQ ............ 4204.95**
This motor driven, double telescoping light stand is perfect for location work where light weight, minimal size and low maintenance are important factors. The MSE Cinevator is exceptionally strong and fully capable of lifting the large and heavy lighting instruments used in motion picture and television production today. The “dry lube” film coating provides years of trouble free use with only minimal maintenance. Electric drive motors are available for 110 volts (6amps AC or DC) and 220 volts (3amps AC or DC). An additional riser has been added to the Super Cinevator, giving it an unprecedented height of over 14½’ (4.5m) or approximately 17’ (5.2m) to the center of the lens. A special collar has been incorporated in the stand to permit attaching stabilizing cables or guy ropes.

Caution: Slight wind can create tremendous hazard at heights attainable with this stand. The use of stabilizing guy ropes, (377578-40) is highly recommended.

Cinevator Specifications
Actuation.................................... Heavy duty industrial motor triggered by toggle switch
Lift Speed ................................. 30 seconds to full height
Construction............................. Steel/ aluminum
Finish...................................... Steel – hard chrome satin aluminum – polished
Bearings................................. Self lubricated
Casters................................. Full swivel, 10” x 3½” puncture proof non-pneumatic wheels

Super Cinevator Specifications
Actuation.................................... Heavy duty industrial motor triggered by toggle switch
Lift Speed ................................. 30 seconds to full height
Construction............................. Steel/ aluminum
Finish...................................... Steel – hard chrome satin aluminum – polished
Bearings................................. Self lubricated
Casters................................. Full swivel, 10” x 3½” puncture proof non-pneumatic wheels

Super Cinevator
Triple Riser 110V (387572) Item # MALSSCV ....... 6374.95
Super Cinevator
Triple Riser 220V (387573) Item # MALSSCVX ...... 6629.95

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Low Boy Crank-O-Vator - 387579</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>38’ (965mm)</td>
<td>60 lbs. (27kg)</td>
<td>38’ (965mm)</td>
<td>5’ 6” (1.7m)</td>
<td>150 lbs. (68kg)</td>
<td></td>
</tr>
<tr>
<td>Crank-O-Vator - 387580</td>
<td>48’ (1219mm)</td>
<td>81.5 lbs. (37kg)</td>
<td>62’ (1575mm)</td>
<td>11’ 7” (3.5m)</td>
<td>150 lbs. (68kg)</td>
</tr>
<tr>
<td>Super Crank-O-Vator - 387581</td>
<td>59’ (1499mm)</td>
<td>113.5 lbs. (52kg)</td>
<td>62’ (1575mm)</td>
<td>11’ 7” (3.5m)</td>
<td>200 lbs. (91kg)</td>
</tr>
<tr>
<td>Cinevator - 387570</td>
<td>56’ (1422mm)</td>
<td>119 lbs. (54kg)</td>
<td>59.5’ (1511mm)</td>
<td>10’ 8” (3.3m)</td>
<td>250 lbs. (114kg)</td>
</tr>
<tr>
<td>Super Cinevator - 387572</td>
<td>74.5’ (1892mm)</td>
<td>133.5 lbs. (52kg)</td>
<td>74’ (1880mm)</td>
<td>14’ 9” (4.5m)</td>
<td>200 lbs. (91kg)</td>
</tr>
</tbody>
</table>
OVERHEAD STANDS

Roller stands, or Overhead stands as they are often called, utilize all steel tubes and legs. Developed for flying butterlys and overheads on locations and supporting large backdrops in studios, these stands feature wide bases for stability and terminate in a 4½” grip head. Both the MSE HI-Hi and Medium Roller stands feature foot castings which allow the upright storage of the stand when collapsed, without any stress on the “All Axis” locking casters. The wide base HI-Hi and the Mombo Combo stand are made without wheels.

<table>
<thead>
<tr>
<th>Medium Overhead Roller Stand (377573)</th>
<th>Item # MALSOHRM</th>
<th>329.95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium Overhead Roller Stand (377573)</td>
<td>Item # MALSOHRMB</td>
<td>363.95</td>
</tr>
<tr>
<td>Medium Overhead Stand (377572)</td>
<td>No wheels</td>
<td>Item # MALSOH</td>
</tr>
<tr>
<td>Hi-Hi Overhead Roller Stand (377574)</td>
<td>Item # MALSOHRHH</td>
<td>384.95</td>
</tr>
<tr>
<td>Hi-Hi Overhead Roller Stand (377577)</td>
<td>Item # MALSOHRHBB</td>
<td>384.95</td>
</tr>
<tr>
<td>Hi-Hi Overhead Stand (377569)</td>
<td>Without wheels</td>
<td>Item # MALSOHHH</td>
</tr>
<tr>
<td>Hi-Hi Overhead Stand (377575)</td>
<td>Wide base without wheels</td>
<td>Item # MALSOHWHHH</td>
</tr>
<tr>
<td>Umbrella Stand (249558)</td>
<td>Designed with a low tripod base, so that the stand legs can fit under most camera dollies, the construction is similar to the Lowboy Combo stand without the rocky mountain leg. The receiver is standard 1⅝” to fit most umbrellas. (Umbrella not included)</td>
<td>Item # MAUS</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium Overhead Roller - 377573</td>
<td>60”(1524mm)</td>
<td>35.5 lbs (16kg)</td>
<td>64” (1626mm)</td>
<td>14’ (4.3m)</td>
<td>88 lbs (40kg)</td>
</tr>
<tr>
<td>Medium Overhead - 377572</td>
<td>50”(1270mm)</td>
<td>28 lbs (13kg)</td>
<td>62” (1675mm)</td>
<td>14’ (4.3m)</td>
<td>88 lbs (40kg)</td>
</tr>
<tr>
<td>Hi-Hi Overhead Roller - 377574</td>
<td>60” (1524mm)</td>
<td>43 lbs (20kg)</td>
<td>84” (2134mm)</td>
<td>20’ 9” (6.3m)</td>
<td>88 lbs (40kg)</td>
</tr>
<tr>
<td>Hi-Hi Overhead Roller - 377577</td>
<td>60” (1542mm)</td>
<td>43 lbs (20kg)</td>
<td>84” (2134mm)</td>
<td>20’ 9” (6.3m)</td>
<td>88 lbs (40kg)</td>
</tr>
<tr>
<td>Hi-Hi Overhead - 377569</td>
<td>50” (1270mm)</td>
<td>36 lbs (16kg)</td>
<td>78” (1981mm)</td>
<td>20’ 3” (6.2m)</td>
<td>88 lbs (40kg)</td>
</tr>
<tr>
<td>Hi-Hi Overhead - 377575</td>
<td>75” (1905mm)</td>
<td>38 lbs (17kg)</td>
<td>76” (1930mm)</td>
<td>20’1” (6.1m)</td>
<td>66 lbs (30kg)</td>
</tr>
<tr>
<td>Umbrella Stand - 249558</td>
<td>38” (965mm)</td>
<td>9.5 lbs (4kg)</td>
<td>30” (76mm)</td>
<td>3’ 9” (1.1m)</td>
<td>50 lbs (23kg)</td>
</tr>
</tbody>
</table>
4½" Grip Head (349581)
Now equipped with the knuckle save handle and thrust bearings. The new 4½" Grip Head is on center without any offset. The Posi-V-Lock head is spring loaded, just loosen the handle and the plates will spring open. A conclave gimbals permits gripping of irregular shaped items for even greater versatility. Feather a gobo arm, large flag or butterfly, and with one hand it securely locks in place. The openings and the top 1½" receiver are of a V design. The plates are held in alignment with a registration pin. Aluminum finish.
Item # MAGH4.5 ..........94.50

Hollywood Superflex (540001)
Totally redesigned to be the only articulated arm to lock firmly enough to able to hold a small light fixture securely. The serrated ball joints and the redesigned end receiver are all part of the new Matthews Magic. The end receiver is a 5/8" Baby Pin on the outside and will accept the standard Dot, Finger or Flex Frame pin on the inside and is tapped 3/8-16 internally to receive other camera accessories. Available only in the snap version for use with the Super Mafter Clamp.
Item # MAFASF ............103.50

Scrim Flag Adapter (540023)
Fits the Superflex to hold flags or scrims.
Item # MASFAF .............17.95

Stem Head-Right Angle Snap In Grip Head (540015)
This 2½" grip head attaches to a Mafter clamp at a right angle (90°) allowing it to be used on a vertical riser like a temporary XTA head.
Item # MASH 2.5MC .........39.95

Grip Head – Snap In (209636)
2½" grip with snap pin attached.
Item # MAGH 2.5MC ........33.95

Grieb Arm (B209652)
The Grieb Arm is an 18" (46cm) long flexible arm for use with a French Flag or with other adapters. Use with Super Mafter Clamp. Has standard fittings.
Item # MAGAF .............49.50

Grieb Arm Set (B209656)
Item # MAGAS ................27.95

Threaded Hex Adapter for Grieb Arm (209653)
Item # MAHAGA .............9.95

Grieb Arm Only (B209930)
Item # MAGA ................13.50

Threaded Dot Receiver for Grieb Arm (209854)
Item # MADRGA .............11.49

Mafter Microphone Adapter - Snap In (599660)
Incorporates spring loaded thread mechanism. The snap in Microphone Adapter has a hex pin to eliminate rotation under stress, this also allows easy mounting to the Mafter Clamp. Equipped with spring loaded thread guard 5/8-24 male microphone thread.
Item # MAM MASI ...........42.50

4x4" Mounting Plate (209638)
Holes in plate allow it to be nailed or screwed to walls or wood studs so a clamp can be attached.
Item # MAMP44MC .........19.95

MiniGrip System (PN350598)
A whole new family of smaller mounting devices used for clamping and holding a wide variety of production tools and accessories. When used with M SE’s new RoadRags kit, the MiniGrip system eliminates the need for extra stands... the MiniGrip kit consists of four lightweight 2” MiniGrip heads with 3/8” and 5/8” mounting holes... two new MiniM afterlclamps... which are half as large as the regular Mafterl with but just as many uses and two 20" arms. The MiniGrip kit can be used with camera attachments and other accessories as well as lighting equipment. These miniature tools are ideal for tabletop photography, car interiors and otherwise confined areas. The high impact composite material used in the manufacturing of these products is very strong, yet extremely light making them ideal for supporting camera accessories. It packs up into its own carrying bag. Covered by existing U.S. Patents and other Patents Pending.
Item # MAMGK ...................158.95
Offset Arm - Snap In (209639)
The Offset arm has two snap in pins in opposite directions so that the arm can be used in both the horizontal or vertical position when mounted in Super Mafer Clamp, it also features two 5/8” pins.
Item # MAOSAMC ..........29.95

Snap In Pins
For mounting of lighting fixtures. MSE offers three different sizes to fit most motion picture and still photographic instruments.
5/8” Snap In Pin (209632)
Item # MAP5MC .............8.95
1/2” Snap In Pin (209637)
Item # MAP5MC .............9.95
3/8” Snap In Pin (209633)
Item # MAP3MC .............8.95
Right Angle Snap In (209641)
Item # MARAMC ..........19.50

TVMP Snap In (429493)
Ideal for mounting small light fixtures. Replaces C Clamp to allow it to mount into a Super Mafer.
Item # MATVMSI ..........9.50

Weld On Snap In (209640)
Raw steel (not plated) for welding onto ... whatever. To be mounted into a Super Mafer Clamp.
Item # MAWOMC ..........4.95

Swivel Snap In (209635)
Allows two Super Mafer Clamps to be connected with one being able to swivel. Often used to support M microphone Fish Poles or Matth Poles.
Item # MASSI .............5.95

1/2” Drop Ceiling
Scissor Clamp (429733)
The drop ceiling scissor clamp fits on the dividers of a drop ceiling so a light or other grip accessories can be attached to the 1/2” stud.
Item # MACDCS5 ..........13.95

5/8” Drop Ceiling
Scissor Clamp (429678)
The drop ceiling scissor clamp fits on the dividers of a drop ceiling so a light or other grip accessories can be attached to the 5/8” stud.
Item # MACDCS58 ..........13.95

Super Mafer Clamp (540004)
The new MSE Magic again comes shining through with the redesigned castings on the new Super Mafer Clamp. Strengthened to withstand greater clamping pressure than any other clamp of its kind, it can now be effective in even more uses. The protective pads in the jaws also have been reformulated for better gripping action. Because of its superior strength, several new attachments have been added.
Item # MACSM ..........29.50

Super Mafer Clamp Black (540004)
Item # MACSMB ..........26.95

Double Super Mafer Clamp (540011)
The Double Super Mafer allows the use of two Mafer attachments with one clamp. The redesigned castings and the reformulated protective pads in the jaws are now strong enough to be able to make this Double Super Mafer Clamp. Use a Superflex Arm at one end and a 5/8” Baby Pin with a light fixture at the other end, or do the reverse and use the small light fixture on the Superflex Arm and a grip head with the gobo arm and flag on the other end.
Item # MACSMD ..........38.95

Putty Knife (429066)
The use of the Putty Knife allows a 5/8” stud to be placed anywhere the blade of the knife can be wedged in, such as a window sill, door or floor molding, etc.
Item # MAKP .............14.95

6” Pin with Collar (429599)
Allows easy positioning of a light in a grip head or extension arm. The collar keeps the pin from sliding all the way through.
Item # MAP6C ..........9.95

French Flag (209167)
A small opaque ABS plastic shade for shielding the camera lens. Can be used with Grieb Arm, “Just Grip” Flex Arm, Super Flex or French Flag Arm.
Item # MAFF ..........13.50

Swivel U-Hook (B209642)
A U-Hook bracket to hang cables from or when used in pairs to suspend tubes or pipes, backgrounds and even support a horizontal Matthpole.
Item # MAUHS ..........12.95
Baby Pipe Adapter (429597)
This inexpensive clamp can be used to mount a lightweight light or small grip equipment to an overhead grid. A 5/8" stud is attached.
Item # MABMPA ............... 33.95

Bar Clamp Adapter (429595)
Item # MACB .................. 19.95

Cheater Adapter (429241)
This new product has unlimited applications. The Cheater Adapter has a 5/8" receiver with the baby pin set at an angle, to eliminate barn door interference.
Item # MACPZ .................. 17.95

Cheater Plate (429141)
Similar to the 3" Baby Plate with one big difference. The pin is mounted at an angle, which eliminates barn door interference when positioning a lighting fixture.
Item # MACPZ ............... 17.95

Cheater Adapter (429301)
Manufactured with the exclusive MSE Posi-V-Lock design. It is 1¼" female to 5/8" female.
Item # MAJBA ............... 19.95

Baby Swivel Plate (427806)
The same as the 5/8" receiving mounting plate but the 5/8" female receiver rotates 360°.
Item # MABPS .................. 39.95

Microphone Stand Adapter
The Microphone Adapter for 5/8" pin terminates in 5/8"-24 male thread. Manufactured with unique spring loaded thread guard.
Item # MA58 ....................... 82.50

Junior 36" Stand Extension (426019)
This Junior Stand Extension has a tubular shaft which fits into any Junior stand, Combo stand or Junior receiver. The last 6 inches of the shaft are painted red as a warning. The unit terminates in a junior receiver at the top.
Item # MALSELL ............... 59.50

Baby Stand Extensions
When a Baby lighting fixture needs to be just a little higher, the stand extension can be added to the top of the stand, nail on plate or other hardware. A light weight extendable version is also available.

Baby 6" Stand Extension (426015)
Item # MALSEB6 ............... 24.95

Baby 12" Stand Extension (426016)
Item # MALSEB12 ............... 26.95

Baby 18" Stand Extension (426017)
Item # MALSEB18 ............... 28.95

Baby 24" Stand Extension (426018)
Item # MALSEB24 ............... 32.50

Extendable Baby Stand Extension (428499)
The same as the other Baby Stand extensions but this one is adjustable in height. When put on a stand with a 5/8" stud this extension will increase its height from 18" to 54". A 5/8" stud is mounted for the attachment of lights and other grip equipment.
Item # MALSEE ............... 32.50

5/8" Female-To-Female Adapter (429701)
 Allows two pieces of equipment ending in 5/8" male studs to be joined to each other.
Item # MAFFA58 ............... 23.95

Stand Adapter (429029)
Machine from solid steel, the Stand Adapter is exceptionally strong. Used to convert Junior 1¼" female to Baby 5/8" male.
Item # MALSA11858 ............ 23.95
### Mounting Equipment and Hardware

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baby Double Header</td>
<td>Double or Triple Headers are especially useful when several light fixtures are needed in a relatively small amount of floor space. These headers are mounted on the light stand, and allow four objects to be mounted on the Baby Double Header and five on the Baby Triple Header. The Junior Triple Header allows the use of three larger fixtures.</td>
<td>429581</td>
<td>$34.95</td>
</tr>
<tr>
<td>Baby Triple Header</td>
<td></td>
<td>429580</td>
<td>$47.50</td>
</tr>
<tr>
<td>Junior Triple Header</td>
<td></td>
<td>429617</td>
<td>$101.95</td>
</tr>
<tr>
<td>Grip Helper</td>
<td>The Grip Helper is the combination of several adapters in one. The Junior pin of the Grip Helper mounts into a light stand, and the Junior Receiver allows the mounting of a light fixture without upsetting the center of balance. In between there is a 3' to 6' (.9m to 1.8m) telescoping extension arm fixed at a 45° angle with a 4 1/2˝ Grip Head attached. By using the Grip Helper, a large light fixture and up to a 48&quot; x 48&quot; diffusion frame can be used from the same stand.</td>
<td>B429753</td>
<td>$164.95</td>
</tr>
<tr>
<td>Drop Downs</td>
<td>Drop Downs are most commonly used on lighting booms. The pivoting mounting allows the use of a light box, or other lighting instruments to maintain a horizontal position regardless of the angle of the boom.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baby Drop Down</td>
<td></td>
<td>427804</td>
<td>$38.95</td>
</tr>
<tr>
<td>Junior Drop Down</td>
<td></td>
<td>427805</td>
<td>$72.50</td>
</tr>
<tr>
<td>45° Drop Down</td>
<td>Primarily used with reflectors to allow their use at lower angles than most stands permit. The Drop Down is used instead of a side arm to keep the yoke away from the reflecting area and permit increased tilt without causing a shadow.</td>
<td>429688</td>
<td>$36.50</td>
</tr>
<tr>
<td>Junior Boom</td>
<td>The Junior Boom measures 68&quot; (178cm) when fully collapsed, and will extend over 10' (3.0m). The Junior Boom has a 25 lb. (11.3kg) counter balance weight attached and features the same tilt locking and mounting mechanism found on the Baby Boom. MSE #427805 Junior Drop Down can be used to keep light banks level.</td>
<td>427803</td>
<td>$302.50</td>
</tr>
<tr>
<td>Mini Boom</td>
<td>Designed because of the growing demand for a boom which would not bend when a constant array of accessories are added to small lighting fixtures or strobes, such as light banks, egg crates etc. Made completely out of steel, the Mini Boom mounts on a 5/8&quot; Baby Pin and will extend 7' (2.1m), terminating in 5/8&quot; pin. A hook is provided at the rear end of the boom to accommodate a sandbag for balancing. The use of a Baby Drop Down #427804 will keep the lighting instrument level.</td>
<td>427802</td>
<td>$134.95</td>
</tr>
<tr>
<td>Mini Boom in black</td>
<td>Same as above in black</td>
<td>B427802</td>
<td>$129.95</td>
</tr>
<tr>
<td>Baby Boom</td>
<td>Similar construction as the Mini Boom, this boom utilizes a much heavier duty tilt locking device and can be mounted on a stand with either a Junior Receiver or a Baby Pin.</td>
<td>427801</td>
<td>$213.95</td>
</tr>
<tr>
<td>Receiver Mounting Plate</td>
<td>Often used as a foundation for a monitor platform or speaker platform. It has a 5/8&quot; female receiver which allows it to be attached to a baby stand. The plate has four holes for screwing to an apple box, plywood or speaker enclosure.</td>
<td>429621</td>
<td>$32.50</td>
</tr>
</tbody>
</table>
Offset Arms
Offset Arms are a convenient tool when a lighting fixture needs to be placed off center, for the purpose of hiding the stand behind a set wall, or coming over the top of the set. The Baby Extendable Offset Arm terminates in double 5/8" pins and the Junior Extendable Offset Arm terminates in a single 1½" Junior Posi-V-Lock Receiver. Both extend from 18" to 25" (46 to 64cm).

Hollywood Baby Extendable Offset Arm (430126)
Item # MAOSABH...89.50
Hollywood Junior Extendable Offset Arm (430127)
Item # MAOSAJH...89.50

Side Arms
Side Arms can be clamped anywhere on the stand riser, allowing a light to be lowered to just above the legs and slightly offset, without the need for another stand. MSE offers two versions in two sizes. The Heavy Duty Side Arms utilize a special vice clamp and are made with heavier materials. In both cases, the Baby terminates in double 5/8" pins and the Junior in a single 1½" Posi-V-Lock receiver.

Caution: When using a Side Arm, place a sandbag on the far leg with at least the amount of weight of the light fixture. This will help prevent tipping of the stand.

Heavy Duty Baby Side Arm (429752)
Item # MASABHD......79.95

Heavy Duty Junior Side Arm (429751)
Item # MASAJHD......83.50

Matthellini
Pin Extender (420099)
Mounts to threaded end of clamp for additional fixture or lighting control element.
Item # MAPEM........19.95

Junior Wall Plate (429582)
Functions very much the same way as a Baby Plate, but it's made with a heavier plate and a 1½" Posi-V-Lock receiver for larger lights.
Item # MAJWP.........27.95

Baby Plates
This piece of equipment has almost as many names as it has uses. Originally designed for mounting Baby fixtures to the top of set walls, they are also used as the world's lowest stand, by nailing to a floor or on an Apple Box. Also referred to as Baby Pigeon. MSE manufactures Baby Plates in 3", 6" and 12" straight and a 12" Right Angle.

3" Baby Plate (429041)
Item # MABP3........14.95

6" Baby Plate (429085)
Item # MABP6........14.95

12" Baby Plate (429065)
Item # MABP12......17.95

Right Angle Baby Plate (429590)
Item # MABPRA......18.50

Screwless ProBaby Mount
Mounts up to 5 lbs. anywhere without nails or screws. Excellent for car, boat, or aircraft interiors. Ten times stronger than Gaffers tape or suction cup mounts. Mount "Obie" lights above television camera lenses. Weatherproof, use inside or out. The Screwless ProBaby Mount is available with a 3" Baby Pin or with a 1/4-20 screw for use with standard camera accessories.

Screwless ProBaby Mount with 1/4-20 Screw (429210)
Item # MAPBM..25.....26.95

Screwless ProBaby Mount Replacement Pads (10) (429021)
Item # MAPPBM.....23.95

Foamcore Holder (209495)
Made with a pivoting ball for easier adjustment, the foam core or bead board are taped onto the flat plate. The Foam Core Holder is often used to hold small mirrors for reflecting Xenon light beams around a set.
Item # MAFCH........39.95

Flex Clamp (429498)
The handy Flex Clamp has a shaft attached which can be attached to either a Flex Arm or the smallest hole on a 2½" grip head. The clamp itself can be used to hold gels, reflectors, French flags and the like.
Item # MACF........9.95
**STANDS & MOUNTS**

**MOUNTING EQUIPMENT AND HARDWARE**

**Cantrell Holder** (209494)
Used to hold foamcore, the Cantrell holder consists of a 3/8” shaft, threaded at one end and two square plates. Removing the front plate, which is white, the shaft is used to “spear” the foamcore. The white plate can then be replaced and held in place by a wing nut. The 3/8” shaft can be attached to a Grip Head to position the foamcore where you like.

**Item # MACQ** .................. 28.95

**Quaker Clamp** (429042)
Used to hold foamcore or bead board, the Quaker clamp is also known as Quaker clamp or duck bill. It is a vise grip with a 5/8” male stud and a large of sheet metal attached to each one of the two jaws.

**Item # MACQ** .................. 38.50

**Gaffer Grip** (B429578)
This spring action clamp has heavy duty rubber pads on its jaws to protect whatever it’s clamped on. The rubber pads are required because this clamp can be virtually attached to anything. Two 5/8” studs are attached to the clamp which can be used for mounting small lights or other grip equipment. Because the jaw opening is adjustable, the clamp will grip from 0” to 3/4”.

**Item # MAGG** .................. 29.95

**JK Clamp** (429629)
Designed for use with theatrical fixtures. Combining a pipe clamp and a Magic Finger, allows fixture to hang plumb when hanging position is not horizontal to the floor, or easy adjustment of the fixture into otherwise awkward positions.

**Item # MACJK** ............... 114.95

**Big Ben Clamp** (429620)
A “cheesboro” clamp with a 1” pin attached to it serves multiple purposes. Use it with a piece of pipe, with a diameter of 1” to 3/4” as a temporary overhead grid.

**Item # MACBBQ** ............... 69.95

**Matthellini Clamps**
Provides strong solid gripping of round, square or rectangular tubing and many other common and irregular shapes. Essentially the same design as the Cardellini, manufactured in the U.S. The differences are: a new ergonomic handle design, reinforced jaws, and the shaft is 1010 chrome plated steel. Available with 2” or 3” center jaw, or 2” end jaw. The center jaw has a fixed jaw mounted at the base of the Baby Pin portion of the shaft providing strong support for the pin. The end jaw has the fixed jaw mounted at the end of the threaded portion of the shaft. Superior in tight places!

**2” Center Jaw, Silver** (420100)
**Item # MAGM2CJS** .......... 52.95

**3” Center Jaw, Silver** (420100)
**Item # MAGM3CJ** .......... 54.95

**2” End Jaw, Silver** (420110)
**Item # MAGM2EJS** .......... 52.95

**6” End Jaw, Silver** (420210)
**Item # MAGM6EJS** .......... 54.95

**Heavy Duty Flag Clamp** (429850)
This item is used to hang flags and scrims from overhead grids. The clamp locks firmly onto the pipe while a 6” riser extends out. Attached to the riser is a 2½” grip head, the riser with the attached grip head is capable of rotating 360° allowing perfect placement of the flag.

**Item # MACFHDO** ............. 89.50

**Afflac Clamp** (B429500)
The Afflac Clamp was designed to hold small reflector cards, gels and foam core mostly for tabletop shooting. We’ve welded the same pin as is found on a Dot or Finger to a Spring Clamp so that it can be mounted into a Hollywood Superflex Arm, a Flex Arm or a Grip Head.

**Item # MACAD** ............. 19.95

**Junior Grid Clamp** (425158)
For mounting larger lighting fixtures securely to overhead grids, car rigs or camera car rails. Clamp will grip 1½” pipe minimum diameter, to a maximum of 1¼” pipe.

**Item # MACJG** ............. 69.95

**Swivel Grid Clamp** (425160)
Virtually unbreakable when the ultimate in strength is required. Clamp will grip 1½” pipe minimum diameter, to a maximum of 1¼” pipe.

**Item # MACSG** ............. 64.50
### MOUNTING EQUIPMENT AND HARDWARE

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Model No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baby Grid Clamp (425157)</td>
<td></td>
<td>$69.95</td>
</tr>
<tr>
<td>Made to clamp securely on overhead grids, car rigs or camera rails for mounting light fixtures. The Baby Grid Clamp can also be inverted with the pin mounting into a Grip Head for spanning pipe between two stands. Clamps will grip 1(\frac{1}{4})˝ pipe minimum diameter, to a maximum of 1(\frac{1}{2})˝ pipe.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Item # MACBG</strong></td>
<td></td>
<td>$69.95</td>
</tr>
</tbody>
</table>

| **"C"** Clamps             |           |        |
| M SE C Clamps are available in 4", 6", 8" and 12" with or without 5/8" mounting pins or junior receivers. Each clamp has a steel channel welded to both sides of the opening for better and safer locking. Clamps made for mounting Baby fixtures have two separate pins at different angles so that the light fixtures may fit with minimal clearance. Junior receivers are made in two fixed versions, horizontal and vertical and a universal mounting junior receiver which can be used in any one of eight different positions. All M SE C Clamps are made of forged steel. |

| **4" "C" CLAMP** (429694)  | Item # MACC4 | $26.95 |
| **6" "C" CLAMP** (429695)  | Item # MACC6 | $32.95 |
| **8" "C" CLAMP** (429696)  | Item # MACC8 | $43.95 |
| **10" "C" CLAMP** (429229) | Item # MACC10 | $58.50 |
| **12" "C" CLAMP** (429602) | Item # MACC12 | $79.95 |
| **4" "C" CLAMP** (429594)  | Item # MACC458 | $39.95 |
| With two 5/8" pins.        |             |        |
| **6" "C" CLAMP** (429596)  | Item # MACC658 | $44.95 |
| With two 5/8" pins.        |             |        |
| **8" "C" CLAMP** (429598)  | Item # MACC858 | $56.95 |
| With two 5/8" pins.        |             |        |
| **10" "C" CLAMP** (429228) | Item # MACC1058 | $74.95 |
| With two 5/8" pins.        |             |        |
| **8" Universal "C" Clamp** | Item # MACC8118U | $99.95 |
| (429601)                   |             |        |
| With horizontal and vertical 1\(\frac{1}{8}\)˝ junior receiver. |
| **8" "C" Clamp** (429690)  | Item # MACC8118H | $62.95 |
| With 1\(\frac{1}{8}\)˝ horizontal jr. receiver. |
| **8" "C" Clamp** (429691)  | Item # MACC8118V | $63.95 |
| With 1\(\frac{1}{8}\)˝ vertical jr. receiver. |

| Furniture Clamps           |           |        |
| Available in 6" to 36" lengths. Also known as Bar Clamps, a rough adjustment is made by releasing the spring loaded lock and sliding the adjustable half of the clamp over the serrated bar. Final tightening is done with a worm screw handle. The Bar Clamp Adapter slides over the bar and tightens with two thumb screws. Bar Clamp Adapters are also sold separately. |

| **6" Furniture Clamp** (429689) | Item # MACF6 | $26.95 |
| With 5/8" Bar Clamp Adapter.   |             |        |
| **12" Furniture Clamp** (429584) | Item # MACF12 | $27.95 |
| With 5/8" Bar Clamp Adapter.   |             |        |
| **18" Furniture Clamp** (429592) | Item # MACF18 | $29.95 |
| With 5/8" Bar Clamp Adapter.   |             |        |
| **24" Furniture Clamp** (429593) | Item # MACF24 | $32.95 |
| With 5/8" Bar Clamp Adapter.   |             |        |
| **36" Furniture Clamp** (429605) | Item # MACF36 | $32.50 |
| With 5/8" Bar Clamp Adapter.   |             |        |
| **Bar Clamp Adapter** (429695)  | Item # MACB | $19.95 |
| Item # MACFHD                  |             | $69.95 |
| **Heavy Duty Furniture Clamp** with 5/8" Bar Clamp** (429606) | Item # MACBHD | $24.50 |
| Operating the same as the other furniture clamp, this heavy duty version clamps from 0" to 44" and includes a heavy duty 5/8" stud with two t-handles. |
| **Heavy Duty Bar Clamp Adapter** (429603) | Item # MACBHD | $24.50 |
| The heavy duty bar clamp adapter which comes with the Furniture clamp. Fits over any rod measuring 1" diagonally. And is useful for holding lighting and grip equipment. |
MOUNTING EQUIPMENT AND HARDWARE

Pipe Clamps
Both the Baby Pipe Clamp and the Junior Pipe Clamp have a uniquely designed hook molded into the clamp which keeps the clamp on the pipe even with a light fixture attached, while the bolt is being tightened. The Baby Pipe Clamp terminates in a 5/8” Pin with a safety chain and cotter pin attached. The Junior Pipe Clamp of course terminates in a junior receiver and also has a safety chain and cotter pin attached.

Baby Pipe Clamp (429618)
Item #MACBP ............... 32.50

Junior Pipe Clamp (429619)
Item #MACJP ............... 44.95

Crowder Hanger (429624)
This is a junior receiver which hangs from a 2x4 or 2x6 without the need to nail it. The 5/8” adapter is made with a right angle bend and a 5/8” pin at each end, allowing a pin to come straight down or come off at a right angle from the beam. Item #MACH ............... 39.95

5/8” Adapter for Crowder Hanger (429625)
This pin with a 90° bend in it has 5/8” studs on either end for mounting lights and other grip equipment. Item #MAA58CH ............... 21.95

Condor Bracket (429611)
Mounted directly to the front edge of the bucket on a Condor Crane, as many as three 12K fixtures can be mounted on the Condor Bracket, leaving almost the entire bucket empty for the operator. Item #MABC ............... 401.95

Set Wall Bracket (429683)
Designed to be attached to the top of a set wall or over a 2x4 or 2x6 to make an extremely stable support for mounting lighting fixtures. The Set Wall Bracket is made with a 1¼” receiver. Item #MASW8 ............... 26.95

Ballin Bracket (429648)
This handy piece of equipment can be mounted in any 1¼” junior receiver to suspend 2x4 or 2x6 lumber for use as a lighting beam (use of a Crowder Hanger #429624 simplifies this) or for attaching backdrops. Item #MABB ............... 32.50

Poultry Bracket (429020)
The Poultry Bracket turns trees, or telephone poles into light stands. Or use a street lamp or tree trunk! Made with a 1¼” junior receiver at end of the arm with a 5/8” pin directly below it, even a cutter can be mounted from the same bracket. Item #MABP ............... 144.50

Polito Bracket (B119736)
Designed to hold expandable reflectors, foamcore, bead board, etc. This bracket can be adjusted from 24” to 48” in width. An ear for attaching a grip head or ground spike is attached as well as a handle for hand holding. Item #MABPQ ............... 119.95

Tree Branch Holder (429641)
Tree Branch Holders enable the user the opportunity to use a real tree branch instead of a cello or wood cookie. Allowing for natural branch movement, it also hides a multitude of problems when placed in the foreground of a shot, or should the shot require, coming in from the side. Item #MATBH ............... 44.95

Knuckle Head (540024)
The ultimate positioning device. Mounts to 5/8” male or 1¼” female, and is internally threaded 3/8-16 to support standard camera accessories. It rotates in all axes and will easily support up to 15 lbs. For Dots, Fingers, Flex Scrim and small light fixtures accepting 5/8” male. Item #MAKH ............... 29.95

Wall Spreaders
Wall Spreaders are used in both vertical and horizontal positions. They are placed at each end of either a 2x4 or 2x6 pre cut piece of lumber. The Wall Spreader is a two piece system, one is simply a receptacle for the lumber with a padded flat plate welded to it to protect the wall or ceiling, the other is a receptacle for lumber and a telescoping piece to insure a tight fit.

2 x 4 Wall Spreader (429016) ............... 74.95
Item #MAWS24 ............... 74.95

2 x 6 Wall Spreader (429017) ............... 74.95
Item #MAWS26 ............... 74.95
**ACCESSORIES**

# Mounting Equipment and Hardware

**Tube Stretcher (429231)**
Used in conjunction with the wall spreader, the tube stretcher is used to replace a wooden beam between the wall spreaders with a piece of metal pipe. Place the tube stretchers on either end of the pipe and lock them in place with the “T” handle screws and then place the tube stretchers into the wall spreader and your done.

Item # MATSQ ................. 74.95

**T-Bar (429233)**
Made from a 40” long, 1¼” diameter steel pipe with a 1½” Junior Pin welded in the middle for mounting in a stand. The T-Bar is especially useful when theatrical fixtures, with pipe clamps attached are used in temporary locations.

Item # MAMTB ................. 58.50

**T-Bone (B429037)**
The T-Bone, also called T-Bone Turtle, is the ultimate “pigeon”. Made of heavy gauge steel, with supported 1¼” Posi-V-lock receiver this piece of equipment is usually nailed or screwed to the studio floor for mounting larger fixtures such as Seniors or 10K’s.

Item # MATBQ ................. 74.95

**Trombones**
Trombones derive their name from the musical instrument which also telescopes. Designed to hang on a set wall, the retaining arms adjust to the thickness of set wall for security. The arm has a 90° offset on it, and telescopes in two sections. Comes with a tennis ball slipped over the lowest vertical drop to protect the wall. Telescopes 18” to 48”. Available in Baby or Junior versions.

- **Baby Trombone (429046)**
  Item # MATBX ................. 129.95

- **Junior Trombone (429047)**
  Item # MAMJ ................. 137.50

**Chain Vice Grips and Locking Pliers**
The Chain Vice Grip provides maximum gripping power on any size pipe up to 6” in diameter. The Locking Plier also provides maximum gripping power on both flat and round surfaces with smaller diameters.

- **Chain Vice Grip (429039)**
  With two 5/8” pins.
  Item # MAGCV ................. 63.95

- **Locking Plier (429038)**
  With two 5/8” pins.
  Item # MAGV ................. 32.95

**Meat Axe (429682)**
Primarily used on cat walks. It will clamp onto the hand rail, although it may be used on pipe grids. The 72” adjustable arm can pivot in all directions around the mounting clamp and will telescope in and out of the set. It has a 2½” grip head on one end and a small handle on the other end for positioning.

Item # MAMA ................. 166.50

**Mini-Meat Axe (429683)**
The Mini Meat Axe incorporates a uniquely designed grip head with simultaneous 3-axis adjustment. Locks firmly in position with a single handle. One 20” and one 40” long, 5/8” round stainless steel shafts can be securely locked in any position around the 6” C Clamp used to mount the Mini Meat Axe to the grid or hand rail. The terminating grip head will support any size Meat Axe flag or conventional scrim or cutters.

Item # MAMAM ............... 128.95

**Becky (429613)**
A hanger designed to hang a lighting fixture off the top of a set wall. It performs the same job as the Baby Trombone without the benefit of being able to telescope. It is adjustable to the thickness of the wall and terminates in two 5/8” baby pins.

Item # MAMB ................. 99.95

**Telescoping Hanger Stirrup (429612)**
The Telescoping Hanger Stirrup threads into the threaded stud on both the single and double extension hangers and is used when a light with a pipe clamp is being attached.

Item # MASTH .............. 19.50
### Mounting Equipment and Hardware

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-lb. Anchor Spike (407070)</td>
<td>A 10 lb. Spike used to anchor high stands, overheads, etc. when on location. It has brackets with holes for attaching guy wires and safety ropes.</td>
<td>123.95</td>
</tr>
<tr>
<td>Item # MAA524</td>
<td></td>
<td>123.95</td>
</tr>
<tr>
<td>12-lb. Anchor Spike (407080)</td>
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<td>55.95</td>
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<tr>
<td>Item # MAA5J42</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trapeze (429591)</td>
<td>Obtaining its name from the obvious similarity to its circus counterpart. The Trapeze is used to “fly” a lighting instrument, chandelier or other practical light into a set usually from a grid or a catwalk on the center ring via either rope, chain or cable. The ring welded at each end of the Trapeze is for attaching positioning ropes.</td>
<td>54.95</td>
</tr>
<tr>
<td>Item # MAT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Truss Me Bracket System</td>
<td>All styles of the Truss Me Brackets are manufactured with the new Posi-V-Lock system. These new brackets, in cooperation with random lengths or 1½” aluminum, steel or plastic pipe will make an immediate truss. Material selection for various types of pipe should be based on proper pay load calculations. The Pass Through Bracket will allow the vertical truss column to pass through the horizontal member to allow for multiple horizontal members. The 90° adjustable bracket swivels plus or minus 45° when angles other than 90° are required. All brackets are equipped with multiple MSE 3/8-16T Handles for quick set up and strike. Custom colors and/or finishes are available upon request. The standard finish is flat Black powder coat.</td>
<td></td>
</tr>
<tr>
<td>Item # MAMS</td>
<td></td>
<td>289.95</td>
</tr>
<tr>
<td>Item # MAMH</td>
<td>Easily mounting to any 5/8˝ pin, the Monitor Holder provides a sturdy, stable platform for video monitors. Velcro straps required to tie down the monitor are included.</td>
<td>79.95</td>
</tr>
<tr>
<td>Item # MAMMH</td>
<td>By adding the Matthews “Magic Finger” to the basic Monitor Holder, the monitor can be easily and safely tilted to accommodate the operator/viewers position. Mounts to any 5/8˝ stand’s pin.</td>
<td>139.95</td>
</tr>
<tr>
<td>Item # MAHMF</td>
<td>The addition of the Matthellini clamp, will allow the Flex Monitor Holder to be used almost anywhere. Lock it off on a jib arm support or tripod leg and adjust the monitor to a comfortable viewing angle.</td>
<td>209.95</td>
</tr>
</tbody>
</table>

#### Additional Items

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Splicer (437002)</td>
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<td>72.50</td>
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<tr>
<td>Base (437003)</td>
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<td>95.95</td>
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<tr>
<td>Item # MABTM90PT</td>
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<td>169.95</td>
</tr>
<tr>
<td>Adjustable Right Angle (437005)</td>
<td></td>
<td>509.95</td>
</tr>
<tr>
<td>Studio Overhead Grip Arm (429622)</td>
<td>The Studio Overhead Grip Arm is basically a regular 40˝ grip arm with the attached 2½˝ grip head (as described in the C-stand section) with an attached pipe clamp and grip head. This item is usually attached to an overhead pipe grid or hand rail of a catwalk to hold a flag, scrim or cutter. A safety collar or pin prevent the gobo arm from sliding through the grip head.</td>
<td>107.95</td>
</tr>
<tr>
<td>Item # MAGASOV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monitor Stand (386024)</td>
<td>The ultimate in Matthews monitor mounting systems. Whether in the studio or on location, the Monitor stand will easily roll to the desired position. Height rises from 3 feet for use at the console to 6 feet on location. Lock the monitor position at any desired angle with the Magic Finger and the sturdy, braced stand ensures a safe and stable platform.</td>
<td>289.95</td>
</tr>
<tr>
<td>Item # MAMS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magic Monitor Holder (861825)</td>
<td>By adding the Matthews “Magic Finger” to the basic Monitor Holder, the monitor can be easily and safely tilted to accommodate the operator/viewers position. Mounts to any 5/8˝ stand’s pin.</td>
<td>79.95</td>
</tr>
<tr>
<td>Item # MAMH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magic Monitor Holder (861826)</td>
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<tr>
<td>Flex Monitor Holder (8618271)</td>
<td>The addition of the Matthellini clamp, will allow the Flex Monitor Holder to be used almost anywhere. Lock it off on a jib arm support or tripod leg and adjust the monitor to a comfortable viewing angle.</td>
<td>209.95</td>
</tr>
</tbody>
</table>

#### Equipment Leasing Available
### Lightweight Telescoping Hangers

Designed for use with lightweight fluorescent or other fixtures weighing no more than 25 lbs (11.4 kg). Engineered to telescope from the grid with nominal ceiling clearance. Telescoping Hangers are available in a wide range of lengths and attachment options for both temporary and permanent placement of lighting fixtures. Constructed of aluminum with internally welded safety collars and cast aluminum fittings. Hanger will accept all pipe clamps currently being manufactured. Size and weight is less than 50% of conventional hangers. Hangers come standard with Bolt Mount.

<table>
<thead>
<tr>
<th>Length</th>
<th>Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 2 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH12C</td>
<td>83.50</td>
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<tr>
<td></td>
<td>Hanger With pipe clamp</td>
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<tr>
<td>1 to 2 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH12CS</td>
<td>99.50</td>
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<tr>
<td></td>
<td>Hanger With pipe clamp and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>stirrup hanger</td>
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<tr>
<td>1.5 to 3 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH1.53</td>
<td>74.95</td>
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<td>Hanger With pipe clamp</td>
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<tr>
<td>1.5 to 3 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH1.53CS</td>
<td>104.95</td>
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<td>Hanger With pipe clamp and</td>
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<td></td>
<td>stirrup hanger</td>
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<td>2 to 4 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH24C</td>
<td>93.50</td>
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<td>Hanger With pipe clamp</td>
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<td>2 to 4 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH24CS</td>
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<td>stirrup hanger</td>
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<td>3 to 6 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH36C</td>
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<td>Hanger With pipe clamp</td>
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<td>3 to 6 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH36CS</td>
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<tr>
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<td>stirrup hanger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 to 8 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH48C</td>
<td>113.95</td>
</tr>
<tr>
<td></td>
<td>Hanger With pipe clamp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 to 8 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH48CS</td>
<td>129.95</td>
</tr>
<tr>
<td></td>
<td>Hanger With pipe clamp and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>stirrup hanger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 to 10 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH510C</td>
<td>123.95</td>
</tr>
<tr>
<td></td>
<td>Hanger With pipe clamp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 to 10 ft.</td>
<td>Lightweight Telescoping</td>
<td>MATH510CS</td>
<td>139.95</td>
</tr>
<tr>
<td></td>
<td>Hanger With pipe clamp and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>stirrup hanger</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Heavy Duty Telescoping Hangers

Telescoping Hangers have a very substantial pipe clamp to attach to a lighting grid. The pipe clamp has been slightly offset, to allow the rise or drop down tube to slide up when there is sufficient room between the grid and the ceiling. It is therefore possible for a 3′ Single Extension Hanger to be able to go from a few inches below the grid to the fully extended 3 feet. MSE Telescoping Hangers are available in single stage and double stage. All terminate in 1/2″-13 female thread to permit the attachment of several hanging accessories. XTA heads may be added for even greater versatility.

<table>
<thead>
<tr>
<th>Extension</th>
<th>Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 ft.</td>
<td>Single Extension Hanger</td>
<td>MATH3</td>
<td>133.50</td>
</tr>
<tr>
<td></td>
<td>Item # MATH3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 ft.</td>
<td>Single Extension Hanger</td>
<td>MATH4</td>
<td>138.50</td>
</tr>
<tr>
<td></td>
<td>Item # MATH4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 ft.</td>
<td>Single Extension Hanger</td>
<td>MATH6</td>
<td>149.50</td>
</tr>
<tr>
<td></td>
<td>Item # MATH6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 ft.</td>
<td>Single Extension Hanger</td>
<td>MATH8</td>
<td>159.95</td>
</tr>
<tr>
<td></td>
<td>Item # MATH8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-6 ft.</td>
<td>Double Extension Hanger</td>
<td>MATH36</td>
<td>187.95</td>
</tr>
<tr>
<td></td>
<td>Item # MATH36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-8 ft.</td>
<td>Double Extension Hanger</td>
<td>MATH48</td>
<td>203.95</td>
</tr>
<tr>
<td></td>
<td>Item # MATH48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-10 ft.</td>
<td>Double Extension Hanger</td>
<td>MATH510</td>
<td>219.95</td>
</tr>
<tr>
<td></td>
<td>Item # MATH510</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### PIC LIGHT STANDS

#### “PRO” AIRBORNE AIR-CUSHIONED STANDS
The Airborne light stands feature locked-in extension sections that descend gently on a cushion of air to prevent expensive bulb damage. Saves fingers too! The Airborne is remarkably sturdy because it is made of rugged heavy-wall tempered aluminum tubing, with heavy leg struts. All castings are precision die cast. A high strength-to-weight ratio makes it easily portable. Heavy-duty clamp locks assure maximum rigidity. Perfect for both studio and location. All PIC light stands are backed by 40 years of producing the finest professional stands at an affordable price. All PIC stands are covered by an unconditional guarantee.

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Model</th>
<th>Length</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>9’ (2.7m) 4-Section AC Stand</td>
<td>PP49ACSAIR</td>
<td>9’</td>
<td>Solid bar legs.</td>
<td>PILS9AC</td>
<td>109.95</td>
</tr>
<tr>
<td>11’ (3.4m) 4-Section AC Stand</td>
<td>PP411ACSAIR</td>
<td>11’</td>
<td>Solid bar legs.</td>
<td>PILS11AC</td>
<td>144.95</td>
</tr>
<tr>
<td>13’ (4.0m) 5-Section AC Stand</td>
<td>PP513ACSAIR</td>
<td>13’</td>
<td>Tubular legs.</td>
<td>PILS13AC</td>
<td>148.95</td>
</tr>
</tbody>
</table>

#### “PRO” LINE STANDS
All models are black. All light stands are manufactured in the New Jersey plant, using domestic materials. Hanging points on leg base have brass bearing washers where necessary. All castings are precision die cast, offset to prevent twisting. All upright sections are round, heavy duty, wall tempered tubing with automatic section stops. All top sections have arrest features to prevent falling through.

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Model</th>
<th>Length</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7’ (2.1m) 4-Section Stand</td>
<td>PP47BLS</td>
<td>7’</td>
<td>Solid bar legs.</td>
<td>PILS7</td>
<td>68.95</td>
</tr>
<tr>
<td>9’ (2.7m) 4-Section Stand</td>
<td>PP49BLS</td>
<td>9’</td>
<td>Solid bar legs.</td>
<td>PILS9</td>
<td>79.95</td>
</tr>
<tr>
<td>11’ (3.4m) 4-Section Stand</td>
<td>PP411BLS</td>
<td>11’</td>
<td>Tubular legs.</td>
<td>PILS11</td>
<td>109.95</td>
</tr>
</tbody>
</table>

#### FEATHERLITE STANDS
Sections cannot come apart due to automatic section stops. Extremely lightweight and portable. Made of tempered aluminum. Top section arrest prevents section from falling through to bottom of stand. Solid metal, plated, easy-locking, knurled thumb screws have internal mechanism that makes locking easier, more positive and are anchored to prevent loss. Special offset castings fold legs straight. Bottom plug protects section stops. Have 5/8” top adapter.

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Model</th>
<th>Length</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7’ (2.1m) 5-Section Stand</td>
<td>4707</td>
<td>7’</td>
<td>Solid bar legs.</td>
<td>PILS7Q</td>
<td>69.50</td>
</tr>
<tr>
<td>9’ (2.7m) 5-Section Stand</td>
<td>4709</td>
<td>9’</td>
<td>Solid bar legs.</td>
<td>PILS9Q</td>
<td>74.95</td>
</tr>
</tbody>
</table>

#### HEAVY DUTY FEATHERLITE STANDS
For portable and studio use in commercial and industrial photography with heavier strobe, flood and flash units. Ideal for use with heavier quartz light units. Incorporates all fine features of PIC Featherlite Stands, including top section arrest and automatic section stops. Top section diameter is 5/8”. PIC A-1 adapter included for use with accessories fitting 3/8” diameter top section. Permanently locked-in solid plated metal, knurled thumb screws have internal mechanism that makes locking easier and more positive.

<table>
<thead>
<tr>
<th>Stand Type</th>
<th>Model</th>
<th>Length</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-Section 12’ (3.7m) Stand</td>
<td>428</td>
<td>12’</td>
<td>with A-1 or 5/8” top adapter.</td>
<td>PILS12</td>
<td>89.95</td>
</tr>
<tr>
<td>6-Section 15’ (4.6m) Stand</td>
<td>532</td>
<td>15’</td>
<td>with A-1 or 5/8” top adapter.</td>
<td>PILS15</td>
<td>114.95</td>
</tr>
</tbody>
</table>
Utility Light Stand (224)
39” base spread insures stability at maximum height. Uniquely designed castings and brackets enable legs to fold easily without strain. "Arrest" feature prevents top section from falling through. Heavy gauge seamless aluminum tubing and solid aluminum bar legs. Indicator stop marks on tube sections show maximum extension point. Solid plated metal, knurled thumb screws. Has 5/8” top adapter.
Item # PILSU .................... 59.95

Standard Light Stand (122)
For general amateur use with flood or flash units. Proper base dimensions insures stability. Top section arrest feature prevents top section from falling through. Indicator stop marks on each tube section show maximum extension point. Solid plated metal, knurled thumb screws. Has 5/8” top adapter.
Item # PILSS ..................... 44.95

Backlite Stand (BS1)
Has special leg design to permit stand to be hidden behind slim objects. Also permits light to be used just above floor level. Incorporates all features of PIC Featherlite Stands. Has 5/8” top adapter.
Item # PILSBL .................... 59.95

The Runt (RUNT)
The ultra compact, extremely portable stand is perfect for any photo opportunity. Its size and length make it a must have.
Item # PILSR ..................... 37.95

Pro Pole Series (PROPOLE)
This 6’ extension can be utilized as a pole or boom and has a convenient 5/8” top adapter & 5/8” insert on the bottom. It adapts to all situations and allows the photographer to maximize his needs. Also available in a 2’ model.
Item # PILSP9 ..................... 84.95

Prostand (PROSTAND)
With its tubular legs and double strut assembly, this stand is extremely sturdy; air cushioning is available. A time honored classic design for over 50 years.
Item # PILS9P ..................... 84.95

PROJUNIOR (PROJUNIOR)
A neat and compact 9’ stand that easily fits all portable equipment needs. Bar legs make this a sturdy addition to the photographer and newman on the run.
Item # PILS8P ..................... 54.95

A-1 Adapter (A1)
Item # PIA1 ..................... 13.95

Thumb Screws (ARGSGRAPH)
Item # PITS ..................... 0.95

Caster Adapter Set w/o Brake
Item # PICAS ........... 38.95

Caster Adapter Set with Brake
Item # PICASQ .................... 41.95

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Leg Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>9’ 4-Section AC Stand - PP494AC</td>
<td>39” (100.5cm)</td>
<td>4.4 lbs (2.0kg)</td>
<td>30” (78cm)</td>
<td>9” (2.7m)</td>
<td>Bar</td>
</tr>
<tr>
<td>11’ 4-Section AC Stand - PP411AC</td>
<td>49” (124cm)</td>
<td>5.10 lbs (2.3kg)</td>
<td>36” (93cm)</td>
<td>11’ (3.4m)</td>
<td>Tube</td>
</tr>
<tr>
<td>13’ 5-Section AC Stand - PP513AC</td>
<td>49” (124cm)</td>
<td>6 lbs (2.7kg)</td>
<td>38” (97cm)</td>
<td>13’ (4.0m)</td>
<td>Tube</td>
</tr>
<tr>
<td>7’ 4-Section Stand - PP47BL</td>
<td>34” (86cm)</td>
<td>3.2 lbs (1.5kg)</td>
<td>26” (67cm)</td>
<td>7” (2.1m)</td>
<td>Bar</td>
</tr>
<tr>
<td>9’ 4-Section Stand - PP49BL</td>
<td>39” (100cm)</td>
<td>4.4 lbs (2.0kg)</td>
<td>30” (78cm)</td>
<td>9” (2.7m)</td>
<td>Bar</td>
</tr>
<tr>
<td>11’ 4-Section Stand - PP411BL</td>
<td>41” (104cm)</td>
<td>5.4 lbs (2.4kg)</td>
<td>36” (93cm)</td>
<td>11’ (3.4m)</td>
<td>Tube</td>
</tr>
<tr>
<td>7’ 5-Section Stand - 4707</td>
<td>27” (69cm)</td>
<td>1.13 lbs (0.5kg)</td>
<td>18” (46cm)</td>
<td>7” (2.1m)</td>
<td>Bar</td>
</tr>
<tr>
<td>9’ 5-Section Stand - 4709</td>
<td>28” (71cm)</td>
<td>2.2 lbs (1.0kg)</td>
<td>22” (56cm)</td>
<td>9” (2.7m)</td>
<td>Bar</td>
</tr>
<tr>
<td>12’ 5-Section Stand - 428</td>
<td>43” (109cm)</td>
<td>3.5 lbs (1.6kg)</td>
<td>28” (71cm)</td>
<td>12’ (3.7m)</td>
<td>Bar</td>
</tr>
<tr>
<td>15’ 6-Section Stand - 532</td>
<td>49” (125cm)</td>
<td>4.8 lbs (2.2kg)</td>
<td>32” (81cm)</td>
<td>15’ (4.6m)</td>
<td>Bar</td>
</tr>
<tr>
<td>Utility Light Stand - 224</td>
<td>37” (94cm)</td>
<td>2.5 lbs (1.1kg)</td>
<td>24” (61cm)</td>
<td>10’ (3.0m)</td>
<td>Bar</td>
</tr>
<tr>
<td>Backlite Stand - BS1</td>
<td>21” (53cm)</td>
<td>1.4 lbs (0.6kg)</td>
<td>14” (36cm)</td>
<td>14’ (4.3m)</td>
<td>Bar</td>
</tr>
<tr>
<td>Standard Light Stand - 122</td>
<td>23” (59cm)</td>
<td>1.10 lbs (0.5kg)</td>
<td>22” (56cm)</td>
<td>7” (2.1m)</td>
<td>Bar</td>
</tr>
<tr>
<td>Runt</td>
<td>9” (23cm)</td>
<td>1 lb (0.5kg)</td>
<td>9” (23cm)</td>
<td>22” (56cm)</td>
<td>Bar</td>
</tr>
<tr>
<td>Pro Stand</td>
<td>41” (104cm)</td>
<td>4.8 lbs (2.2kg)</td>
<td>36” (91cm)</td>
<td>9” (2.7m)</td>
<td>Tube</td>
</tr>
<tr>
<td>Pro Stand Jr.</td>
<td>37” (94cm)</td>
<td>2.8 lbs (1.3kg)</td>
<td>27” (68cm)</td>
<td>9” (2.7m)</td>
<td>Bar</td>
</tr>
<tr>
<td>Pro Pole</td>
<td>N/A</td>
<td>1.4 lbs (0.6kg)</td>
<td>34” (86cm)</td>
<td>5” (1.5m)</td>
<td>N/A</td>
</tr>
<tr>
<td>Pro Pole Jr.</td>
<td>N/A</td>
<td>1.0 lb (0.5kg)</td>
<td>18” (46cm)</td>
<td>2.5” (0.8m)</td>
<td>N/A</td>
</tr>
</tbody>
</table>
**LIGHT BOOMS & QUICKSTANDS**

**Standard Boom** (RD1200)
Perfect for general studio photography, large sets, portrait studios and applications with extremely low angles that other booms can’t handle. Its calibrated angle indicators on both the height adjustment and rotating head movements make it easy to repeat set-ups. The Standard Boom measures 9½’ overall, has a 6’ reach with its standard 18” head extension, and comes with two 12½ lbs. lead shot counterweight bags. Additional weights are available to support heavier lights weighing up to 25 lbs. For more reach, optional head extensions are available in lengths of 18, 24, 30 and 48”. Can be mounted to any cine light stand with a 1½” female mount.
Item # RERD1200 .............................................................. 419.95

**Compact Boom** (RD1100)
This boom is a favorite among location photographers, tabletop shooters and those with limited studio space. It features the same parallelogram design as the Standard Boom, but measures only 52” with a reach of 32” with its standard 12” head extension. It comes with one 15 lbs. lead shot counterweight bag, accepts optional head extensions of 18, 24, and 30” lengths, and mounts to any cine light stand with a 1½” female mount.
Item # RERD1100 ........................................................................ 329.95

**Quickstand** (RD1000)
The portable 3-section Quickstand is the only light stand that sets up automatically. Set it down and it stands by itself. Pick it up and it closes by itself. No knobs to twist, no levers to lock. Perfect for anyone shooting unassisted on location.
Item # RELS ............................................................................. 69.95

**Heavy-Duty Quickstand** (RD1020)
Item # RELSH ........................................................................... 129.95

**QUICKSTAND SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>Number of Sections</th>
<th>Weight</th>
<th>Collapsed Length</th>
<th>Extended Height</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quickstand - RD1000</td>
<td>3</td>
<td>42 oz. (1.2kg)</td>
<td>29” (72cm)</td>
<td>7’11” (2.4m)</td>
<td>7.75 lbs. (3.5kg)</td>
</tr>
<tr>
<td>Heavy Duty Quickstand - RD1020</td>
<td>3</td>
<td>7.5 lbs. (3.5kg)</td>
<td>42” (108cm)</td>
<td>12’8” (3.9m)</td>
<td>15 lbs. (6.8kg)</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Accessory Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>18” Extension</td>
<td>RD1219</td>
<td>59.95</td>
</tr>
<tr>
<td>24” Extension</td>
<td>RD1218</td>
<td>59.95</td>
</tr>
<tr>
<td>30” Extension</td>
<td>RD1217</td>
<td>69.95</td>
</tr>
<tr>
<td>48” Extension</td>
<td>RD1216</td>
<td>84.95</td>
</tr>
<tr>
<td>Light Mount Stud</td>
<td>RD1272</td>
<td>14.50</td>
</tr>
<tr>
<td>15-lb. Weight Bag</td>
<td>RD1290</td>
<td>19.50</td>
</tr>
<tr>
<td>20-lb. Empty Weight Bag</td>
<td>RD1285</td>
<td>16.95</td>
</tr>
<tr>
<td>Thumb Screws (Pack of 4)</td>
<td>RD1330</td>
<td>4.95</td>
</tr>
</tbody>
</table>

**LIGHTING TIP**
To create a halo effect, place a strong light behind and below your subject.
Cable Wrap Straps
Here’s a simple solution for keeping your cables and cords organized. The 1” (2.5cm) wide Cable Wrap Strap includes a cinching buckle for holding a cable secure and an attached loop for hanging the bundle on light stand knobs, hooks or nails.

12” (30cm) Cable Wrap (RD1080)
Pack of 4. Handles bundles from 2 to 4” (5 to 10cm) diameter. Package of 4.
Item # RECW12 ............. 17.50

20” (51cm) Cable Wrap (RD1085)
Pack of 4. Handles bundles from 3 to 6” (8 to 15cm) diameter. Package of 4.
Item # RECW20 ............. 18.95

Changing Bag (RD1700)
This self-contained structure sets up in seconds. Its unique internal four-ring frame allows your hands and arms to work freely. The reflective silver exterior keeps heat out while the black interior creates a lightproof workspace that is safe for all film. A double-light baffle and zips guarantee that light stays outside. Sleeves are conveniently positioned for easy access and feature a double-elastic closure to ensure that no light can leak inside. When you’re finished, the changing room can be collapsed and stored in its own convenient carrying pouch.
Weight: 3.5 oz. (99.2g) Dimensions (folded): 16x21” (41x54cm)
Item # REDR ........................................... 53.95

Quick Straps
These all-purpose straps are perfect for the studio and on location. This unique, high-quality, fastener material adheres to itself to wrap cords and cables or can be attached to the end of a cable for convenient reuse. A smart alternative to tape!

1x8” (2.5x20cm) (RD1050)
6-Pack (Black)
Item # REQS18B ............. 5.50

1x8” (2.5x20cm) (RD1060)
12-Pack (Multicolor)
Item # REQS18C ............. 16.95

1x12” (2.5x30cm) (RD1055)
6-Pack (Black)
Item # REQS112B ............. 9.95

1x12” (2.5x30cm) (RD1065)
12-Pack (Multicolor)
Item # REQS112C ............. 15.95

Studio Wall Organizer (RD1500)
This multifaceted equipment organizer will help you out as much in the studio as it will on location. Use it to store your light stands, umbrellas, soft boxes, cables, clamps, even your tripod. Constructed of tough Cordura, the Studio Organizer features six pockets 29” (74cm) deep, four pockets 17” (43cm) deep, seven pockets 14” (36cm) deep and seven pockets 8” (20cm) deep. That’s 24 pockets in all! A support rod sleeve is provided to suspend the Studio Organizer. Equipment is protected from dust and inclement weather by a full-sized overflap that ties down securely in place. When traveling, the Studio Organizer can be rolled up and secured in that configuration with three 2” (5cm) wide webbing straps with locking buckles. Whether you spend your life in the studio or on the road, the Studio Organizer is an accessory you will find hard to live without.
Item # RESW ............. 94.95

Cocoon
The Cocoon is an egg-shaped plastic cove made up of four translucent diffusion panels that are fastened with zippers for easy assembly and storage. It features three photo portholes so you can shoot your product from overhead, at a 45° angle or horizontally. Unlike perfectly even softboxes, the Cocoon eliminates the “blooming” of digital highlights and can be lit with sunlight, full-spectrum fluorescent, HMI or flash. It is specifically designed for the angle of view and focus needed by a 55-60mm macro lens on a 35mm camera or equivalent. To change background colors, simply unzip the Cocoon and insert a paper backdrop cut to size. The Cocoon offers a simple and effective lighting solution — even for the most challenging subjects.

Cocoon 40 Small (RD1590)
For objects up to 5x7” (12x18cm)
Dimensions: 9½ x 12 x 15”
WHD (24x30.5x38cm)
Item # RECS .................. 59.95

Cocoon 70 Medium (RD1600)
For objects up to 9x12” (23x30cm)
Dimensions: 17 x 20 x 27”
WHD (43x50x70cm)
Item # RECM .................. 99.95

Cocoon 130 Large (RD1605)
For objects up to 16x22” (40x55cm)
Dimensions: 34 x 40 x 54”
WHD (86x100x140cm)
Item # RECL .................. 189.95

Cocoon 80S (Fabric) (RD1608)
Dimensions: 31 x 24 x 23”
(80 x 61 x 58cm).
Item # RECXL .................. 139.95

STANDS & MOUNTS
Section 10
Accessories - Light Controls

Avenger/Manfrotto ............... 620-623
Chimera .......................... 624-643
Delta .............................. 644-646
Flexfill ............................ 647
Impact ............................. 647
Lastolite .......................... 648-651
Matthews Studio Equipment .. 652-670
Photek ............................. 671-672
Photoflex .......................... 673-682
Plume .............................. 683-685
Red Wing .......................... 686-689
Rosco .............................. 690-710
SP Studio Systems ............... 711
Westcott ........................... 712-718
FRAMES

**Foldaway Frames by Cardellini**

Designed by key grip, Steve Cardellini, this unique overhead frame allows rapid foldout and set-up, ready to mount on stands in seconds! Precisely engineered, the hinged connection points will easily fold to get the frame from set-to-set or through doorways without having to remove the fabric.

- Foldaway Frame 6 x 6’ (H2006)  Item # AVH 2006 .................399.95
- Foldaway Frame 8 x 8’ (H2008)  Item # AVH 2008 .................429.95
- Foldaway Frame 12 x 12’ (H2012) Item # AVH 2012 ..............499.95

**Compact Foldaway Frames by Cardellini**

A new addition to this family is the Compact FoldAway. Available in the 8x8 and 12x12 version, the Compact FoldAway 8x8 frame collapses to a 4’ length and the 12x12 will collapse to 6’! This is ideal for the mini-van grip truck, or any shooter with limited storage space.

- Compact Foldaway Frame 8 x 8’ (H2508)  Item # AVH 2508 ............593.50
- Compact Foldaway Frame 12 x 12’ (H2512) Item # AVH 2512 ...........629.95

**Lightweight Frames**

The Deluxe Fast-Loc Frame kit is lightweight and quick to set up. The square aluminum tubes slide and lock together to provide a strong frame which supports lighting control textiles of 4x4’ & 6x6’ size.

- 4’ x 4’ Lightweight Frame (H440)  Item # AVH 440 ................219.95
- 6’ x 6’ Lightweight Frame (H660)  Item # AVH 660 ...............264.95

**Modular Frames**

Heavy duty 1” square section tube slots and pin lock together, rapidly providing a stable frame for lighting control textiles. By reducing or adding tubes you can create any combination size frames.

- 20’ x 20’ Modular Butterfly Frame (H2000M)  Item # AVH 2000M ....799.95
- 8’ x 8’ Modular Frame (H800M) Includes: H800M Corners and H800M Tubes.  Item # AVH 800M ...........379.95
- 12’ x 12’ Modular Frame (H1200M) Includes: H1200M Corners and H1200M Tubes.  Item # AVH 1200M ............499.95

**D.I.Y. Butterfly Pipe Corner Kit**

These two different kits, which contain corners and supports, give you the possibility of making frames in the dimensions you like, using standard aluminum pipes.

- Butterfly Pipe Corner Kit for 1½” Pipe (H9000)  Item # AVH 9000 ..........209.95
- Butterfly Pipe Kit for 1¼” Pipe (H9500)  Item # AVH 9500 ..........199.95

**Insert Tube Connection**

**Modular Frames Extension Kits**

- Extension Kit from 4’ x 4’ to 6’ x 6’ (H406EXT)  Item # AVH 406EXT .......129.95
- Extension Kit from 8’ x 8’ to 12’ x 12’ (H812EXT)  Item # AVH 812EXT ......164.95
- Extension Kit from 4’ x 4’ to 8’ x 8’ (H408EXT)  Item # AVH 408EXT ......136.95
- Extension Kit from 12’ x 12’ to 20’ x 20’ (H1220EXT)  Item # AVH 1220EXT ......469.95
- Conversion Kit from 20’ x 20’, 12’ x 12’ and 8’ x 8’ to 6’ x 6’ (H606EXT)  Item # AVH 806EXT ..........114.95

**Compact Foldaway**

Designed by key grip, Steve Cardellini, this unique overhead frame allows rapid foldout and set-up, ready to mount on stands in seconds! Precisely engineered, the hinged connection points will easily fold to get the frame from set-to-set or through doorways without having to remove the fabric.

- Foldaway Frame 6 x 6’ (H2006)  Item # AVH 2006 .................399.95
- Foldaway Frame 8 x 8’ (H2008)  Item # AVH 2008 .................429.95
- Foldaway Frame 12 x 12’ (H2012) Item # AVH 2012 ..............499.95

**Foldaway Frame 6 x 6’**

Item # AVH 2006 .................399.95

**Foldaway Frame 8 x 8’**

Item # AVH 2008 .................429.95

**Foldaway Frame 12 x 12’**

Item # AVH 2012 ..............499.95

**Frame Bag (optional extra)** (H6BAG)  Item # AVH 6B ..........84.95

**D.I.Y. Butterfly Pipe Corner Kit**

These two different kits, which contain corners and supports, give you the possibility of making frames in the dimensions you like, using standard aluminum pipes.

- Butterfly Pipe Corner Kit for 1½” Pipe (H9000)  Item # AVH 9000 ..........209.95
- Butterfly Pipe Kit for 1¼” Pipe (H9500)  Item # AVH 9500 ..........199.95

**Insert Tube Connection**

**Modular Frames Extension Kits**

- Extension Kit from 4’ x 4’ to 6’ x 6’ (H406EXT)  Item # AVH 406EXT .......129.95
- Extension Kit from 8’ x 8’ to 12’ x 12’ (H812EXT)  Item # AVH 812EXT ......164.95
- Extension Kit from 4’ x 4’ to 8’ x 8’ (H408EXT)  Item # AVH 408EXT ......136.95
- Extension Kit from 12’ x 12’ to 20’ x 20’ (H1220EXT)  Item # AVH 1220EXT ......469.95
- Conversion Kit from 20’ x 20’, 12’ x 12’ and 8’ x 8’ to 6’ x 6’ (H606EXT)  Item # AVH 806EXT ..........114.95

**Frame Bag (optional extra)** (H6BAG)  Item # AVH 6B ..........84.95

www.bhphotovideo.com
**SCRIMS AND FLAGS**

Made of steel spring tube combined with unique fabrics, scrims and flags are light and strong and cut or soften light with great effects. To achieve the ideal positioning performance, Avenger provides a complete grip head system.

### 12' x 18'

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**ORDER & INFORMATION**

Phone: (212) 444-6641 • Fax: (212) 239-7770 (800) 947-7008

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AVENGER/ MANFROTTO
DOTS AND FINGERS

COLLAPSIBLE SCRIMS AND FLAGS

12” x 18” - Single Scrim (AVI905S) Item # AVI905S .......... 14.95
12” x 18” - Double Scrim (AVI906S) Item # AVI906S .......... 19.95
12” x 18” - Silk (AVI905K) Item # AVI905K .......... 16.95
12” x 18” - Solid Black (AVI906B) Item # AVI906B .......... 16.95
12” x 18” Kit (AVI905KIT) Item # AVI905KIT .......... 89.95
12” x 18” - Frame Only (AVI905D) Item # AVI905D .......... 24.95
18” x 24” - Single Scrim (AVI660S) Item # AVI660S .......... 23.95
18” x 24” - Double Scrim (AVI660D) Item # AVI660D .......... 33.95
18” x 24” - Silk (AVI660K) Item # AVI660K .......... 22.50
18” x 24” - Solid Black (AVI660B) Item # AVI660B .......... 27.50
18” x 24” Kit (AVI660KIT) Item # AVI660KIT .......... 154.95
18” x 24” - Frame Only (AVI660D) Item # AVI660D .......... 27.95
24” x 36” - Single Scrim (AVI760S) Item # AVI760S .......... 33.95
24” x 36” - Double Scrim (AVI760D) Item # AVI760D .......... 33.50
24” x 36” - Silk (AVI760K) Item # AVI760K .......... 27.50
24” x 36” - Solid Black (AVI760B) Item # AVI760B .......... 39.95
24” x 36” - Frame Only (AVI760D) Item # AVI760D .......... 29.95

DOTS AND FINGERS

3’ Dot - Single Scrim (AVI100S) Item # AVI100S .......... 16.95
3’ Dot - Double Scrim (AVI100D) Item # AVI100D .......... 14.95
3’ Dot - Silk (AVI100K) Item # AVI100K .......... 14.95
3’ Dot - Solid Black (AVI100B) Item # AVI100B .......... 14.95
6’ Dot - Single Scrim (AVI200S) Item # AVI200S .......... 14.95
6’ Dot - Double Scrim (AVI200D) Item # AVI200D .......... 14.95
6’ Dot - Silk (AVI200K) Item # AVI200K .......... 14.95
6’ Dot - Solid Black (AVI200B) Item # AVI200B .......... 14.95
10’ Dot - Single Scrim (AVI300S) Item # AVI300S .......... 14.95
10’ Dot - Double Scrim (AVI300D) Item # AVI300D .......... 14.95
10’ Dot - Silk (AVI300K) Item # AVI300K .......... 14.95
10’ Dot - Solid Black (AVI300B) Item # AVI300B .......... 14.95

BUTTERFLY TEXTILES 4’ x 4’

Black Commando (Solid) (AVI905BL) Item # AVI905BL .......... 89.95
Black Single (AVI905BS) Item # AVI905BS .......... 79.95
Black Double (AVI905BD) Item # AVI905BD .......... 99.95
White Single (AVI905WS) Item # AVI905WS .......... 104.95
White Double (AVI905WD) Item # AVI905WD .......... 99.95
Grifolyn Black (AVI905GB) Item # AVI905GB .......... 79.95
Grifolyn Black/White (AVI905GBW) Item # AVI905GBW .......... 79.95
Grifolyn White (AVI905GW) Item # AVI905GW .......... 79.95
Silk (Artificial) (AVI905K) Item # AVI905K .......... 74.95
Silk 1/4 Stop (AVI905K4) Item # AVI905K4 .......... 64.95
Soft Diffuser (AVI905SD) Item # AVI905SD .......... 79.95
Soft Diffuser Light (AVI905SDL) Item # AVI905SDL .......... 114.95
White Black (AVI905WB) Item # AVI905WB .......... 74.95
Silver/White (AVI905SW) Item # AVI905SW .......... 104.95
White/Gold (AVI905WG) Item # AVI905WG .......... 104.95
Muslin Bleached (AVI905MB) Item # AVI905MB .......... 79.95
Muslin Unbleached (AVI905MU) Item # AVI905MU .......... 79.95
Cromakey Blue (AVI905CKB) Item # AVI905CKB .......... 109.95
Cromakey Green (AVI905CKG) Item # AVI905CKG .......... 109.95

Kits include:
2 Frames, 4 Covers, 1 Bag.

Frames and Bags Hold Covers.
### AVENGER/MANFROTTO

#### BUTTERFLY TEXTILES

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<td>White/Gold</td>
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<td>Cromakey Green</td>
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ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
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B & H PHOTO • VIDEO • PRO AUDIO

623
The Micro Bank Lightbanks are designed for the film and video industry to produce high quality illumination for “interview format” shoots. Their 5” x 7” size and choice of diffusion screens makes them ideal for lighting people up close and creating great “catch light” in the subjects’ eyes.

### Micro Bank Kits*

<table>
<thead>
<tr>
<th>Bank</th>
<th>Manufacturer/Model</th>
<th>Item #</th>
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<td>Micro Bank for Cool-Lux U3 1315</td>
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<td>Micro Bank for Cool-Lux Mini-Cool 1325</td>
<td>Item # CHMLBCLMC</td>
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<td>Micro Bank for Dedolight 1355</td>
<td>Item # CHMLBDLQ</td>
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<td>Micro Bank for LTM Pepper 100 1355</td>
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<td>Micro Bank for Frezzolini – Mini-Fill 1320</td>
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<td>Micro Bank for Kolbold TL-100 1360</td>
<td>Item # CHMLBKT100</td>
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### Video Pro “Plus” Banks

The Video Pro family which includes the “strips” and the regular banks are great for softening bare bulb or open-faced instruments and Par lights of up to 1200 watts. They exhibit the ultimate flexibility because they have removable front screens. The screens are supplied in three different densities to match your diffusion requirements.

<table>
<thead>
<tr>
<th>Bank</th>
<th>Model</th>
<th>Front Dimensions</th>
<th>Depth</th>
<th>Maximum Wattage</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>XX-Small 8105</td>
<td>12” x 16” (30x40cm)</td>
<td>10” (25cm)</td>
<td>500</td>
<td>Item # CHVPPBXXS</td>
<td>146.95</td>
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<tr>
<td>X-Small 8115</td>
<td>16” x 22” (40x55cm)</td>
<td>12” (30cm)</td>
<td>750</td>
<td>Item # CHVPPBXS</td>
<td>198.95</td>
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<tr>
<td>Small 8125</td>
<td>24” x 32” (60x80cm)</td>
<td>18” (46cm)</td>
<td>1000</td>
<td>Item # CHVPPB5</td>
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<tr>
<td>Medium 8135</td>
<td>36” x 48” (90x120cm)</td>
<td>24” (60cm)</td>
<td>1000</td>
<td>Item # CHVPPBM</td>
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<tr>
<td>Large 8145</td>
<td>54” x 72” (135x180cm)</td>
<td>30” (76cm)</td>
<td>1000</td>
<td>Item # CHVPPBLS</td>
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### Plus One Lightbanks

The “Plus One” banks have replaced the Pro banks, maintaining all the same features but now have the flexibility of a removable front screen. The difference in the Plus banks and the “Plus One” banks is that the new “Plus One” banks only come with the one front screen as opposed to the 3 screens with the plus banks. Additional screens of lighter densities for the “Plus One” banks are available separately.

<table>
<thead>
<tr>
<th>Bank</th>
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<th>Price</th>
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<td>Micro Bank for Lowel Pro-Light, i-Light, L-Light 1335</td>
<td>Item # CHMLLIL</td>
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<tr>
<td>Micro Bank for Mole Richardson Tiny 200 1355</td>
<td>Item # CHMLBMT200Q</td>
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<tr>
<td>Micro Bank for NRG Versalight 1345</td>
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<td>Micro Bank for NRG Varilight/Versalight Pro 1350</td>
<td>Item # CHMLBNVQ</td>
<td>163.95</td>
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<tr>
<td>Micro Bank for Paglight ML 1315</td>
<td>Item # CHMLBPML</td>
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<tr>
<td>Micro Bank for Sachtler Reporter 50H 1340</td>
<td>Item # CHMLBSR50H</td>
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<tr>
<td>Micro Bank for Sachtler Reporter 21D 1355</td>
<td>Item # CHMLBDLQ</td>
<td>163.95</td>
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</table>
Quartz Banks are designed for PAR and other open-faced lights, both HMI and tungsten. They are constructed of ultra heat-resistant materials and incorporate strategically located vents to allow the use of lights from 1200-10,000 watts of output. These lightbanks will accommodate the circular speed rings in sizes from 9” to 21.5”. You can combine up to 4 Lowel DPs or 3 Totas. You can even use Video PRO speed rings and the Quartz-to-Video Pro adapter rods (#4099) to allow the use of smaller wattage lights.

**QUARTZ “PLUS”**

**Small**
- Front Dimensions: 24” x 32” (60x80cm)
- Depth: 22” (56cm)
- Maximum Wattage: 4000
- Item # CHQPBS......489.95

**Medium**
- Front Dimensions: 36” x 48” (90x120cm)
- Depth: 29” (74cm)
- Maximum Wattage: 6000
- Item # CHQPBM ......598.95

**Large**
- Front Dimensions: 54” x 72” (135x180cm)
- Depth: 38” (97cm)
- Maximum Wattage: 10,000
- Item # CHQPBL.........964.95

**QUARTZ “PLUS ONE”**

**Small**
- Front Dimensions: 24” x 32” (60x80cm)
- Depth: 22” (56cm)
- Maximum Wattage: 4000
- Item # CHQ1PBS......429.95

**Medium**
- Front Dimensions: 36” x 48” (90x120cm)
- Depth: 29” (74cm)
- Maximum Wattage: 6000
- Item # CHQ1BM .......527.95

**Large**
- Front Dimensions: 54” x 72” (135x180cm)
- Depth: 38” (97cm)
- Maximum Wattage: 10,000
- Item # CHQ1BL .........847.95

The Daylite Junior Plus Banks are primarily intended for use with smaller, narrow-beam instruments, such as Fresnel or PAR lenses of up to 1000 watts. They are slightly deeper than the Video PRO’s and allow the light from a Fresnel to more evenly cover the front screen for optimal efficiency.

**DAYLITE JUNIOR BANKS**

**XX-Small**
- Front Dimensions: 12” x 16” (30x40cm)
- Depth: 15” (38cm)
- Maximum Wattage: 500
- Item # CHDLJPBXXS ......157.95

**X-Small**
- Front Dimensions: 16” x 22” (40x55cm)
- Depth: 18” (46cm)
- Maximum Wattage: 750
- Item # CHDLJPBXS ......209.95

**Small**
- Front Dimensions: 24” x 32” (60x80cm)
- Depth: 27” (61cm)
- Maximum Wattage: 1000
- Item # CHDLJPS ......309.95

**Medium**
- Front Dimensions: 36” x 48” (90x120cm)
- Depth: 36” (91cm)
- Maximum Wattage: 1000
- Item # CHDLJPM ......484.95

**DAYLITE JUNIOR “PLUS ONE”**

**XX-Small**
- Front Dimensions: 12” x 16” (30x40cm)
- Depth: 15” (38cm)
- Maximum Wattage: 500
- Item # CHDLJP1XXS ......139.95

**X-Small**
- Front Dimensions: 16” x 22” (40x55cm)
- Depth: 18” (46cm)
- Maximum Wattage: 750
- Item # CHDLJP1XS ......184.95

**Small**
- Front Dimensions: 24” x 32” (60x80cm)
- Depth: 27” (61cm)
- Maximum Wattage: 1000
- Item # CHDLJP1S ......264.95

**Medium**
- Front Dimensions: 36” x 48” (90x120cm)
- Depth: 36” (91cm)
- Maximum Wattage: 1000
- Item # CHDLJP1M ......426.50
The Daylite Senior is a Lightbank dedicated to big light sources and big lighting situations. It assembles with big (24” to 29”) circular speed rings which accommodate 12,000 to 24,000 watt lighting instruments. The Daylite Senior is available in one size. Just because it’s large doesn’t mean it’s cumbersome or otherwise lacking in lighting graces. It just produces large quantities of directional, controlled light, and keeps on doing it because it’s made of the same tough materials as its relatives.

**STANDARD LANTERNS**

20” Lantern (1880)
- Diameter: 20” (50cm)
- Depth: 16” (40cm)
- Max Wattage: 650
- Item # CHLLBS20 ............ 169.95

2-Panel Skirt for 20” Lantern (1882)
- Item # CHSL20 ............ 24.95

30” Lantern (1885)
- Diameter: 30” (76cm)
- Depth: 26” (66cm)
- Max Wattage: 1000
- Item # CHLLBS30 ............ 224.95

2-Panel Skirt for 30” Lantern (1887)
- Item # CHSL30 ............ 34.95

**PANCAKE LANTERNS**

Small - Complete (1860)
- Diameter: 21” (51cm)
- Width: 15” (38cm)
- Depth: 12” (30cm)
- Max Wattage: 400
- Item # CHLPLBS ............ 269.95

4-Panel Skirt for Small Pancake Lantern (1862)
- Item # CHSLPBLB ............ 108.95

Medium - Complete (1865)
- Diameter: 35” (89cm)
- Width: 24.5” (62cm)
- Depth: 17” (43cm)
- Max Wattage: 1500
- Item # CHLPLBSM ............ 317.95

4-Panel Skirt for Medium Pancake Lantern (1867)
- Item # CHSLPBLBM .......... 119.95

Large - Complete (1870)
- Diameter: 48” (122cm)
- Width: 34” (86cm)
- Depth: 19” (48cm)
- Max Wattage: 2000
- Item # CHLPLBSL ............ 498.95

4-Panel Skirt for Large Pancake Lantern (1872)
- Item # CHSLPBLB .......... 184.95

**LANTERNS**

Lanterns have always been popular for their ability to light round-table interviews with a single source. They also are fantastic for filling interior shooting spaces (architectural environments to airplane fuselages) with soft, ambient light. The Pancake Lantern (the latest creation) is already making waves in Hollywood. This “flat” Lantern, with its innovative, removable, zipper-panel skirt, offers great possibilities for fine-tuning light fall-off. Lanterns assemble using strobe or Video Pro Speed Rings, and work best with bare bulb lights.

**DAYLITE BANKS**

Daylite Banks are the brawny big brothers to the Quartz Banks. They can take heat from Fresnels up to 10,000W. The deeper design produces a fuller screen for narrower beam light sources.

**DAYLITE “PLUS”**

Small - Silver (8625)
- Front Dimensions: 24” x 32” (60x80cm)
- Depth: 29” (74cm)
- Max Wattage: 400
- Item # CHDLPS ............ 489.95

Medium (8635)
- Front Dimensions: 36” x 48” (90x120cm)
- Depth: 40” (102cm)
- Max Wattage: 600
- Item # CHDLPSM .......... 758.95

Large (8645)
- Front Dimensions: 54” x 72” (135x180cm)
- Depth: 48” (122cm)
- Max Wattage: 10,000
- Item # CHDLPSL ............ 1164.95

**DAYLITE “PLUS ONE”**

Small - Silver (8624)
- Front Dimensions: 24” x 32” (60x80cm)
- Depth: 29” (74cm)
- Max Wattage: 4000
- Item # CHDLPS1 ........... 429.95

Medium (8634)
- Front Dimensions: 36” x 48” (90x120cm)
- Depth: 40” (102cm)
- Max Wattage: 6000
- Item # CHDLPS1M .......... 684.95

Large (8644)
- Front Dimensions: 54” x 72” (135x180cm)
- Depth: 48” (122cm)
- Max Wattage: 10,000
- Item # CHDLPS1L ........... 1049.95

**DAYLITE SENIOR BANKS**

The Daylite Senior is a Lightbank dedicated to big light sources and big lighting situations. It assembles with big (24” to 29”) circular speed rings which accommodate 12,000 to 24,000 watt lighting instruments. The Daylite Senior is available in one size. Just because it’s large doesn’t mean it’s cumbersome or otherwise lacking in lighting graces. It just produces large quantities of directional, controlled light, and keeps on doing it because it’s made of the same tough materials as its relatives.

**DAYLITE SENIOR “PLUS”**

Large (8745)
- Front Dimensions: 54” x 72” (135x180cm)
- Depth: 50” (127cm)
- Maximum Wattage: 10,000
- Item # CHDLSPBL ........... 1254.95

**DAYLITE SENIOR “PLUS ONE”**

Large (8744)
- Front Dimensions: 54” x 72” (135x180cm)
- Depth: 50” (127cm)
- Maximum Wattage: 24,000
- Item # CHDLSPBL ........... 1254.95
In studio or on location, the F2 Bank provides you with broad, clean, continuous specular highlights. The Lightbanks' inner frames are constructed of 6061-T6 aluminum tubing, and the entire weight of a 10x30' (3.0x9.1m) bank is only 200 pounds (91kg.) Two frame types are available. The "Modular F2" frame is composed of 3' wide x 10' long truss sections which are designed to guarantee fast, efficient set-ups and a very rigid structure. If smaller size or super portability is the issue, select the it-fits-in-a-duffle "Component F2" frame composed of tubes and Allen wrench adjusted polycarbonate joints. The soft silver reflective lining of the Lightbank skin makes the F2 Bank an extremely efficient light source. Lights, preferably bare-tube strobe, bare-bulb HMI, or wide beam open faced tungsten or HMI sources, mount on 5/8" baby pins in every 5 foot square area. Center suspend your F2 or support it with a roller stand at each corner. F2 sizes range from 5x10 to 15x40 feet (1.5x3 to 4.5x12 meters).

**COMPONENT F2** (1.5” Diameter Tubing & Polycarbonate Joints)

<table>
<thead>
<tr>
<th>Description</th>
<th>Model Number</th>
<th>Size</th>
<th>Depth</th>
<th>Weight</th>
<th>Light Mounts</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F2 Bank</td>
<td>CHF2B510</td>
<td>5' x 10'</td>
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<td>F2 Bank</td>
<td>CHF2B1020</td>
<td>10' x 20'</td>
<td>3'</td>
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<td>F2 Bank</td>
<td>CHF2B1030</td>
<td>10' x 30'</td>
<td>3'</td>
<td>200 lbs.</td>
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**MODULAR F2** (1.75” Diameter Tubing Welded In 33” x 128” Sections)

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<th>Size</th>
<th>Depth</th>
<th>Weight</th>
<th>Light Mounts</th>
<th>Price</th>
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<td>F2 Bank</td>
<td>CHF2M1020</td>
<td>10' x 20'</td>
<td>3'</td>
<td>150 lbs.</td>
<td>8</td>
<td>$8999.95</td>
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<tr>
<td>F2 Bank</td>
<td>CHF2M1030</td>
<td>10' x 30'</td>
<td>3'</td>
<td>200 lbs.</td>
<td>12</td>
<td>$11699.95</td>
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**ACCESSORIES/ REPLACEMENT PARTS**

<table>
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<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Baffle 5'</td>
<td>CHB510F2</td>
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<tr>
<td>Baffle 10'</td>
<td>CHB1030F2</td>
<td>$539.95</td>
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<tr>
<td>5' Suspension Bar</td>
<td>CHCSB5F2</td>
<td>$278.95</td>
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<tr>
<td>Baffle 10'</td>
<td>CHB130F2</td>
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<td>10' Suspension Bar</td>
<td>CHCSB10F2</td>
<td>$323.95</td>
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<td>Duffle 13'</td>
<td>CHDF2</td>
<td>$197.95</td>
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<tr>
<td>Baffle 15'</td>
<td>CHB1530F2</td>
<td>$15929.95</td>
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<tr>
<td>Baffle 15'</td>
<td>CHB1540F2</td>
<td>$20699.95</td>
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<tr>
<td>Vent Cover</td>
<td>CHVCF2</td>
<td>$29.95</td>
</tr>
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</table>
The various models of lightbanks designed for strobe offer different features, but all are constructed from the same custom materials. The full-feature Super PRO Bank has a recessed screen and large cowl rear opening. The cleanest of all, PRO II, has a flush screen and a small rear opening, and can accept either one or two strobes at a time. These fixed-screen models - Chimera's standard Lightbanks, and always the classics - are ready to go immediately. The standard Super PRO Bank's counterpart, the Super PRO Plus, has a removable front screen and a choice of front screen diffusion fabrics. The Chimera Cloth Plus Screen is supplied with the lightbank.

Other lightbank models for strobe include the Mini and Maxi, which are tailored for use with portable strobes, and the omni directional Chimera Lanterns.

**Super Pro Plus Banks**

- **XX-Small - Silver Interior** (1005)
  - Size: 12” x 16” (30x40cm)
  - Depth: 10” (25cm)
  - Item # CHSPPBXXSS ......... 94.95

- **XX-Small - White Interior** (1105)
  - Size: 12” x 16” (30x40cm)
  - Depth: 10” (25cm)
  - Item # CHSPPBXXSW ......... 94.95

- **X-Small - Silver Interior** (1015)
  - Size: 16” x 22” (40x55cm)
  - Depth: 12” (30cm)
  - Item # CHSPPBXSS ......... 118.95

- **X-Small - White Interior** (1115)
  - Size: 16” x 22” (40x55cm)
  - Depth: 12” (30cm)
  - Item # CHSPPBXSW ......... 118.95

- **Small - Silver Interior** (1025)
  - Size: 24” x 32” (60x80cm)
  - Depth: 18” (45cm)
  - Item # CHSPPBSS ......... 184.95

- **Small - White Interior** (1125)
  - Size: 24” x 32” (60x80cm)
  - Depth: 18” (45cm)
  - Item # CHSPPBSW ......... 184.95

- **Medium - Silver Interior** (1035)
  - Size: 36” x 48” (90x120cm)
  - Depth: 24” (60cm)
  - Item # CHSPPBMS ....... 269.95

- **Medium - White Interior** (1135)
  - Size: 36” x 48” (90x120cm)
  - Depth: 24” (60cm)
  - Item # CHSPPBMW ....... 269.95

- **Large - Silver Interior** (1045)
  - Size: 54” x 72” (135x180cm)
  - Depth: 30” (75cm)
  - Item # CHSPPBLS ....... 439.95

- **Large - White Interior** (1145)
  - Size: 54” x 72” (135x180cm)
  - Depth: 30” (75cm)
  - Item # CHSPPBLW ....... 439.95

**Super Pro Plus Strip Banks**

- **X-Small Strip - Silver Interior** (1055)
  - Size: 9” x 36” (20x90cm)
  - Depth: 16” (40cm)
  - Item # CHSPPSBS5 ....... 159.95

- **Small Strip - White Interior** (1155)
  - Size: 9” x 36” (20x90cm)
  - Depth: 16” (40cm)
  - Item # CHSPPSBSW ....... 159.95

- **Medium Strip - Silver Interior** (1065)
  - Size: 14” x 56” (35x140cm)
  - Depth: 22” (55cm)
  - Item # CHSPPSBM5 ....... 245.00

- **Medium Strip - White Interior** (1165)
  - Size: 14” x 56” (35x140cm)
  - Depth: 22” (55cm)
  - Item # CHSPPSBW5 ....... 245.00

- **Large Strip - Silver Interior** (1075)
  - Size: 21” x 84” (50x210cm)
  - Depth: 29” (75cm)
  - Item # CHSPPSBSL5 ....... 409.95

- **Large Strip - White Interior** (1175)
  - Size: 21” x 84” (50x210cm)
  - Depth: 29” (75cm)
  - Item # CHSPPSBWL5 ....... 409.95
These Lightbanks are a new product addition. As the name implies, these Lightbanks do not share the same parabolic curve dimension as other Chimera banks and are about 30% thinner - front to back - so they can be used in smaller shooting spaces. They are constructed with vents for hot light applications (for use with bare bulb instruments up to 1200 watts) and without vents for still photography lighting applications. As always, the “Plus” designation indicates that the front screens are removable and interchangeable. Interiors are the same “soft” silver.

**Super Pro Plus Shallow Lightbanks**

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<tr>
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*Supplied with 3 screens

**Video**

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**Strobe**

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*Supplied with 1 screen

**Pro II Lightbanks**

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**Mini/Maxi Lightbanks**

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<tr>
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<tr>
<td>Maxi Bank White Interior</td>
<td>CHMBWQ</td>
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Mini and Maxi Banks are designed for extra compatibility with portable strobes. You can mount the portable strobe/lightbank combination to a light stand using a Manfrotto adapter, or directly to the camera with the Chimera camera bracket.

Mini Bank Silver Interior | CHMBS | 59.95  |

Maxi Bank Silver Interior | CHMBWQ | 77.95  |

Mini Bank White Interior | CHMBW | 62.95  |
**COLOR CORRECTION — ORANGE (CTO)**

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<td>CHDS1B8OXS</td>
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<tr>
<td>CHDS50S</td>
<td>3/4 Orange - Small</td>
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**COLOR CORRECTION — BLUE (CTB)**

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**DIFFUSION — FOR VIDEO PRO PLUS AND SUPER PRO PLUS**

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### Diffusion — For Video Pro Plus and Super Pro Plus Strip Banks

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<td>CHDS.25GSSPP</td>
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### Diffusion — For Daylite Junior Plus

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### Diffusion — For Quartz Plus

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### Diffusion — For Daylite Plus

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### Diffusion — For Daylite Senior Plus

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DEDICATED SPEED RINGS

The center of the versatile Chimera lightbank system is the speed ring. Speed rings allow you to quickly and easily connect a lightbank to a standard lighting instrument. Dedicated speed rings are designed primarily for smaller, open-faced quartz instruments. These speed rings allow you to work with single or multiple sources within a lightbank, which enables you to change the intensity of your source instantly. Some of the larger dedicated speed rings are designed for use with up to four Lowel Tota lights, Omnis or DPs, four Arrilite 650/800/1000s, Mickey Moles or Hedler Videoluxes and the open faced Desisti Goyas. Small dedicated rings are designed for Lowel Lights, Redheads, the Sachtler and Kobold Reporters; the K5600, Briese and Profoto bare bulb HMI's; and for medium and mogul screw base lamps. No tools or additional light stands are needed. Dedicated speed rings that require their own light stand attachment are supplied with a stand adapter.

CIRCULAR SPEED RINGS

Designed for use with fresnels, HMI pars and some open-faced lights, circular speed rings allow you to quickly and easily mount a Chimera lightbank to the barn door holders of over 200 different lights. Circular rings are available in 37 standard sizes, between 3 and 29 inches (7.6 to 74cm). The sturdy aluminum spun and welded construction of these speed rings, combined with the lightweight stainless steel or aluminum flex-poles that support the lightbanks, guarantee quick set-ups and tear downs time after time. Circular speed rings are available for Arri, Mole-Richardson, LTM, Strand Quartz Color, Desisti, Cinemills, K5600, Sachtler, Dedolight and many other lighting instruments from 100 to 20,000 watts. (Always double-check circular speed ring selections by measuring the diameter between the barn door ears of your light and checking this against speed ring diameter).

ADJUSTABLE SPEED RINGS

With Chimera's adjustable speed rings, you can quickly and securely build any standard circular speed ring size from 5 to 21.5 inches (12 to 54.4cm). Adjustments can be performed with gloved hands, while the ring is hot if necessary, by backing off the large knurled knobs and positioning the “sliders” on the appropriate registration pins. Settings are accurate and repeatable. Rings can be pre-set and be ready to go before the shoot and will stay secure for the duration. Chimera adjustable speed rings are a must for the grip truck and for traveling cinematographers who will encounter unknown lighting instruments.
## SPEED RING PRICES

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## SPEED RING CHART

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### ARRI

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| 125 Compact HMI | 9640, 9640AL |
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| Arriann 2 Par 200 | 9670, 9670AL |
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## Chimera Speed Ring Chart

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| Old ArriLite 1200 | 9225 |
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| ArriLite 2K   | 9225             | 9005             |
| Studio 2K     | 9305             | 9905, 9915       |
| Compact 2500  | 9305             | 9905, 9915       |
| 2500 AD       | 9325             | 9905, 9915       |
| ArrriLite 40/25 2.5/4K | 9365 |
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| Par 1200      | 9185             | 9905             |
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| Quad Video-Lux 2K       | 9045             |                  |

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| Bambino 2K             | 9185             | 9905             |
| Fnlite 2K 8”           | 9225             | 9905             |
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| U.K. 2500              | 9265             | 9905, 9915       |
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| 6K/12K Par             | N/A              | 9925*            |
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*AL* indicates Aluminum

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**CHIMERA**

**ACCESSORIES**

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**SPEED RING SUPPORT**

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**BOBBINETTE SCRIMS**

The Bobbinette Scrim is an effective, lightweight tool for reducing light intensity without sacrificing softness. The scrims come in single and double strengths to reduce light by a half or full F-stop. There are sizes to fit each Chimera Lightbank and Pancake Lanterns, and the scrims are durable, flame retardant, and transport easily. “The Bobbinette makes it so simple to control light intensity without messing with the color temperature or using expensive dimmers,” says Eileen Healy, Sales Manager for Chimera.

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**For Any Inquiries Regarding Your Order, Call Our Customer Service:**

(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
Honeycomb Grids give you studio quality light control. These grids, designed by photographer inventor Dave Christensen, are constructed of expanded aluminum honeycomb and are painted black. Grid designations are 30, 60, and 90. Beam angles at 50% intensity are 25, 35 and 45°. The Honeycomb Grid 60 is the most commonly used. Because of the hard grid’s small hexagonal cell size and thin depth, the light cutoff is precise and the edge transfer is smooth and rapid. Available for Lightbank sizes extra small through medium.

**HONEYCOMB GRIDS**

The brainchild of photographer Stephen Pilby, soft grids are revolutionizing the light control options for location film crews, video crews and photographers. Collapsible, portable, and extremely lightweight, soft grids have no supporting frame of their own. These grids hook & loop to all four sides of the lightbank’s front recess area to provide a controlled beam spread. Once the job is complete, just detach, give an energetic diagonal snap to align the grid’s joints, and fold it down to near pocket-size. Ideal for travel and location work. All Plus lightbanks have this soft grid compatible hook & loop system, and non-Plus Super Pros and Video Pros can be retrofitted. Grid designations are 20, 30, 40, 50 and 60. Beam angles at 50% intensity are 20, 30, 40, 50, and 60°.
Barndoors attach to the Lightbank's speed stripes to help control flare in the lens. Barndoors are constructed of super stiff fabric and lightweight aluminum stays to allow adjustment of the angle. Barndoors are available in pairs for the Lightbank's short or long sides. Barndoors roll up and fit into sacks for storage and transporting.

**BARNDOORS**

<table>
<thead>
<tr>
<th>XX-Small - Long Side - 16˝ (41cm)</th>
<th>Small - Long Side - 32˝ (81cm)</th>
<th>Large - Long Side - 72˝ (183cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # CHBDXXS ..................</td>
<td>Item # CHBDXS ..................</td>
<td>Item # CHBDL ..................</td>
</tr>
<tr>
<td>..................................</td>
<td>43.95</td>
<td>156.95</td>
</tr>
<tr>
<td>XX-Small - Short Side - 12˝ (30cm)</td>
<td>Small - Short Side - 24˝ (61cm)</td>
<td>Large - Short Side - 54˝ (137cm)</td>
</tr>
<tr>
<td>Item # CHBDX5Q ..................</td>
<td>Item # CHBDXSQ ................</td>
<td>Item # CHBDLQ ................</td>
</tr>
<tr>
<td>..................................</td>
<td>34.95</td>
<td>132.95</td>
</tr>
<tr>
<td>X-Small - Long Side - 22˝ (56cm)</td>
<td>Medium - Long Side - 48˝ (122cm)</td>
<td>Medium Strip – Long Side (3220)</td>
</tr>
<tr>
<td>Item # CHBDXS ..................</td>
<td>Item # CHBDM ..................</td>
<td>Item # CHBDSL ................</td>
</tr>
<tr>
<td>..................................</td>
<td>52.50</td>
<td>163.95</td>
</tr>
<tr>
<td>X-Small - Short Side - 16˝ (41cm)</td>
<td>Medium - Short Side - 36˝ (91cm)</td>
<td>6 ´ x 6 ´ (1.8x1.8m) (5805)</td>
</tr>
<tr>
<td>Item # CHBDX5Q ..................</td>
<td>Item # CHBDMQ ..................</td>
<td>Item # CHF66 ..................</td>
</tr>
<tr>
<td>..................................</td>
<td>43.95</td>
<td>839.95</td>
</tr>
</tbody>
</table>

**OVERHEADS**

These rigid 1½” aluminum tube frames set up and tear down with the use of a simple Allen wrench system. Utilizing the same diffusion, reflective and scrim fabrics that are used with panels, these overhead frames are designed for bigger jobs. Two movable baby pin adapter fittings are provided with the 6 and 8 foot frames, four with the 12 foot frames for grip head attachment and century stand support. Breakdown lengths are 3 and 4 feet. Overheads are special order only.

**OVERHEAD FRAMES**

<table>
<thead>
<tr>
<th>6 ´ x 6 ´ (1.8x1.8m)</th>
<th>8 ´ x 8 ´ (2.4x2.4m)</th>
<th>12 ´ x 12 ´ (3.6x3.6m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # CHF66 ...........</td>
<td>Item # CHF88 ..........</td>
<td>Item # CHF1212 ...........</td>
</tr>
<tr>
<td>539.95</td>
<td>584.95</td>
<td>832.50</td>
</tr>
</tbody>
</table>

**OVERHEAD FABRICS 6 ´ x 6 ´ (1.8x1.8m)**

<table>
<thead>
<tr>
<th>Silver/Gold Fabric (5805)</th>
<th>Double Scrim Fabric (5809)</th>
<th>1/2 Grid Cloth (5802)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # CHF66SG ...........</td>
<td>Item # CHF66DS ...........</td>
<td>Item # CHF66.5GCD ....</td>
</tr>
<tr>
<td>204.95</td>
<td>188.95</td>
<td>113.95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single Scrim Fabric (5808)</th>
<th>Full Cloth (5801)</th>
<th>1/4 Grid Cloth (5803)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # CHF66SSQ ...........</td>
<td>Item # CHF66FD ...</td>
<td>Item # CHF66.25GCD ..</td>
</tr>
<tr>
<td>109.50</td>
<td>89.95</td>
<td>113.95</td>
</tr>
</tbody>
</table>

**OVERHEAD FABRICS 8 ´ x 8 ´ (2.4x2.4m)**

<table>
<thead>
<tr>
<th>Full cloth (5811)</th>
<th>White/Black Fabric (5814)</th>
<th>1/2 Grid Cloth (5812)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # CHF88FD ...</td>
<td>Item # CHF88WB ...........</td>
<td>Item # CHF88.5GCD ...</td>
</tr>
<tr>
<td>128.50</td>
<td>189.95</td>
<td>151.95</td>
</tr>
</tbody>
</table>

**OVERHEAD FABRICS 12 ´ x 12 ´ (3.6x3.6m)**

<table>
<thead>
<tr>
<th>Full cloth (5821)</th>
<th>White/Black Fabric (5824)</th>
<th>1/2 Grid Cloth (5822)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # CHF1212FD ..</td>
<td>Item # CHF1212WB ..........</td>
<td>Item # CHF1212.5GCD ..</td>
</tr>
<tr>
<td>202.50</td>
<td>269.95</td>
<td>202.50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Silver/Gold Fabric (5815)</th>
<th>Single Scrim Fabric (5819)</th>
<th>1/4 Grid Cloth (5823)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # CHF88SGR ...........</td>
<td>Item # CHF88DS ...........</td>
<td>Item # CHF1212.25GC ..</td>
</tr>
<tr>
<td>247.50</td>
<td>404.95</td>
<td>202.50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single Scrim Fabric (5828)</th>
<th>Double Scrim Fabric (5829)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # CHF1212.5SS ..........</td>
<td>Item # CHF1212DS ..........</td>
</tr>
<tr>
<td>382.50</td>
<td>652.50</td>
</tr>
</tbody>
</table>
Chimera engineers have produced a modern version of Dean Collins’ popular Lightform panels using 5/8” aluminum alloy tubing. These frames, which are compact and rigid enough to use outdoors, allow you to instantly create your choice of diffusion, nets and/or bounce fill in seconds without the use of tools. A specially designed pin-grip system on the frames allows you to set and lock the frames in place with a single standard 2½” grip head… with no slipping! The heavy-duty internal bungy cord keeps the frame segments together during storage and travel, and aids in super-fast setups. Chimera Panel sizes are: 42x42, 42x72, 48x48, 72x72 and the 24x24 inch Micro. The 42x42 inch frame is available in a compact, breakdown version for 24” cases. Choose from: Chimera's standard diffusion, 1/2 grid cloth, 1/4 grid cloth, white reflective/black, silver/gold and single & double nets.

**PANEL FRAMES**

<table>
<thead>
<tr>
<th>Frame Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>24”x24” Micro (61x61cm)</td>
<td>CHFP2424</td>
<td>78.95</td>
</tr>
<tr>
<td>42”x42” (107x107cm)</td>
<td>CHFP4242</td>
<td>104.95</td>
</tr>
<tr>
<td>24”x24” Compact (107x107cm)</td>
<td>CHFPC4242</td>
<td>119.95</td>
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**PANEL FABRICS — 24” x 24” (61x61cm) MICRO**

<table>
<thead>
<tr>
<th>Fabric Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Cloth</td>
<td>CHFPFC2424</td>
<td>78.95</td>
</tr>
<tr>
<td>1/2 Grid Cloth</td>
<td>CHFP.5G2424</td>
<td>89.95</td>
</tr>
<tr>
<td>1/4 Grid Cloth</td>
<td>CHFP.25G4224</td>
<td>89.95</td>
</tr>
<tr>
<td>White &amp; Black Fabric</td>
<td>CHFPWB2424</td>
<td>113.50</td>
</tr>
</tbody>
</table>

**PANEL FABRICS — 42” x 42” (107x107cm)**

<table>
<thead>
<tr>
<th>Fabric Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Cloth</td>
<td>CHFP4242</td>
<td>43.95</td>
</tr>
<tr>
<td>1/2 Grid Cloth</td>
<td>CHFP.5G4242</td>
<td>47.95</td>
</tr>
<tr>
<td>1/4 Grid Cloth</td>
<td>CHFP.25G4242</td>
<td>47.95</td>
</tr>
<tr>
<td>White &amp; Black Fabric</td>
<td>CHFPWB4242</td>
<td>59.95</td>
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</table>

**PANEL FABRICS — 42” x 72” (107x183cm)**

<table>
<thead>
<tr>
<th>Fabric Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Cloth</td>
<td>CHFPFC4272</td>
<td>64.95</td>
</tr>
<tr>
<td>1/2 Grid Cloth</td>
<td>CHFP.5G4272</td>
<td>69.95</td>
</tr>
<tr>
<td>1/4 Grid Cloth</td>
<td>CHFP.25G4272</td>
<td>69.95</td>
</tr>
<tr>
<td>White &amp; Black Fabric</td>
<td>CHFPWB4272</td>
<td>89.95</td>
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</tbody>
</table>

**PANEL FABRICS — 48” x 48” (122x122cm)**

<table>
<thead>
<tr>
<th>Fabric Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Cloth</td>
<td>CHFP4848</td>
<td>47.95</td>
</tr>
<tr>
<td>1/2 Grid Cloth</td>
<td>CHFP.5G4848</td>
<td>52.50</td>
</tr>
<tr>
<td>1/4 Grid Cloth</td>
<td>CHFP.25G4848</td>
<td>52.50</td>
</tr>
<tr>
<td>White &amp; Black Fabric</td>
<td>CHFPWB4848</td>
<td>64.95</td>
</tr>
</tbody>
</table>

**PANEL FABRICS — 72” x 72” (183x183cm)**

<table>
<thead>
<tr>
<th>Fabric Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Cloth</td>
<td>CHFP7272</td>
<td>113.50</td>
</tr>
<tr>
<td>1/2 Grid Cloth</td>
<td>CHFP.5G7272</td>
<td>129.95</td>
</tr>
<tr>
<td>1/4 Grid Cloth</td>
<td>CHFP.25G7272</td>
<td>129.95</td>
</tr>
<tr>
<td>White &amp; Black Fabric</td>
<td>CHFPWB7272</td>
<td>146.95</td>
</tr>
</tbody>
</table>
# REPLACEMENT POLES

## POLES FOR MICRO BANKS

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Micro</td>
<td>(16001200)</td>
<td>4&quot; (10.2cm)</td>
<td>Stainless.</td>
<td>CHPSS4M</td>
<td>1.95</td>
</tr>
</tbody>
</table>

## POLES FOR SUPER PRO & PRO II LIGHTBANKS

### Regular Length for 6.0 & 6.2 Rings

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX-Small/Mini</td>
<td>(4000)</td>
<td>13&quot; (33cm)</td>
<td>Stainless.</td>
<td>CHPRSSXXSSP</td>
<td>3.95</td>
</tr>
<tr>
<td>X-Small/Maxi</td>
<td>(4010)</td>
<td>18&quot; (46cm)</td>
<td>Stainless.</td>
<td>CHPRSSXSSP</td>
<td>5.95</td>
</tr>
<tr>
<td>Small</td>
<td>(4020)</td>
<td>25&quot; (64cm)</td>
<td>Stainless.</td>
<td>CHPRSSSSSP</td>
<td>5.95</td>
</tr>
<tr>
<td>Large</td>
<td>(4040)</td>
<td>53.5&quot; (136cm)</td>
<td>Aluminum.</td>
<td>CHPRALSP</td>
<td>17.95</td>
</tr>
</tbody>
</table>

### Longer Length for 6.0 & 6.2 Rings

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longer</td>
<td>(13001200)</td>
<td>6&quot; (15.3cm)</td>
<td>Stainless.</td>
<td>CHPSS6M</td>
<td>1.95</td>
</tr>
</tbody>
</table>

## POLES FOR DAYLITE JUNIOR

### Regular Length for 6.0 & 6.2 Rings

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX-Small/Mini</td>
<td>(4005)</td>
<td>12.5&quot; (32cm)</td>
<td>Stainless.</td>
<td>CHPRSSJXSSP</td>
<td>3.95</td>
</tr>
<tr>
<td>X-Small/Maxi</td>
<td>(4015)</td>
<td>17&quot; (45cm)</td>
<td>Stainless.</td>
<td>CHPRSSDJL</td>
<td>5.95</td>
</tr>
<tr>
<td>Small</td>
<td>(4025)</td>
<td>24.5&quot; (62cm)</td>
<td>Stainless.</td>
<td>CHPRSSJJL</td>
<td>7.95</td>
</tr>
<tr>
<td>Large</td>
<td>(4045)</td>
<td>53&quot; (135cm)</td>
<td>Stainless.</td>
<td>CHPALSL</td>
<td>17.95</td>
</tr>
</tbody>
</table>

## POLES FOR DAYLITE BANKS

### Regular Length for 7.3, 7.5, & 8.5 Rings

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>(4030)</td>
<td>12.5&quot; (32cm)</td>
<td>Stainless.</td>
<td>CHPRSSQ</td>
<td>5.95</td>
</tr>
<tr>
<td>Medium</td>
<td>(4035)</td>
<td>17&quot; (45cm)</td>
<td>Stainless.</td>
<td>CHPRSM</td>
<td>7.95</td>
</tr>
<tr>
<td>Large</td>
<td>(4045)</td>
<td>25&quot; (64cm)</td>
<td>Stainless.</td>
<td>CHPAL</td>
<td>17.95</td>
</tr>
</tbody>
</table>

### Long Length for 7.3, 7.5, & 8.5 Rings

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short</td>
<td>(4037)</td>
<td>36.5&quot; (93cm)</td>
<td>Aluminum.</td>
<td>CHPRSSM</td>
<td>11.95</td>
</tr>
<tr>
<td>Medium</td>
<td>(4047)</td>
<td>36.5&quot; (93cm)</td>
<td>Aluminum.</td>
<td>CHPALDLS</td>
<td>17.95</td>
</tr>
</tbody>
</table>

## POLES FOR QUARTZ BANKS

### Medium Length for Video Pro 2K

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>(4020)</td>
<td>25&quot; (64cm)</td>
<td>Stainless.</td>
<td>CHPRSSQ</td>
<td>5.95</td>
</tr>
<tr>
<td>Medium</td>
<td>(4030)</td>
<td>36.5&quot; (93cm)</td>
<td>Aluminum.</td>
<td>CHPRSM</td>
<td>11.95</td>
</tr>
<tr>
<td>Large</td>
<td>(4040)</td>
<td>36.5&quot; (93cm)</td>
<td>Stainless.</td>
<td>CHPAL</td>
<td>17.95</td>
</tr>
</tbody>
</table>

## POLES FOR VIDEO PRO, SUPER PRO & PRO II BANKS

### Short Length for 7.3, 7.5, & 8.5 Rings

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX-Small/Mini</td>
<td>(4005)</td>
<td>12.5&quot; (32cm)</td>
<td>Stainless.</td>
<td>CHPRSSQ</td>
<td>3.95</td>
</tr>
<tr>
<td>X-Small/Maxi</td>
<td>(4015)</td>
<td>17&quot; (45cm)</td>
<td>Stainless.</td>
<td>CHPRSSD</td>
<td>5.95</td>
</tr>
<tr>
<td>Small</td>
<td>(4025)</td>
<td>24.5&quot; (62cm)</td>
<td>Stainless.</td>
<td>CHPRSSJ</td>
<td>7.95</td>
</tr>
<tr>
<td>Large</td>
<td>(4045)</td>
<td>53&quot; (135cm)</td>
<td>Stainless.</td>
<td>CHPALS</td>
<td>17.95</td>
</tr>
</tbody>
</table>

## POLES FOR LANTERNS

### Regular Length for 6.0 & 6.2 Rings

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>20” Lantern</td>
<td>(4080)</td>
<td>28” (71cm)</td>
<td>Stainless.</td>
<td>CHPRL20</td>
<td>5.95</td>
</tr>
<tr>
<td>30” Lantern</td>
<td>(4085)</td>
<td>44” (111cm)</td>
<td>Stainless.</td>
<td>CHPRL30</td>
<td>5.95</td>
</tr>
</tbody>
</table>

### Regular Length for 7.3, 7.5, & 8.5 Rings

<table>
<thead>
<tr>
<th>Bank Type</th>
<th>Description</th>
<th>Length</th>
<th>Construction</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>20” Lantern</td>
<td>(4080)</td>
<td>27.5” (69cm)</td>
<td>Stainless.</td>
<td>CHPL20</td>
<td>5.95</td>
</tr>
<tr>
<td>30” Lantern</td>
<td>(4095)</td>
<td>43.5” (108cm)</td>
<td>Stainless.</td>
<td>CHPL30</td>
<td>5.95</td>
</tr>
</tbody>
</table>
Designed by DP Bill Holshenkoff for Chimera, these versatile patterns solve a difficult production problem: How to generate a variety of interesting lighting patterns easily with your existing fixtures? The durable, lightweight Window Patterns work with Chimera Panel Frames to provide you with six new, interchangeable patterns for lighting interviews, annual report and product backgrounds. No more pulling venetian blinds from windows or chopping tree branches. A seventh clear mylar pattern is included for logos, etc.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Window Holder for 42x42 (107cm) frames</td>
<td>CHWPHF42</td>
</tr>
<tr>
<td>Overhead Duffle</td>
<td>CHDOH</td>
</tr>
<tr>
<td>Chimera/Matthews 2½&quot; Grip Head</td>
<td>CHGHM</td>
</tr>
<tr>
<td>Panel Frame Connectors</td>
<td>CHCDPFQ</td>
</tr>
</tbody>
</table>

**COMPACT 22” x 22”**

<table>
<thead>
<tr>
<th>Name</th>
<th>Item #</th>
</tr>
</thead>
<tbody>
<tr>
<td>French Door</td>
<td>CHWPFD5</td>
</tr>
<tr>
<td>Horizontal Blinds</td>
<td>CHWPHB5</td>
</tr>
<tr>
<td>Graduating Vertical Blinds</td>
<td>CHWPGV5</td>
</tr>
<tr>
<td>Palm Leaves</td>
<td>CHWPPL5</td>
</tr>
<tr>
<td>Leaf Breakup</td>
<td>CHWPLB5</td>
</tr>
<tr>
<td>Cucoloris Breakup</td>
<td>CHWPCB5</td>
</tr>
<tr>
<td>Clear Window Pattern</td>
<td>CHWPCS</td>
</tr>
</tbody>
</table>

**MICRO 16” x 16”**

<table>
<thead>
<tr>
<th>Name</th>
<th>Item #</th>
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</thead>
<tbody>
<tr>
<td>French Door</td>
<td>CHWPD5</td>
</tr>
<tr>
<td>Horizontal Blinds</td>
<td>CHWPHB5</td>
</tr>
<tr>
<td>Graduating Vertical Blinds</td>
<td>CHWPGV5</td>
</tr>
<tr>
<td>Palm Leaves</td>
<td>CHWPL5</td>
</tr>
<tr>
<td>Leaf Breakup</td>
<td>CHWPLB5</td>
</tr>
<tr>
<td>Cucoloris Breakup</td>
<td>CHWPCB5</td>
</tr>
<tr>
<td>Clear Window Pattern</td>
<td>CHWPCS</td>
</tr>
</tbody>
</table>

**COMPAKT 22” x 22”**

<table>
<thead>
<tr>
<th>Name</th>
<th>Item #</th>
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<tbody>
<tr>
<td>Domino</td>
<td>CHWPS5</td>
</tr>
<tr>
<td>Columns</td>
<td>CHWPCSQ</td>
</tr>
<tr>
<td>Open Window</td>
<td>CHWPWS</td>
</tr>
<tr>
<td>Split Door</td>
<td>CHWPSD</td>
</tr>
<tr>
<td>Sun Scratch</td>
<td>CHWPSM</td>
</tr>
<tr>
<td>Half Dome</td>
<td>CHWPHDS</td>
</tr>
<tr>
<td>Clear</td>
<td>CHWPCS</td>
</tr>
<tr>
<td>Complete Compact Kit</td>
<td>CHWPK24</td>
</tr>
</tbody>
</table>

**MICRO 16” x 16”**

<table>
<thead>
<tr>
<th>Name</th>
<th>Item #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domino</td>
<td>CHWPD5</td>
</tr>
<tr>
<td>Columns</td>
<td>CHWPCQ</td>
</tr>
<tr>
<td>Open Window</td>
<td>CHWPWQS</td>
</tr>
<tr>
<td>Split Door</td>
<td>CHWPSD</td>
</tr>
<tr>
<td>Sun Scratch</td>
<td>CHWPSM</td>
</tr>
<tr>
<td>Half Dome</td>
<td>CHWPHDS</td>
</tr>
<tr>
<td>Clear</td>
<td>CHWPCS</td>
</tr>
<tr>
<td>Complete Compact Kit</td>
<td>CHWPK24</td>
</tr>
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</table>

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Window Holder for 42x42 (107cm) frames</td>
<td>CHWPHF42</td>
</tr>
<tr>
<td>Overhead Duffle</td>
<td>CHDOH</td>
</tr>
<tr>
<td>Chimera/Matthews 2½&quot; Grip Head</td>
<td>CHGHM</td>
</tr>
<tr>
<td>Panel Frame Connectors</td>
<td>CHCDPFQ</td>
</tr>
</tbody>
</table>

**ORDER & INFORMATION**

1-800-947-9941 • www.bhphotovideo.com
**Honeycomb Grids**

These extruded aluminum frames are .050” thick compared to the .020 frames of the competitors. Delta uses a riveted Velcro Locking system and threaded fasteners, allowing the frame to be tightened or disassembled. These honeycombs produce the smoothest possible light to dark graduation on subject or background. This gradual edge offers superb light control, either back to front or front to back. This cannot be replicated by other lighting methods. The aluminum grids transform light banks into broad directional lighting sources and improve color saturation by exposure equalization. Standard thickness is 1/2”. Extra heavy duty 1” thickness (smoothest possible gradation) is also available for all size light banks. Larger sizes may require added support. *Note: Grids over 1600 square inches (approx. 40” x 40”) must ship motor freight.

### For Chimera Super Pro

<table>
<thead>
<tr>
<th>Item #</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEG601PMDL</td>
<td>Large - 1” Thick, 60°</td>
<td>644.50</td>
</tr>
<tr>
<td>DEG60.5PMDL</td>
<td>Large - 1/2” Thick, 60°</td>
<td>512.95</td>
</tr>
<tr>
<td>DEG601PMDS</td>
<td>Medium - 1” Thick, 60°</td>
<td>409.50</td>
</tr>
<tr>
<td>DEG60.5PMDS</td>
<td>Medium - 1/2” Thick, 60°</td>
<td>341.95</td>
</tr>
<tr>
<td>DEG601CSPM</td>
<td>Small - 1” Thick, 60°</td>
<td>294.50</td>
</tr>
<tr>
<td>DEG60.5CSPM</td>
<td>Small - 1/2” Thick, 60°</td>
<td>244.95</td>
</tr>
<tr>
<td>DEG601CSPS</td>
<td>Extra Small - 1” Thick, 60°</td>
<td>514.95</td>
</tr>
<tr>
<td>DEG60.5CSPS</td>
<td>Extra Small - 1/2” Thick, 60°</td>
<td>427.50</td>
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### For PhotoFlex MultiDome

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<thead>
<tr>
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<th>Size</th>
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</thead>
<tbody>
<tr>
<td>DEG601PMDS</td>
<td>Large - 1” Thick, 60°</td>
<td>644.50</td>
</tr>
<tr>
<td>DEG60.5PMDS</td>
<td>Large - 1/2” Thick, 60°</td>
<td>512.95</td>
</tr>
<tr>
<td>DEG601PMDS</td>
<td>Medium - 1” Thick, 60°</td>
<td>409.50</td>
</tr>
<tr>
<td>DEG60.5PMDS</td>
<td>Medium - 1/2” Thick, 60°</td>
<td>341.95</td>
</tr>
<tr>
<td>DEG601CSPM</td>
<td>Small - 1” Thick, 60°</td>
<td>294.50</td>
</tr>
<tr>
<td>DEG60.5CSPM</td>
<td>Small - 1/2” Thick, 60°</td>
<td>244.95</td>
</tr>
</tbody>
</table>

**Additional Information:**

- Extra Small - 15½” x 21”
- Small - 22” x 29½”
- Medium - 32½” x 43”
- Large - 50” x 65”

For all size light banks. Larger sizes may require added support.
### FOR PLUME WAFERS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>DEG60.5PW75</td>
<td>Wafer 75 - 1/2” Thick, 60°</td>
</tr>
<tr>
<td>DEG601PW75</td>
<td>Wafer 75 - 1” Thick, 60°</td>
</tr>
<tr>
<td>DEG60.5PW100</td>
<td>Wafer 100 - 1/2” Thick, 60°</td>
</tr>
<tr>
<td>DEG601PW100</td>
<td>Wafer 100 - 1” Thick, 60°</td>
</tr>
<tr>
<td>DEG60.5PW140</td>
<td>Wafer 140 - 1/2” Thick, 60°</td>
</tr>
<tr>
<td>DEG601PW140</td>
<td>Wafer 140 - 1” Thick, 60°</td>
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### FOR WESTCOTT APOLO

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>DEG60.5WA28</td>
<td>Apollo 28” - 1/2” Thick, 60°</td>
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<tr>
<td>DEG601WA28</td>
<td>Apollo 28” - 1” Thick, 60°</td>
</tr>
<tr>
<td>DEG60.5WA24</td>
<td>Apollo 24” - 1/2” Thick, 60°</td>
</tr>
<tr>
<td>DEG601WA24</td>
<td>Apollo 24” - 1” Thick, 60°</td>
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### 4½” AND 6½” ROUND GRIDS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>DEG54.5</td>
<td>5° Grid - Black</td>
</tr>
<tr>
<td>DEG404.5</td>
<td>40° Grid - Black</td>
</tr>
<tr>
<td>DEG204.5</td>
<td>20° Grid - Black</td>
</tr>
<tr>
<td>DEG30.5</td>
<td>6½” Grid Set (4) - Black</td>
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### 7” ROUND GRIDS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>DEG57B</td>
<td>5° Grid - Black</td>
</tr>
<tr>
<td>DEG407B</td>
<td>40° Grid - Black</td>
</tr>
<tr>
<td>DEG557S</td>
<td>20° Grid - Black</td>
</tr>
<tr>
<td>DEG573S</td>
<td>7” Grid Set (3) - Black</td>
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<tr>
<td>DEG575S</td>
<td>7” Grid Set (4) - Black</td>
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### HONEYCOMB GRIDS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>DEG30.5PW75</td>
<td>Wafer 75 - 1/2” Thick, 46°</td>
</tr>
<tr>
<td>DEG40.5PW100</td>
<td>Wafer 100 - 1/2” Thick, 46°</td>
</tr>
<tr>
<td>DEG50.5PW140</td>
<td>Wafer 140 - 1/2” Thick, 46°</td>
</tr>
<tr>
<td>DEG50.5PW100</td>
<td>Wafer 100 - 1” Thick, 46°</td>
</tr>
<tr>
<td>DEG50.5PW75</td>
<td>Wafer 75 - 1” Thick, 46°</td>
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</tbody>
</table>

### ORDER & INFORMATION

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B&H PHOTOVIDEO • PRO AUDIO GEAR

ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008

DELTA LIGHT CONTROL
### 7½” ROUND GRIDS

<table>
<thead>
<tr>
<th>Grid</th>
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<tbody>
<tr>
<td>5°</td>
<td>DEG1037.5</td>
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<tr>
<td>20°</td>
<td>DEG207.5</td>
<td>33.50</td>
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<tr>
<td>30°</td>
<td>DEG307.5</td>
<td>33.50</td>
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8½” Round Grids – Fits Sinar Bron P70 Reflectors

<table>
<thead>
<tr>
<th>Grid Set</th>
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<tbody>
<tr>
<td>7” Silver (3)</td>
<td>DEGS38.5S</td>
<td>159.50</td>
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</table>

#### LIGHT MODIFIERS

**Flex Gel Holders**

<table>
<thead>
<tr>
<th>Grid</th>
<th>Item #</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5° Black</td>
<td>DEG1015B</td>
<td>33.50</td>
</tr>
<tr>
<td>7.5° Grid Set (3)</td>
<td>DEGS37.5</td>
<td>83.95</td>
</tr>
<tr>
<td>20° Black</td>
<td>DEG2011.5B</td>
<td>33.50</td>
</tr>
<tr>
<td>30° Black</td>
<td>DEG3011.5B</td>
<td>33.50</td>
</tr>
<tr>
<td>5° Black</td>
<td>DEG511.5B</td>
<td>39.95</td>
</tr>
</tbody>
</table>

**Softballs for 7” Grid Holders**

The ultimate location softbox. White Plexiglass seamless diffuser dome snaps into your Comet, Dyna-Lite, Speedotron, Balcar, Calumet, White Lightning, Elinchrom 7” grid holders. Removes in seconds. Excellent for large groups or portraits. Soft, even light eliminates “red-eye.” Same f-stop from corner to corner. Softball dome with 1/8” (30°) grid results in bright center light surrounded by a larger area of softer light. Removable grid for greater contrast. Ideal for enhancing portraits or products.

- **7” Grid Holder Softball** (41120)
  - Item #DESBGH7 | 49.95
- **7” Grid Holder Softball with Grid** (41122)
  - Item #DESBGH7G | 54.50

**Set of 2** (41124)

Grid Holder Softball, solid dome & grid dome.

- Item #DESB7 | 92.50

**Cordura Heavy Sack** (01040)

Holds up to 25 lbs. of sand or 40 lbs. of lead shot. Stabilizes light stands, etc. Features carry strap and two zippers in opposite directions, ensuring no leaks.

- Item #DESS | 29.95

#### Umbrella Bracket


- Item #DEBUU | 19.95

#### Flex Gel Holders

Tilts, rotates, adjusts to any position. 8 stainless clips, 3 formats: 12” x 12”, 10” x 12” V, 12” x 10” H. Holds gels, gobos and diffusers. Folds to ultra compact size.

For Stands 12” x 12”

- Item #DEFH 1212 | 39.95

For Stands 24” x 20”

- Item #DEFH 2024 | 69.95
The original collapsible reflector offers total lighting control, both on location and in the studio. Flexfill collapsible reflectors, introduced by Visual Departures in 1982 are simply indispensable when light is too contrasty for film or videotape. By “filling” shadows, a well-placed Flexfill fits such subjects within the limited brightness-recording range of film and tape. And unlike supplemental strobe or hot light, which can create confusing shadows and discrepancies in color temperature, it does so without altering the light’s quality. This is especially important if you’re shooting by ambient illumination. But even with controlled sources, a Flexfill eliminates the need for a second or third light. Flexfill does much more than just reflect light though. Now available in four sizes and nine surfaces, it is used by thousands of professional photographers, film makers, and videographers as a total lighting control system. Flexfill outperforms conventional reflectors in several ways. A flexible, welded spring-steel rim allows any Flexfill to be folded into a circular package one-third its working size, for easy transportation and compact storage. That twist-and-overlap design also means it can be opened with a mere flick of the wrist. Flexfill reflectors are made to last, with tough, fade-free materials securely stitched to the fabric sleeve that surrounds their rims. Fabrics are all carefully inspected for any deviation from Visual Departures’ standards for quality and color. The original circular Flexfill is available in 20”, 38”, 48”, and 60” diameters. Each Flexfill comes with its own zippered nylon carrying pouch, is fully guaranteed by Visual Departures – and is made in America. If you’d rather have a rounded rectangular reflector, consider the Slimflex panel. It measures 28x58 inches and is available in five of the Flexfill surfaces and surface combinations. It also collapses into a small circle, for storage and transporting in its own zippered nylon pouch.

**Impact 5-in-1 Reflector Kits**

Five-In-One Portable Reflector Kits

Eliminate the need for multiple reflectors, silks, & solids.

- Features a removable, reversible cover which allows for five uniquely functional surfaces in three separate configurations:
  - (1) Black on one side for blocking unwanted light with Silver Mylar on the other for reflecting cool brilliant light.
  - (2) Reverse the cover for White and Gold reflectors to capture the warmer tones.
  - (3) Remove the cover completely and reveal a single translucent panel for soft, diffused lighting effects.

Lightweight Silfoil style, circular, steel framed reflector system • Folded conveniently into a disk one-third its in-use size • Includes handy, tear resistant nylon carrying pouch.

**Impact 22” 5-in-1 Reflector Kit**

Item # IMCRK22K ............ 84.95

**Impact 32” 5-in-1 Reflector Kit**

Item # IMCRK32K ............ 94.95

**Impact 42” 5-in-1 Reflector Kit**

Item # IMCRK42K ............ 114.50

To see the actual design and color of any Flexfill Reflector, log on to our website at: www.bhphotovideo.com.

To order Flexfill Reflectors, just insert size (20, 38, 48, 60) in the Item # column below, between parenthesis.

<table>
<thead>
<tr>
<th>Color</th>
<th>Item #</th>
<th>20”</th>
<th>38”</th>
<th>48”</th>
<th>60”</th>
<th>28” x 58”</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>FLW</td>
<td>201</td>
<td>46.95</td>
<td>381</td>
<td>71.95</td>
<td>481</td>
</tr>
<tr>
<td>Silver/White</td>
<td>FLSW</td>
<td>202</td>
<td>46.95</td>
<td>382</td>
<td>71.95</td>
<td>482</td>
</tr>
<tr>
<td>Gold White</td>
<td>FLGW</td>
<td>203</td>
<td>46.95</td>
<td>383</td>
<td>71.95</td>
<td>483</td>
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<tr>
<td>Translucent</td>
<td>FLTT</td>
<td>204</td>
<td>46.95</td>
<td>384</td>
<td>71.95</td>
<td>484</td>
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<tr>
<td>Black Absorber</td>
<td>FLBA</td>
<td>—</td>
<td>—</td>
<td>385</td>
<td>71.95</td>
<td>485</td>
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<tr>
<td>Black Net (Single)</td>
<td>FLBN</td>
<td>206</td>
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<td>71.95</td>
<td>486</td>
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<tr>
<td>Black Net (Double)</td>
<td>FLBND</td>
<td>207</td>
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<td>122.95</td>
<td>487</td>
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<tr>
<td>Silver/Black</td>
<td>FLSB</td>
<td>208</td>
<td>46.95</td>
<td>388</td>
<td>71.95</td>
<td>488</td>
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<tr>
<td>Silk Diffusion</td>
<td>FLJS</td>
<td>209</td>
<td>46.95</td>
<td>389</td>
<td>71.95</td>
<td>489</td>
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</tbody>
</table>

Impact Adjustable Holder (FH1)

Ideal for stationary, still life, and portrait subjects, the Flexfill Adjustable Holder has a telescoping design that slides to fit 20”, 38”, and 48” circular Flexfills.

Flexible rubber grips provide a firm hold on the rim of the reflector, while locking knobs hold each tubular section in place. A standard 5/8” socket accommodates most lightstands, and will accept a threaded screw-mount adapter for use on tripods.

Item # FLAH .................. 49.95

Impact 42 x 72” Reflector Kit

Item # IMCRK4272 .......... 114.50

Impact 42” x 72” Reflector Kit

Item # IMCRK4272 .......... 94.95

Impact 42” x 72” Reflector Kit

Item # IMCRK4272 .......... 94.95

Impact Adjustable Holder (FH1)

Ideal for stationary, still life, and portrait subjects, the Flexfill Adjustable Holder has a telescoping design that slides to fit 20”, 38”, and 48” circular Flexfills.

Flexible rubber grips provide a firm hold on the rim of the reflector, while locking knobs hold each tubular section in place. A standard 5/8” socket accommodates most lightstands, and will accept a threaded screw-mount adapter for use on tripods.

Item # FLAH .................. 49.95
### COLLAPSIBLE REFLECTORS

Lastolite’s “original” range of collapsible reflectors has set standards for others to follow. In addition to the lifetime guarantee on reflector rims, Lastolite has upgraded the edging of the reflectors, and bolstered the range with Sunfire / White and Sunfire / Silver, a subtle mixture of Silver and Gold.

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>White 5600K</td>
<td>Soft, pure light, particularly for wedding &amp; general portraiture. Also used as a dense diffuser.</td>
<td></td>
</tr>
<tr>
<td>Silver 5600K</td>
<td>Crisp, clear light for optimum clarity, especially for product shots.</td>
<td></td>
</tr>
<tr>
<td>Sunfire 4750K</td>
<td>A subtle mixture of Silver and Gold is excellent at adding just a hint of color.</td>
<td></td>
</tr>
<tr>
<td>Gold 3800K</td>
<td>Adds warmth and glow. Enhances brass or gold products.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>Color/Type</th>
<th>Item #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>12˝</td>
<td>Reflector</td>
<td>LAR12SFW</td>
<td>12.50</td>
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<td></td>
<td>Sunfire/White</td>
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<td></td>
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<tr>
<td></td>
<td>Item # LAR12SFW</td>
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<td>12˝</td>
<td>Reflector</td>
<td>LAR12SW</td>
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<td>Silver/White</td>
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<td></td>
<td>Item # LAR12SW</td>
<td></td>
<td>13.95</td>
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<td>12˝</td>
<td>Reflector</td>
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<td></td>
<td>Silver/Gold</td>
<td>LR1234</td>
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<tr>
<td></td>
<td>Item # LAR12SG</td>
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<td>14.95</td>
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<tr>
<td>20˝</td>
<td>Reflector</td>
<td>LAR20SFW</td>
<td>19.95</td>
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<tr>
<td></td>
<td>Sunfire/White</td>
<td>LR2006</td>
<td></td>
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<tr>
<td></td>
<td>Item # LAR20SFW</td>
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<td>19.95</td>
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<tr>
<td>20˝</td>
<td>Reflector</td>
<td>LAR20SW</td>
<td>19.95</td>
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<tr>
<td></td>
<td>Silver/White</td>
<td>LR2031</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Item # LAR20SW</td>
<td></td>
<td>19.95</td>
</tr>
<tr>
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**COLLAPSIBLE REFLECTORS**

**DIFFUSERS**

**PANELITE DIFFUSERS**

**ACCESSORIES**
**TRILITE/BOTTLETOPS/SKYLITE**

**TRILITE**

The unique compact Trilite is versatile and easy to use. The three Trilite panels on one lighting stand plus an overhead light give the Trilite its distinctive catch lights in the eyes. Widely used in portrait and fashion photography. Trilite's hinge mechanisms makes all three panels individually adjustable to get light exactly where you need it. The panels each fold like the collapsible reflector panels - the frame folds away and they all fit into a portable bag.

- **Trilite Kit (LR2933L)**
  - Trilite with 3 Sunfire/Silver panels.
  - Item # LATL2PSSK ............. 184.95

- **Trilite (LR2905L)**
  - Set of 3 Gold/White panels.
  - Item # LATL2PGW ............. 64.95

- **Trilite (LR2909L)**
  - Set of 3 Translucent panels.
  - Item # LATL2PT ............. 47.95

**BOTTLETOPS**

Bottletop reflector covers are an innovative way of having all four reflective surfaces with you at any time. The reflector is reversible sunfire and silver and the bottletop cover is reversible gold and white. The cover slips on easily to give a good, taut finish. Research shows that sunfire and silver account for 65% of reflector usage, and gold/white for 25%. A bottletop covers your needs 90% of all occasions.

- **20˝ Bottletop (LR2099)**
  - Item # LABTR20GW ........... 47.95

- **30˝ Bottletop (LR3099)**
  - Item # LABTR30 ............ 59.95

- **38˝ Bottletop (LR3899)**
  - Item # LABTR38 ............ 78.95

- **48˝ Bottletop (LR4899)**
  - Item # LABTR48 ............ 99.95

- **6x4´ Bottletop (LR7299)**
  - Item # LABTR64 ............. 103.95

**SKYLITE FRAMES AND KITS**

The Skylite system is strong yet incredibly light, with a tubular frame held together with an internal elastic cord for quick, easy assembly. The frame can also be collapsed within seconds with the fabric still attached. Its range of grip-heads and handles make it easy to position, so that outdoors or in, it is a most versatile panel system.

All Skylite kits contain: Frame, bag, grip head, sunfire/white reflector and 3/4 stop diffuser. Large kit also contains additional grip head.

- **Small Skylite Frame**
  - 42’ x 42’ (LR811)
  - Item # LASLF4242 ........... 74.95

- **Medium Skylite Frame**
  - 42’ x 78’ (LR812)
  - Item # LASLF4278 ........... 99.95

- **Large Skylite Frame**
  - 78’ x 78’ (LR822)
  - Item # LASLF7878 ........... 127.95

- **Small Skylite Kit**
  - 42’ x 42’ (LR81144)
  - Item # LASLK ............. 233.95

- **Medium Skylite Kit**
  - 42’ x 78’ (LR81244)
  - Item # LASLMK ............. 249.95

- **Large Skylite Kit**
  - 78’ x 78’ (LR82244)
  - Item # LASLLK ............. 369.95

**SKYLITE ACCESSORIES**

- **Skylite Carrying Bag** (LA8444)
  - Item # LAGSL ............. 59.95

- **Floor Bracket for Skylite** (LA8447)
  - Item # LAFBSL ............ 36.50

- **Grip Head for Skylite** (LA8446)
  - Item # LACHSL ............ 46.95

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# SkyLight Fabric

3/4 Stop Diffusion Fabric (Small) *(LR81101)*  
Item # LAFSL.75D S \(\ldots\) 48.95  
Sunfire/White Fabric (Small) *(LR81106)*  
Item # LAFSL4242SW \(\ldots\) 48.95  
1/4 Stop Diffusion Fabric (Small) *(LR81107)*  
Item # LAFSL1.25DS \(\ldots\) 48.95  
Black/White Fabric (Small) *(LR81121)*  
Item # LAFSL4242BW \(\ldots\) 48.95  
Silver/Gold Fabric (Small) *(LR81134)*  
Item # LAFSL4242SG \(\ldots\) 56.95  
Chromakey Fabric (Small) *(LR81187)*  
Item # LAFSL4242C \(\ldots\) 94.95  

3/4 Stop Diffusion Fabric (Medium) *(LR81201)*  
Item # LAFSL.75DM \(\ldots\) 69.95  
Sunfire/White Fabric (Medium) *(LR81206)*  
Item # LAFSL4278SW \(\ldots\) 69.95  
1/4 Stop Diffusion Fabric (Medium) *(LR81207)*  
Item # LAFSL1.25DM \(\ldots\) 69.95  
Black/White Fabric (Medium) *(LR81213)*  
Item # LAFSL4278BW \(\ldots\) 69.95  
Silver/Gold Fabric (Medium) *(LR81234)*  
Item # LAFSL4278SG \(\ldots\) 78.95  
Chromakey Fabric (Medium) *(LR81287)*  
Item # LAFSL4278C \(\ldots\) 154.95  

3/4 Stop Diffusion Fabric (Large) *(LR82201)*  
Item # LAFSL.75DL \(\ldots\) 127.95  
Sunfire/White Fabric (Large) *(LR82206)*  
Item # LAFSL7878SW \(\ldots\) 127.95  
1/4 Stop Diffusion Fabric (Large) *(LR82207)*  
Item # LAFSL1.25DL \(\ldots\) 127.95  
Black/White Fabric (Large) *(LR82221)*  
Item # LAFSL7878BW \(\ldots\) 127.95  
Silver/Gold Fabric (Large) *(LR82234)*  
Item # LAFSL7878SG \(\ldots\) 142.95  
Chromakey Fabric (Large) *(LR82287)*  
Item # LAFSL7878C \(\ldots\) 176.50

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### Umbrellas

Lastolite’s wide range of umbrellas is unique in many ways. The reversible fabric covers can be taken off and turned over. All In One can be silver or translucent, shoot through or bounce! The jumbo umbrellas provide progressively larger light sources to give softer and more wrap around lighting for video, cinematic and photographic lighting.

#### 32” Silver Umbrella *(LU3203)*  
Item # LAU32S \(\ldots\) 26.50  
32” Translucent Umbrella *(LU3207)*  
Item # LAU32T \(\ldots\) 19.95  
32” Black/White Umbrella *(LU3221)*  
Item # LAU32BW \(\ldots\) 24.95  
45” Silver Umbrella *(LU4503)*  
Item # LAU45S \(\ldots\) 27.95  
45” Tungsten/Daylight Umbrella *(LU4506)*  
Item # LAU45TD \(\ldots\) 56.50  
45” Translucent Umbrella *(LU4507)*  
Item # LAU45T \(\ldots\) 24.95  
45” Silver/White Umbrella Reversible *(LU4531)*  
Item # LAUR455SW \(\ldots\) 56.95  
45” Silver/Gold Umbrella Reversible *(LU4534)*  
Item # LAUR455SG \(\ldots\) 56.95  
45” Silver/Translucent Umbrella - All In One *(LU4537)*  
Item # LAUA1O45 \(\ldots\) 53.95  
48” Silver Umbrella *(LU4903)*  
Item # LAU48S \(\ldots\) 49.95  
48” Translucent Umbrella *(LU4907)*  
Item # LAU48T \(\ldots\) 36.50  
48” Silver/Translucent Umbrella All In One *(LU4937)*  
Item # LAUA1O48 \(\ldots\) 72.50  
60” Translucent Umbrella *(LU5607)*  
Item # LAU60T \(\ldots\) 133.50  
60” Black/White Umbrella *(LU5821)*  
Item # LAU60BW \(\ldots\) 161.95  
60” Silver Umbrella *(LU5823)*  
Item # LAU60S \(\ldots\) 173.50  
6’ 6” Translucent Umbrella *(LU7907)*  
Item # LAU66T \(\ldots\) 183.50  
6’ 6” Black/White Umbrella *(LU7921)*  
Item # LAU66BW \(\ldots\) 187.50  
6’ 6” Silver Umbrella *(LU7923)*  
Item # LAU66S \(\ldots\) 197.50  
12’ Translucent Umbrella *(LU8907)*  
Item # LAU12T \(\ldots\) 939.95  
12’ Silver Umbrella *(LU8903)*  
Item # LAU12S \(\ldots\) 752.50  
12’ White Umbrella *(LU8921)*  
Item # LAU12W \(\ldots\) 752.50  
41” Umbrella/Softbox with 7mm Shaft *(LU89227)*  
The umbrella substitute which is also a softbox.  
Item # LAUB41 \(\ldots\) 64.95

#### Umbrella Accessories

- **Reversal Umbrellas**
  - **Tilt Head with Flash Shoe** *(XLAST011)*  
    Item # LATHFS \(\ldots\) 26.95  
  - **Tilt Head with Quick Release** for Metz Bracket *(LA2409)*  
    Item # LATHQR \(\ldots\) 33.50
**Lastolite's Heracles and Dianira Video Softboxes**

Lastolite has changed the location photographer's kit bag forever, with a world first. At last a truly portable, compact, super fast assembly softbox: the EZYBOX (Patent Pending).

How many times have you been on location and wished you had a Truly portable soft box? Up until now, softboxes have generally been seen as a studio item either because they're too bulky to carry or take too long to assemble. The secret of EZYBOX (Patent Pending) is in its unique, patented design. Four collapsible Lastolite panels are stitched together to form a box which pops up in seconds when required. The separate diffuser is joined with velcro, then a unique 'speedring' adaptor attaches in less than ten seconds with No Screws or Fastners of any type! EZYBOX really is “up in a flash”.

- Folds up just like a Lastolite reflector: the bag is 10” (25cm) across (code 2460)
- Up and working in less than one minute!
- Weighs 3 lbs. (1.2 kg.) incl. speedring! (code 2460)
- Very low light loss, only half a stop
- Colour balanced

**HERACLES**

- **Heracles Small Deluxe Video Softbox** (LS5411)
  14 x 20 x 14” (36x51x26cm).
  Item # LAHDVS ......... 243.95

- **Heracles Medium Deluxe Video Softbox** (LS5413)
  24 x 32 x 19” (61x81x48cm).
  Item # LAHDVSM ....... 359.95

- **Heracles Large Deluxe Video Softbox** (LS5415)
  36 x 48 x 30” (91x122x76cm).
  Item # LAHDVLS ..... 666.95

- **Heracles X-Large Deluxe Video Softbox** (LS5417)
  54 x 72 x 39” (137x183x99cm).
  Item # LAHDVXL ...... 1064.95

**DIANIRA**

- **Dianira Small Video Softbox** (LS5401)
  14 x 20 x 14” (36x51x26cm).
  Item # LADSBS ........ 128.95

- **Dianira Medium Video Softbox** (LS5403)
  24 x 32 x 19” (61x81x48cm).
  Item # LADSM ........ 189.50

- **Dianira Large Video Softbox** (LS5405)
  36 x 48 x 30” (91x122x76cm).
  Item # LADSL ......... 334.95

- **Dianira X-Large Video Softbox** (LS5407)
  54 x 72 x 39” (137x183x99cm).
  Item # LADSBXL ....... 556.50

**ACCESSORIES**

- **Elinchrom Speedring for Universal Adapter** (LS2352)
  Item LAEBAE ............ 29.95

- **Profoto Speedring for Universal Adapter** (LS2354)
  Item # LAEBAP ............ 124.95

- **Balcar Speedring for Universal Adapter** (LS2353)
  Item # LAEBABA ......... 26.95

- **Hensel Speedring for Universal Adapter** (LS2356)
  Item # LAEBAH ........... 54.50

**Ezybox Accessories**

- **Outer Diffuser for Ezybox 2x2´ (LS2461)**
  Item # LAEBOD22 .......... 34.95

- **Outer Diffuser for Ezybox 3x3´ (LS2491)**
  Item # LAEBOD33 .......... 42.50

- **Bowens Speedring for Universal Adapter** (LS2351)
  Item # LAEBAB .......... 26.95

- **Ezybox 18x18´ (45x45cm)**
  Item # LAEZSB1818 ....... 179.95

- **Ezybox 24x24´ (61x61cm)**
  Item # LAEZSB2424 ....... 179.95

- **Ezybox 36x36´ (90x90cm)**
  Item # LAEZSB3636 ...... 278.95

**LASTOLITE LIGHT CONTROL**

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### REFLECTORS AND ACCESSORIES

#### Standard Reflectors
MSE offers several different types of Reflectors. The standard Reflector measures 42” x 42” (107x107cm). Made of honeycomb material sandwiched between two sheets of aircraft aluminium which is then set into an aluminum frame. The frame is mounted into a yoke which has a 1/8” pin to fit a Combo Stand, and a braked pivot. The Standard Reflector is made with a shiny silver paper glued on the “hard” side and silver leaf squares on the “soft side”. It is also available in gold.

<table>
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<td>MAR4242G</td>
<td>Standard 42” x 42” Silver Reflector</td>
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<td>MAR4242M</td>
<td>Standard 42” x 42” Gold Reflector</td>
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#### Aluminum Hand Reflector
This 24” x 24” reflector also has a yoke attached which terminates in a 5/8” receiver for mounting on a Baby Stand. The “soft” side has a stippled silver material, while the “hard” side has the shiny silver paper glued to it.

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<td>B119069G</td>
<td>24” x 24” Gold Aluminum Hand Reflector</td>
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#### 42” x 42” Reflector Scrim
Elastic corners hold the Scrim in place when positioned over the Reflector.

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<td>AMAS4242</td>
<td>42” x 42” Double Reflector Scrim</td>
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#### Mirrored 42” x 42” Reflector
The Mirrored Reflectors are also 42” x 42” and similar to the Standard Reflectors with the exception of the surface which is an actual glass mirror mounted with special brackets for easy changing. These Reflectors are most commonly used for reflecting HMI Par or Xenon light sources. There is also a Xeno mirrored surface available for higher temperature light sources. On both reflectors the yokes have a brake in the pivot and are stand mounted via a 1/8” pin. Xeno mirrors are made for xenon light sources only and will not redirect sunlight smoothly.

<table>
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<td>MAR4242XM</td>
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<td>MAR4242M</td>
<td>Standard 42” x 42” Xeno Reflector</td>
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#### Matthboards – Expendable Reflectors
These honeycomb Reflectors are 75% lighter in weight than the Standard Reflectors, measuring 40” x 40” (102x102cm) and costing considerably less. Three different Reflectors are available. The Standard Matthboard features a “hard” side and a “soft” side and an “ultra soft” side. The “super soft” is made with material only from MSE. The Gold Fill Matthboard has the same reflective surfaces only in gold.

<table>
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<td>MARES40G</td>
<td>Standard Matthboard 40” x 40” Gold-Fill</td>
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<td>MAREF4040G</td>
<td>Standard Matthboard 40” x 40” Silver-Fill</td>
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<td>Standard Matthboard 40” x 40” Silver</td>
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#### Reflector Boxes
Made of solid wood to protect Reflectors. Available in 24” x 24” and 42” x 42” with 2 and 4 place slots.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>MARB2P2424</td>
<td>24” x 24” – 2 Place Reflector Box</td>
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<tr>
<td>MARB2P4242</td>
<td>42” x 42” – 4 Place Reflector Box</td>
<td>129.95</td>
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#### Reflector Materials
Everything needed for repairs.

<table>
<thead>
<tr>
<th>Item #</th>
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<tbody>
<tr>
<td>MARMK</td>
<td>Reflector Material Kit</td>
<td>299.95</td>
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#### Reflector Recover Materials
Gold Leaf 500 Sheets.

<table>
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<tbody>
<tr>
<td>MARRMGL</td>
<td>Reflector Recover Gold Material</td>
<td>109.95</td>
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#### Reflector Recover Materials
Silver Paper, 500 Sheets.

<table>
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</thead>
<tbody>
<tr>
<td>MARRMSL</td>
<td>Reflector Recover Silver Material</td>
<td>119.95</td>
</tr>
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#### Reflector Recover Materials
Silver Paper, 26” x 50’ Roll.

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>MARRMSL</td>
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# BUTTERFLY AND OVERHEAD FRAMES

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<thead>
<tr>
<th>Frame Type</th>
<th>Item Number</th>
<th>Description</th>
<th>Size</th>
<th>Material</th>
<th>Tubing Size</th>
<th>Item Number</th>
<th>Price</th>
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<tbody>
<tr>
<td>Hollywood Frame</td>
<td>(409106)</td>
<td>6' x 6' Hollywood Frame</td>
<td>6' x 6'</td>
<td>Square</td>
<td>1&quot;</td>
<td>MAFM66</td>
<td>348.95</td>
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<td>Frame</td>
<td>(309079)</td>
<td>6' x 6' Light Duty Frame, Black</td>
<td>6' x 6'</td>
<td>Square</td>
<td>3/4&quot;</td>
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<td>6' x 6' Snap-a-Part Frame</td>
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<td>12' x 12' Snap-a-Part Frame</td>
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<td>20' x 20' Hollywood Frame</td>
<td>20' x 20'</td>
<td>Square</td>
<td>1¼&quot;</td>
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<tr>
<td>Frame</td>
<td>(319078)</td>
<td>20' x 20' Deluxe Frame</td>
<td>20' x 20'</td>
<td>Square</td>
<td>1¼&quot;</td>
<td>MAFDOH2020</td>
<td>1339.95</td>
</tr>
</tbody>
</table>

**Additional Notes:**
- Hollywood Frame
- Snap-A-Part Light Duty Frame
- Snap-A-Part Frame
- Deluxe Frame

**Contact Information:**

- ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
- 1-800-947-9941 • www.bhphotovideo.com
FRAME PARTS
Use these parts as replacement parts for the previously mentioned frames or use them to make your own custom size frame. Many different size fabrics are available besides those which fit the before mentioned frames.

**Corner for 1” Round Tube** (409001)
Item # MACTR1 ........... 21.95

**Corner for 1” Square Tube** (4091001)
Item # MACS1 ........... 27.95

**Corner for 1¼” Square Tube** (4099001)
Item # MACS1.25 ........... 29.95

**Connector for 1¼” Pipe** (319552)
Item # MACP1.25 ........... 29.95

**Hollywood Hanger (C Boom Clamp)** (B429616)
Item # MAEP1 ........... 34.95

**Ear for 1¼” Square Tube** (4095003)
Item # MAET S1 ........... 32.50

**Quick Reverse Ear for 1” Square Tube** (4091003)
Item # MAEQRTS1 ........... 32.50

**Pin For Round Tube** (409000)
Item # MAPTR1 ........... 21.95

**Pin For Square Tube** (4091005)
Item # MAPTS1 ........... 21.95

OVERHEADS AND BUTTERFLYS 6’x 6’

6’x 6’ Artifical Silk
White (309084)
Item # MAF66AS ........... 68.95

6’x 6’ Artifical Silk
Black (309086)
Item # MAF66ASB ........... 79.95

6’x 6’ Solid Scrim (309083)
Item # MAF66SB ........... 67.95

6’x 6’ 1/4 Stop Silk
Black (3090610)
Item # MAF66.25SS ........... 89.95

6’x 6’ 1/4 Stop Silk
White (3090609)
Item # MAF66.25SSW ........... 89.95

6’x 6’ China Silk
MAF66CS ........... 104.95

6’x 6’ China Silk Black
(B3090605)
Item # MAF66CBS ........... 114.95

6’x 6’ Grid Cloth
White (309063)
Item # MAF66GC ........... 104.95

6’x 6’ Grid Cloth Lite
(309604)
Item # MAF66GCL ........... 104.95

6’x 6’ Lame Gold
(309010)
Item # MAF66GL ........... 114.95

6’x 6’ Lame Silver
(3090101)
Item # MAF66LS ........... 114.95

6’x 6’ Griffelyn T-55
B/W (719104)
Item # MAF66GT55BW ........... 59.95

6’x 6’ Griffelyn T-85 B/W (719706)
Item # MAF66GT85BW ........... 79.95

6’x 6’ Muslin Bleached
(309618)
Item # MAF66MB ........... 79.95

6’x 6’ Muslin Unbleached
(309623)
Item # MAF66MU ........... 79.95

6’x 6’ Blue Screen
(309114)
Item # MAF66BLS ........... 143.50

6’x 6’ Green Screen
(309115)
Item # MAF66GRS ........... 143.50

6’x 6’ Grifflector Silver
(570003)
Item # MAF66GS ........... 159.95

6’x 6’ Grifflector Gold
(570000)
Item # MAF66GG ........... 159.95

6’x 6’ Grifflector Checker Board
(719715)
Item # MAF66GC ........... 284.95

6’x 6’ Matthflector Silver
(309606)
Item # MAM 66S ........... 139.95

6’x 6’ Matthflector Gold
(309611)
Item # MAM 66G ........... 139.95

6’x 6’ Overhead Set
(309080)
Item # MABFK66 ........... 629.95

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
## OVERHEADS & BUTTERFLYS 8' x 8'

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>MAF1212ASW</td>
<td>8' x 8' Double Scrim-White</td>
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<tr>
<td>MAF88WD</td>
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<tr>
<td>MAF88ASW</td>
<td>Item # MAF88ASW</td>
<td>102.95</td>
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<td>MAF88SB</td>
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<tr>
<td>GCSW</td>
<td>Item # MAF88CSW</td>
<td>179.95</td>
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<tr>
<td>MAF88CSW</td>
<td>Item # MAF88CSW</td>
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</tr>
<tr>
<td>Lame Silver</td>
<td>12' x 12' China Silk-Black</td>
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<tr>
<td>MAF88SCB</td>
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<tr>
<td>T-55 B/W</td>
<td>12' x 12' Grifflector-Silver</td>
<td>287.50</td>
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<tr>
<td>MAF88T55W</td>
<td>Item # MAF88T55W</td>
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<tr>
<td>Bleached</td>
<td>8' x 8' Grid Cloth</td>
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<tr>
<td>MAF88GC</td>
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<td>Grid Cloth</td>
<td>8' x 8' Grid Cloth Lite</td>
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<td>MAF88GCL</td>
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<tr>
<td>Gold Matthflector</td>
<td>8' x 8' Lame-Gold</td>
<td>401.95</td>
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<tr>
<td>MAF88LG</td>
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<tr>
<td>Gold Matthflector</td>
<td>12' x 12' Gold Matthflector</td>
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<td>MAF88GL</td>
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</tr>
<tr>
<td>8' x 8' Solid Black</td>
<td>12' x 12' Solid Black</td>
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<tr>
<td>MAF1212SB</td>
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<tr>
<td>Barclays</td>
<td>12' x 12' China Silk-White</td>
<td>258.95</td>
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<tr>
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<tr>
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<tr>
<td>8' x 8' China Silk-Black</td>
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<tr>
<td>MAF1212PB</td>
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<tr>
<td>Blue Screen</td>
<td>12' x 12' Griffoly T-55 B/W</td>
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<tr>
<td>MAF88BLS</td>
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</tr>
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## OVERHEADS & BUTTERFLYS 12' x 12'

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<th>Item #</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>MAF1212S</td>
<td>12' x 12' Double Scrim-Black</td>
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<td>MAF1212SB</td>
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<tr>
<td>Silver</td>
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<tr>
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<td>MAF1212PB</td>
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<tr>
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<tr>
<td>MAF1212PB</td>
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<td>Sky Blue</td>
<td>12' x 12' Griffoly T-55 B/W</td>
<td>231.95</td>
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<tr>
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<td>12' x 12' China Silk-Black</td>
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<td>Sky Blue</td>
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<td>8' x 8' China Silk-Black</td>
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<td>231.95</td>
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<tr>
<td>MAF1212BLS</td>
<td>Item # MAF1212BLS</td>
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</tbody>
</table>

## ORDER & INFORMATION

1-800-947-9941 • www.bhphotovideo.com

B&H PHOTO - VIDEO - PRO AUDIO
OVERHEADS AND BUTTERFLYS 20’ x 20’

20’ x 20’ Single Scrim
- Black (319686)
  Item # MAF2020BSB ...635.50

20’ x 20’ Single Scrim
- White (319645)
  Item # MAF2020WBS ...635.50

20’ x 20’ Double Scrim
- Black (319599)
  Item # MAF2020ASB ...382.50

20’ x 20’ Double Scrim
- White (319616)
  Item # MAF2020WBD ...1184.95

20’ x 20’ Artificial Silk
- Black (319544)
  Item # MAF2020ASB ...344.50

20’ x 20’ Artificial Silk
- White (319544)
  Item # MAF2020AS ....582.95

20’ x 20’ Solid Scrim
- Black (319524)
  Item # MAF2020SB ...382.50

20’ x 20’ China Silk
- Black (319644)
  Item # MAF2020CWB ...988.95

20’ x 20’ Grid Cloth
- Black (319615)
  Item # MAF2020CGB ...784.95

20’ x 20’ China Silk Black
- White (319644)
  Item # MAF2020CSB ...988.95

20’ x 20’ Grid Cloth Lite
- Black (319614)
  Item # MAF2020GCB ...784.95

20’ x 20’ China Silk Black
- Silver (309608)
  Item # MAM2020S ...887.95

20’ x 20’ Grid Cloth Lite
- Silver (309608)
  Item # MAM2020S ...887.95

20’ x 20’ Lame Silver
- Black (309106)
  Item # MAF2020LS ...642.95

20’ x 20’ Lame Gold
- Black (309107)
  Item # MAF2020LG ...642.95

OVERHEADS AND BUTTERFLYS 12’ x 20’

12’ x 20’ Single Scrim
- Black (319684)
  Item # MAF1220BSB ...229.50

12’ x 20’ Double Scrim
- Black (319685)
  Item # MAF1220WBD ...1184.95

12’ x 20’ Artificial Silk
- Black (319687)
  Item # MAF1220ASB ...229.50

12’ x 20’ Artificial Silk
- White (319687)
  Item # MAF1220ASW ...229.50

12’ x 20’ Solid Scrim
- Black (319627)
  Item # MAF1220SB ...322.50

OVERHEADS AND BUTTERFLYS 20’ x 30’

20’ x 20’ Single Scrim-Black
- (319625)
  Item # MAF2030SSB ...536.95

20’ x 20’ Single Scrim-White
- (319625)
  Item # MAF2030WBS ...536.95

20’ x 20’ Double Scrim-Black
- (319627)
  Item # MAF2030ASB ...602.50

20’ x 20’ Double Scrim-White
- (319627)
  Item # MAF2030WSB ...602.50

20’ x 20’ 1/4 Stop Silk
- Black (319646)
  Item # MAF2020.25SB ...619.95

20’ x 20’ 1/4 Stop Silk
- White (319646)
  Item # MAF2020.25SW ...582.95

20’ x 20’ Grifflector Silver
- Black (570005)
  Item # MAF2020GS ...1144.95

20’ x 20’ Grifflector Silver
- White (570002)
  Item # MAF2020GW ...1144.95

20’ x 20’ Grifflector Checker Board
- Black (719713)
  Item # MAF2020GCB ...1894.95

20’ x 20’ Grifflector Checker Board
- White (719713)
  Item # MAF2020GCB ...1894.95

20’ x 20’ Grifflector Gold
- Black (309613)
  Item # MAM2020G ...887.95

20’ x 20’ Grifflector Gold
- Silver (309613)
  Item # MAM2020G ...887.95

20’ x 20’ Griffoly T-55 B/W
- Black (719547)
  Item # MAF2020GT55B ...258.50

20’ x 20’ Griffoly T-85 B/W
- Black (719547)
  Item # MAF2020GT85B ...225.95

OVERHEADS AND BUTTERFLYS 30’ x 30’

30’ x 30’ Artificial Silk-White
- Black (319628)
  Item # MAF3030ASW ...755.95

30’ x 30’ Artificial Silk-White
- Silver (319628)
  Item # MAF3030ASW ...755.95

30’ x 30’ Artificial Silk-White
- Gold (319632)
  Item # MAF3030ASG ...988.95

30’ x 30’ Artificial Silk-White
- Silver (319632)
  Item # MAF3030ASG ...988.95

30’ x 30’ Artificial Silk-White
- Black (319633)
  Item # MAF3030ASB ...849.50

30’ x 30’ Artificial Silk-White
- White (319633)
  Item # MAF3030ASW ...849.50

30’ x 30’ Grid Cloth-Black
- Black (319631)
  Item # MAF3030GCB ...1499.95

30’ x 30’ Grid Cloth-Black
- White (319631)
  Item # MAF3030GCB ...1499.95

30’ x 30’ Grid Cloth-White
- Black (319634)
  Item # MAF3030GWB ...1499.95

30’ x 30’ Grid Cloth-White
- White (319634)
  Item # MAF3030GWB ...1499.95

30’ x 30’ Muslin (Bleached)
- Black (319633)
  Item # MAF3030MBS ...1132.95

30’ x 30’ Muslin (Bleached)
- White (319633)
  Item # MAF3030MBS ...1132.95

30’ x 30’ Muslin (Unbleached)
- Black (319634)
  Item # MAF3030MUS ...582.95

30’ x 30’ Muslin (Unbleached)
- White (319634)
  Item # MAF3030MUS ...582.95

30’ x 30’ Muslin (Unbleached)
- Black (319634)
  Item # MAF3030MUS ...582.95

30’ x 30’ Muslin (Unbleached)
- White (319634)
  Item # MAF3030MUS ...582.95
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<thead>
<tr>
<th>FABRIC</th>
<th>FABRIC WIDTH</th>
<th>APPROX. LIGHT LOSS</th>
<th>WEBBING COLOR</th>
<th>PRIMARY USE</th>
<th>SAFETY CHARACTERISTICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Scrim - Black</td>
<td>24’</td>
<td>0.6 Stops</td>
<td>White</td>
<td>Reduction of light intensity without changing pattern or color temperature.</td>
<td>Flame Retardent</td>
</tr>
<tr>
<td>Single Scrim - White</td>
<td>24’</td>
<td>0.5 Stops</td>
<td>White</td>
<td>Reduction of direct light, but softens effect by introducing ambient bounce.</td>
<td>Flame Retardent</td>
</tr>
<tr>
<td>Double Scrim - Black</td>
<td>24’</td>
<td>1.2 Stops</td>
<td>Red</td>
<td>Greater reduction of light intensity without changing pattern or color temperature.</td>
<td>Flame Retardent</td>
</tr>
<tr>
<td>Double Scrim - White</td>
<td>24’</td>
<td>1.0 Stops</td>
<td>White</td>
<td>Greater reduction of direct light, but softens effect by introducing ambient bounce.</td>
<td>Flame Retardent</td>
</tr>
<tr>
<td>Triple Scrim - Black</td>
<td>24’</td>
<td>1.8 Stops</td>
<td>Blue</td>
<td>Greatest reduction of light intensity without changing pattern or color temperature. Could project a moiré pattern.</td>
<td>Flame Retardent</td>
</tr>
<tr>
<td>Silk (Artificial) - White</td>
<td>60”</td>
<td>1.6 Stops</td>
<td>Gold</td>
<td>Softens and diffuses direct light, and introduces a significant amount of ambient bounce.</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>Silk (Artificial) - Black</td>
<td>60”</td>
<td>1.8 Stops</td>
<td>Black</td>
<td>Softens and diffuses direct light, without introducing ambient bounce.</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>Solid</td>
<td>54’</td>
<td>100%</td>
<td>Black</td>
<td>Blocks 100% of light.</td>
<td>Flame Retardent</td>
</tr>
<tr>
<td>1/4 Stop Silk - White</td>
<td>118”</td>
<td>0.6 Stops</td>
<td>White</td>
<td>Slightly softens and diffuses light. Without much reduction of light intensity. Introduces a significant amount of ambient bounce.</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>1/4 Stop Silk - Black</td>
<td>118”</td>
<td>0.7 Stops</td>
<td>Black</td>
<td>Slightly softens and diffuses light. Does not introduce ambient bounce.</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>China Silk - White</td>
<td>45”</td>
<td>1.0 Stops</td>
<td>White</td>
<td>Softens light without a great reduction of intensity. Introduces a significant amount of ambient bounce.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>China Silk - Black</td>
<td>45”</td>
<td>1.0 Stops</td>
<td>Black</td>
<td>Softens light without a great reduction of intensity.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Grid Cloth</td>
<td>54”</td>
<td>2.6 Stops</td>
<td>White</td>
<td>Heavy diffusion of light. Introduces a considerable amount of ambient bounce.</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>Light Grid Cloth</td>
<td>54”</td>
<td>2.0 Stops</td>
<td>White</td>
<td>Medium diffusion of light. Introduces a considerable amount of ambient bounce.</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>Silver Lame’</td>
<td>54”</td>
<td>N/A</td>
<td>White</td>
<td>Medium soft reflector.</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>Gold Lame’</td>
<td>54”</td>
<td>N/A</td>
<td>White</td>
<td>Medium soft reflector with warming effect.</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>Silver Grifflector</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Soft reflector.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Gold Grifflector</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Soft reflector with warming effect.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Checkerboard Grifflector</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>A soft reflector in a silver and gold checkerboard pattern, which adds a slight warming effect to the reflected light.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Silver Matthflector</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Ultra soft reflector.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Gold Matthflector</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Ultra soft reflector with warming effect.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Griffolyn - Black/ White T55</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Shiny white reflector on one side, shiny black on the other.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Griffolyn - Black/ White T85</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Soft white reflector on one side, flat black on the other.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Griffolyn - White/ White T55</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Flat white reflector on both sides.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Bleached Muslin</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Flat white reflector, Can also be used for heavy diffusion of light.</td>
<td>Flame Retardent</td>
</tr>
<tr>
<td>Unbleached Muslin</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Warm white reflector. Can also be used for heavy diffusion of light.</td>
<td>Flame Retardent</td>
</tr>
<tr>
<td>Blue Screen</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Used for Chroma Key background.</td>
<td>Not Treated</td>
</tr>
<tr>
<td>Green Screen</td>
<td>N/A</td>
<td>White</td>
<td>White</td>
<td>Used for Chroma Key background.</td>
<td>Not Treated</td>
</tr>
</tbody>
</table>
## RAG BAGS

Made from Nylon Pack Cloth with a Cordura bottom, these bags are ideal for storing Butterfly and Overhead Rags individually to keep them clean, not allowing one wet rag to contaminate the others. Color coded for easy recognition of contents. The double draw strings pull through grommets for long wear.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Color</th>
<th>Size</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>MARBSW</td>
<td>White</td>
<td>Small</td>
<td>18.50</td>
</tr>
<tr>
<td>MARBSR</td>
<td>Red</td>
<td>Small</td>
<td>18.50</td>
</tr>
<tr>
<td>MARBSY</td>
<td>Yellow</td>
<td>Small</td>
<td>18.50</td>
</tr>
<tr>
<td>MARBSRB</td>
<td>Royal Blue</td>
<td>Small</td>
<td>18.50</td>
</tr>
<tr>
<td>MARBSB</td>
<td>Black (oversize)</td>
<td>Small</td>
<td>18.50</td>
</tr>
<tr>
<td>MARBSGR</td>
<td>Green</td>
<td>Small</td>
<td>18.50</td>
</tr>
<tr>
<td>MARBSWP</td>
<td>White</td>
<td>Small</td>
<td>19.95</td>
</tr>
<tr>
<td>MARBSRP</td>
<td>Red</td>
<td>Small</td>
<td>19.95</td>
</tr>
<tr>
<td>MARBSPY</td>
<td>Yellow</td>
<td>Small</td>
<td>19.95</td>
</tr>
<tr>
<td>MARBSRBP</td>
<td>Royal Blue</td>
<td>Small</td>
<td>19.95</td>
</tr>
</tbody>
</table>

## ROADRAGS and ROADRAGS II

ROADRAGS and ROADRAGS II are a new, patented, portable lighting modification system that allows the location photographer/videographer the ability to quickly and easily duplicate studio lighting effects on location using their portable lights. ROADRAGS consists of two folding 18” x 24” frames, single scrim, double scrim, artificial silk and flag with convenient carrying bag. Optional reflector panels are also available. ROADRAGS II comes with exactly the same items as original ROADRAGS except they are manufactured in the larger 24” x 36” configuration. The elastic corded frames easily fold for storing and transporting. A simple “flick of the wrist” is all that’s required to quickly open the frame making it ready to use. By using the different materials the photographer/cinematographer/videographer is able to quickly create contrasts, different light ratios, diffusion or block the light. The ROADRAGS kits will fit into most portable lighting kits.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARRK</td>
<td>RoadRags Kit</td>
<td>159.95</td>
</tr>
<tr>
<td>MARR2K</td>
<td>RoadRags II Kit</td>
<td>252.95</td>
</tr>
</tbody>
</table>

## OVERHEAD STORAGE BAGS

Just the thing to keep Over-heads clean and dry. Each size holds one set.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Size</th>
<th>Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASBBF66</td>
<td>6’x 6’</td>
<td>Storage Bag</td>
<td>28.95</td>
</tr>
<tr>
<td>MASBBF88</td>
<td>8’x 8’</td>
<td>Storage Bag</td>
<td>28.95</td>
</tr>
<tr>
<td>MASBOH1212</td>
<td>12’x 12’</td>
<td>Storage Bag</td>
<td>28.95</td>
</tr>
<tr>
<td>MASBOH2020</td>
<td>20’x 20’</td>
<td>Storage Bag</td>
<td>58.50</td>
</tr>
</tbody>
</table>
DOTS

Dots are very thin spring steel frames with a mounting pin. Designed to fit Hollywood Superflex, Flex Arm, or a Grip Head. Dots and Fingers are most commonly used for manipulating or controlling light in small areas. Three sizes 3”, 6” and 10” are available. Pin is color coded for easy identification of fabric covering.

3” Matthflector Dot
Item # MAD M3 (219064) .......................... 24.50
6” Matthflector Dot
Item # MAD M6 (219065) .......................... 24.50
10” Matthflector Dot
Item # MAD M10 (219067) ......................... 26.50
6” Single Scrim Dot - Black (219066)
Item # MAD S6 (219066) .......................... 19.50
10” Single Scrim Dot - Black (2191610)
Item # MAD S10 (2191610) ......................... 19.50
3” Double Scrim Dot - Black (219073)
Item # MAD D3 (219073) ........................... 19.50
6” Double Scrim Dot - Black (219076)
Item # MAD D6 (219076) ........................... 19.50
10” Double Scrim Dot - Black (2191710)
MADD10 ............................................. 19.50
3” Solid Dot
Item MAD S3Q (219083) .......................... 17.95
6” Solid Dot
Item MAD S6Q (219096) .......................... 17.95
10” Solid Dot
Item MAD S10Q (219010) ......................... 17.95
3” Artificial Silk Dot
Item MAD AS3 (219093) .......................... 17.95
6” Artificial Silk Dot - White
Item MAD AS6 (219096) .......................... 17.95
10” Artificial Silk Dot - White
Item MAD AS10 (219010) ......................... 17.95
3” Lavender Dot
Item MAD L3 (219193) ............................ 17.95
6” Lavender Dot
Item MAD L6 (219196) ............................ 17.95
10” Lavender Dot
Item MAD L10 (219110) .......................... 17.95
3” Single Scrim Dot - White
Item MAD SS3Q (219093) ......................... 19.50
6” Single Scrim Dot - White
Item MAD SS6Q (219096) ......................... 19.50
10” Single Scrim Dot - White
Item MAD SS10 (219010) ......................... 19.50
3” 1/4 Stop Silk Dot - White
Item # MAD SS3Q (219114) ....................... 17.95
6” 1/4 Stop Silk Dot - White
Item # MAD SS6Q (219115) ....................... 17.95
10” 1/4 Stop Silk Dot - White
Item # MAD SS10 (219116) ....................... 19.50
Dots Set - 18 Dots (219005)
Includes: 2 singles, 2 Doubles, 1 Solid and 1 Artificial Silk.
Item # MAD S .................................... 348.50

FINGERS

Similar construction as Dots, only their shape is different. Pin is color coded for easy identification.

2” x 12” Matthflector Finger
Silver/Gold (229074)
Item # MAF M212 (229074) ....................... 26.50
4” x 14” Matthflector Finger
Silver/Gold (229075)
Item # MAF M414 (229075) ....................... 26.95
2” x 12” Single Finger
Single Scrim Black (229742)
Item # MAF S212 (229742) ....................... 12.95
4” x 14” Single Finger
Single Scrim Black (229724)
Item # MAF S414 (229724) ....................... 16.95
2” x 12” Double Finger
Double Scrim Black (229732)
Item # MAF D212 (229732) ....................... 14.95
4” x 14” Double Finger
Double Scrim Black (229734)
Item # MAF D414 (229734) ....................... 18.50
2” x 12” Solid Finger
Double Scrim Black (229734)
Item # MAF S212 (229734) ....................... 12.95
4” x 14” Solid Finger
Double Scrim Black (229734)
Item # MAF S414Q (229734) ..................... 14.95
2” x 12” Artificial Silk Finger
White (229732)
Item # MAF S212 (229732) ....................... 12.95
4” x 14” Artificial Silk Finger
White (229754)
Item # MAF S414 (229754) ....................... 14.95
2” x 12” Lavender Finger
White (229732)
Item # MAF L212 (229732) ....................... 12.95
4” x 14” Lavender Finger
White (229754)
Item # MAF L414 (229754) ....................... 14.95
2” x 12” Single Scrim Finger
White (229742)
Item # MAF S212 (229742) ....................... 12.95
4” x 14” Single Scrim Finger
White (229742)
Item # MAF S414 (229742) ....................... 14.95
2” x 12” 1/4 Stop Silk Finger
White (229734)
Item # MAF S212 (229734) ....................... 12.95
4” x 14” 1/4 Stop Silk Finger
White (229754)
Item # MAF S414 (229754) ....................... 13.50
Fingers Set - 12 Fingers (229076)
Includes: 2 Singles, 2 Doubles, 1 Solid and 1 Artificial Silk.
Item # MAF S .................................... 224.50
Bend-A-Dots and Fingers are manufactured with a soft annealed metal shaft. This pliable handle make setting the Dot or Finger in a precise position a “no brainer”. The soft metal shaft, which inserts into a Flex Arm or Grip Head, is securely held as part of the Dot or Finger with a small allen set screw. By releasing the set screw one can insert various length shafts. Shafts as long as two or three feet can be inserted.

FLEX SCRIMS
Flex Scrim Frames are made of a slightly heavier spring steel and are available in both Open End and Solid Frames. The MSE Flex Scrim Frames have pins for easy mounting into either a Hollywood Superflex Arm, a Flex Arm or a Grip Head. They are color coded on one of the pins for easy identification of the fabric sewn on. Flex Scrim Frames are available in a variety of fabrics. MSE Flex Frames are black powder coated to minimize unwanted reflections.

Artificial Silk-White
10˝x 12˝ Flex Scrim-Base (B238123) Item #MASF1012AS .......19.50
10˝x 12˝ Flex Scrim-1/4 Stop Silk-White (B238126) Item #MASF1012C5W .......26.95
10˝x 12˝ Flex Scrim-1/4 Stop Silk-Black (B238126) Item #MASF1012C5B .......24.95
10˝x 12˝ Flex Scrim-China Silk-White (B238127) Item #MASF1012C5SW .......26.95
10˝x 12˝ Flex Scrim-China Silk-Black (B238127) Item #MASF1012C5SB .......26.95
12˝x 20˝ Flex Scrim-Black (238225) Item #MASF1220 ..........32.95
12˝x 20˝ Flex Scrim-Solid (238229) Item #MASF1220Q ......24.95
12˝x 20˝ Flex Scrim-Double-Black (238221) Item #MASF1220 ..........32.95
12˝x 20˝ Flex Scrim-Double-Black (238221) Item #MASF1220 ..........32.95
### BEN D-A-FLEX

Same as the Bend-A-Dot and Fingers, only as Flex Scrims and Flags. All other details are identical.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10”x 12” Bend-A-Flex Scrim-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single-Black (239120)</td>
<td>Item # MASSBAF1012</td>
<td>$23.95</td>
</tr>
<tr>
<td>10”x 12” Bend-A-Flex Scrim-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double-Black (239121)</td>
<td>Item # M ASD BAF1012</td>
<td>$23.95</td>
</tr>
<tr>
<td>12”x 12” Bend-A-Flex Scrim-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Artificial Silk-White (239123)</td>
<td>Item # M ASBAF1012S</td>
<td>$19.95</td>
</tr>
<tr>
<td>12”x 12” Bend-A-Flex Scrim-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid (239122)</td>
<td>Item # M ASBAF1012S</td>
<td>$19.95</td>
</tr>
<tr>
<td>12”x 20” Bend-A-Flex Scrim-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single-Black (239220)</td>
<td>Item # M ASBAF1220</td>
<td>$24.50</td>
</tr>
<tr>
<td>12”x 20” Bend-A-Flex Scrim-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double-Black (239221)</td>
<td>Item # M ASBAF1220</td>
<td>$26.50</td>
</tr>
</tbody>
</table>

### OPEN END SCRIMS

Open End Frames are made of spring steel with a 3/8” pin and support which can be used to hang the Scrim from the C Stand handle when not in use. The two upright arms of the frame are slotted at the two open ends to retain the piano wire woven through the fabric to make up the fourth side of the frame without causing a shadow. Open Ends are used to control or manipulate light falling on certain areas of the set or subject. They can be used to soften or reduce light without a noticeable edge. A color coded binding is used around the frame to identify the fabric. MSE Open end Frames are black powder coated to minimize unwanted reflections.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12x18” Single Scrim Black</td>
<td>(149052)</td>
<td>$27.95</td>
</tr>
<tr>
<td>Item # M AS1218SB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12x18” Single Scrim White</td>
<td>(149059)</td>
<td>$27.95</td>
</tr>
<tr>
<td>Item # M AS1218SW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12x18” Double Scrim Black</td>
<td>(149056)</td>
<td>$27.95</td>
</tr>
<tr>
<td>Item # M AS1218DB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12x18” Double Scrim White</td>
<td>(149047)</td>
<td>$27.95</td>
</tr>
<tr>
<td>Item # M AS1218DW</td>
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<tr>
<td>12x18” Triple Scrim Black</td>
<td>(149169)</td>
<td>$33.95</td>
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<tr>
<td>Item # M AS1218T</td>
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<tr>
<td>12”x 18” Artificial Silk-Black</td>
<td>(149043)</td>
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</tr>
<tr>
<td>Item # M AS1218ASW</td>
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</tr>
<tr>
<td>12”x 18”/4 Stop Silk Black</td>
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<td></td>
</tr>
<tr>
<td>Black (B149046)</td>
<td>Item # M AS121825SB</td>
<td>$24.50</td>
</tr>
<tr>
<td>12”x 18” China Silk White</td>
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<tr>
<td>White (C238128)</td>
<td>Item # M AS1218CSW</td>
<td>$24.95</td>
</tr>
<tr>
<td>12”x 18” China Silk Black</td>
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</tr>
<tr>
<td>Black (B238128)</td>
<td>Item # M AS1218CSB</td>
<td>$24.95</td>
</tr>
<tr>
<td>12”x 18” Lavender (149044)</td>
<td>Item # M AS1218L</td>
<td>$21.95</td>
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<tr>
<td>18”x 24” Single Scrim Black</td>
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</tr>
<tr>
<td>Black (149066)</td>
<td>Item # M AS1218S</td>
<td>$26.95</td>
</tr>
<tr>
<td>18”x 24” China Silk White</td>
<td></td>
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</tr>
<tr>
<td>White (149547)</td>
<td>Item # M AS1824SW</td>
<td>$27.95</td>
</tr>
<tr>
<td>18”x 24” China Silk Black</td>
<td></td>
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</tr>
<tr>
<td>Black (149555)</td>
<td>Item # M AS1824CSB</td>
<td>$27.95</td>
</tr>
<tr>
<td>18”x 24” Lavender (149546)</td>
<td>Item # M AS1824L</td>
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</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>24”x 30” Single Scrim Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black (149105)</td>
<td>Item # M AS2430SB</td>
<td>$38.95</td>
</tr>
<tr>
<td>24”x 30” Single Scrim White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White (149109)</td>
<td>Item # M AS2430SW</td>
<td>$38.95</td>
</tr>
<tr>
<td>24”x 30” Double Scrim Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black (149106)</td>
<td>Item # M AS2430DB</td>
<td>$42.95</td>
</tr>
<tr>
<td>24”x 30” Double Scrim White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White (149111)</td>
<td>Item # M AS2430DW</td>
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</tr>
<tr>
<td>24”x 30” Triple Scrim Black</td>
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<tr>
<td>Black (149171)</td>
<td>Item # M AS2430T</td>
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<tr>
<td>24”x 30” Triple Scrim White</td>
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</tr>
<tr>
<td>White (149107)</td>
<td>Item # M AS2430ASW</td>
<td>$32.95</td>
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</tbody>
</table>
OPEN END SCIRMS (cont.)

24” x 30” 1/4 Stop Silk
White (149110)
MAS2430.25SW ...........39.95

24” x 30” Lavender (149108)
Item # MASA2430L ........32.95

24” x 36” Single-Black (149063)
Item # MASA2436SB ........38.95

24” x 36” Single-White (149551)
Item # MASA2436SW ........38.95

24” x 36” Double Scrim
Black (1499064)
Item # MASA2436DB ........48.50

24” x 36” Double Scrim
White (149552)
Item # MASA2436DW ........49.95

24” x 36” Triple Scrim
Black (149172)
Item # MASA2436TB ........59.95

24” x 36” Artificial Silk
White (149566)
Item # MASA2436ASW ........36.50

24” x 36” Artificial Silk
Black (149566)
Item # MASA2436ASB ........36.50

24” x 36” China Silk
White (149556)
Item # MASA2436CSW ........48.50

24” x 36” China Silk
Black (149556)
Item # MASA2436CSB ........48.50

24” x 36” Lavender (149548)
Item # MASA2436L ...........36.50

24” x 48” Single Scrim
Black (149067)
Item # MASA2448SB ...........48.50

24” x 48” Double Scrim
Black (149068)
Item # MASA2448DB ...........66.95

24” x 48” 1/4 Stop Silk
White (159014)
Item # MASA4848D B ........109.50

24” x 48” 1/4 Stop Silk
Black (B149021)
Item # MASA4848DB ........119.95

24” x 48” Triple Scrim
Black (159177)
Item # MASA4848T ...........149.50

24” x 48” 1/4 Stop Silk
White (159022)
Item # MASA4848.25SW .......94.95

24” x 48” 1/4 Stop Silk
Black (B159021)
Item # MASA4848.25SB .......94.95

24” x 48” China Silk
White (159031)
Item # MASA4848CSW ........102.95

24” x 48” China Silk
Black (B159031)
Item # MASA4848CSB ..........102.95

24” x 48” Lavender (159019)
Item # MASA4848DL ...........86.50

24” x 48” Lavender (159019)
Item # MASA4848DL ...........86.50

ROAD RAGS

A new, patented, portable lighting modification system that allows the location photographer/ videographer the ability to quickly and easily duplicate studio lighting effects on location using their portable lights. RoadRags consists of two folding 18x24” (46x61cm) frames, single scrim, double scrim, artificial silk and flag with convenient carry bag. The elastic corded frames easily fold for storage and transport. A simple flick of the wrist is all that’s required to quickly open the frame making it ready for use. By using the different materials the photographer/ cinematographer/ videographer is able to quickly create contrasts, different light ratios, diffusion or block the light. The RoadRags kit fits into most portable lighting kits. Covered by existing U.S. Patents.

MSE Road Rags (PN350595)
Item # MARRK .................159.95

SOLID FRAME SCRIMS

To keep weight to a minimum and yet get maximum strength, all MSE Solid Frames are made of 3/8” thin wall tubing. The mounting pin is solid rod. The 48” x 48” frames are made with two “ears” at the bottom to protect fabric when frames are slid in and out of their storage boxes or can be used as a point to tie off when frames are used in certain conditions. Can also be ordered without “ears”. Solid Frames are black powder coated to minimize reflections.

48” x 48” Double Scrim
Black (159013)
Item # MASA4848SB ...........94.50

48” x 48” Single Scrim
White (159020)
Item # MASA4848SW ...........104.50

48” x 48” Single Scrim
White (159020)
Item # MASA4848SW ...........104.50

48” x 48” Double Scrim
White (159021)
Item # MASA4848D B ...........109.50

48” x 48” 1/4 Stop Silk
White (159022)
Item # MASA4848DB ..........119.95

48” x 48” 1/4 Stop Silk
Black (B159021)
Item # MASA4848DB ..........119.95

48” x 48” Triple Scrim
Black (159177)
Item # MASA4848T ...........149.50

48” x 48” 1/4 Stop Silk
White (159022)
Item # MASA4848DB ..........119.95

48” x 48” Triple Scrim
Black (159177)
Item # MASA4848T ...........149.50

48” x 48” 1/4 Stop Silk
Black (B159021)
Item # MASA4848DB ..........119.95

48” x 48” China Silk
White (159031)
Item # MASA4848CSW ........102.95

48” x 48” China Silk
Black (B159031)
Item # MASA4848CSB ..........102.95

48” x 48” Lavender (159019)
Item # MASA4848DL ...........86.50

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
FLAGS, CUTTERS AND FLOPPIES

Flags are square or rectangular frames with mounting pins attached and covered with a solid cloth material. Used to control light, whether natural or artificial. Flags can be used to protect the camera lens from flares or to control spill light from other sources, or keep light from reaching certain areas on the set. Known as Flags up to 24” x 36”, larger or more irregular sizes are referred to as Cutters. Floppies are Cutters which have an extra layer of material sewn to one edge and held in place with Velcro until needed at which time the Flag or Cutter becomes twice its original size.

12” x 18” Flag (169042) Item # MAF1218 ..........27.95
18” x 24” Flag (169059) Item # MAF1824 ..........36.95
24” x 30” Flag (169010) Item # MAF2430 ..........31.95
24” x 36” Flag (169062) Item # MAF2436 ..........32.50
30” x 36” Flag (169001) Item # MAF3036 ..........34.95
Meat Axe Flag (169178) Item # MAFMAF ..........44.95
10” x 42” Cutter (169003) Item # MAC1042 ..........46.95
18” x 48” Cutter (169004) MAC1848 ...............48.50
24” x 72” Cutter (169067) Item # MAC2472 ..........59.95
24” x 72” Floppy Cutter (169029) Item # MAFC2472Q ......94.50
40” x 40” Cutter (169179) Item # MAC4040 ..........59.95
48” x 48” Cutter (169027) Item MAC4848 ..........66.50

HIGH TEMPERATURE METAL SCRIMS, FLAGS & CUTTERS

For use with HMI Par lights or Xenon light sources. Will not deteriorate when subjected to high temperature output produced by these fixtures. Can be placed as close to the light source as required. High Temperature Flags and Cutters are manufactured with rolled edges to eliminate the guillotine effect. Caution: Allow sufficient time for cooling as these products will retain heat.

24” x 36” High Temperature Metal Open End Single Scrim (436101) Item # MASSHT ..........74.95
24” x 36” High Temperature Metal Open End Double Scrim (436102) Item # MASDHHT ..........84.95
24” x 36” High Temperature Metal Flag (169501) Item # MAFHT ..........69.95
24” x 72” High Temperature Metal Cutter (169002) Item # MACHT ..........139.95

CUCOLORIS

Creates shadow patterns on backgrounds or subjects. A flatly lit wall can be broken up into interesting pools of light and shadow. Lighting directors frequently use them to simulate sunlight filtering through trees. While the wood “cookies” create a distinctive pattern, the Cello “cookie” projects a more subtle pattern. The pattern itself depends on the distance of the light source and the distance to the background.

18” x 24” Wood Cucoloris (189083) Item # MAC1824 ..........88.50
24” x 36” Wood Cucoloris (189094) Item # MAC2436 ..........118.95
48” x 48” Wood Cucoloris (189091) Item # MAC4848 ..........149.95
18” x 24” Celo Cucoloris (199101) Item # MACC1824 ..........49.50
24” x 36” Celo Cucoloris (199102) Item # MACC2436 ..........62.95
48” x 48” Celo Cucoloris (199104) Item # MACC4040 ..........92.50
## SOFT CUCOLORIS

For Butterflies and Overheads the Soft Cucoloris is easily transported and can manipulate larger light sources. They can also drape or bend to create other special effects. The white is similar to the Celco and the black simulates the wood Cucoloris in most respects. The Soft Cucoloris is available in standard butterfly sizes.

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Color</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6' x 6'</td>
<td>Soft Cucoloris Black</td>
<td>MAF66SCB</td>
<td>242.95</td>
</tr>
<tr>
<td>8' x 8'</td>
<td>Soft Cucoloris Black</td>
<td>MAF88SCB</td>
<td>514.50</td>
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<tr>
<td>6' x 6'</td>
<td>Soft Cucoloris White</td>
<td>MAF66SCW</td>
<td>224.50</td>
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<tr>
<td>8' x 8'</td>
<td>Soft Cucoloris White</td>
<td>MAF88SCW</td>
<td>419.95</td>
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<tr>
<td>12' x 12'</td>
<td>Soft Cucoloris Black</td>
<td>MAF1212SCB</td>
<td>747.95</td>
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<tr>
<td>12' x 12'</td>
<td>Soft Cucoloris White</td>
<td>MAF1212SCW</td>
<td>659.95</td>
</tr>
<tr>
<td>20' x 20'</td>
<td>Soft Cucoloris Black</td>
<td>MAF2020SCB</td>
<td>1524.50</td>
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<tr>
<td>20' x 20'</td>
<td>Soft Cucoloris White</td>
<td>MAF2020SCW</td>
<td>1524.50</td>
</tr>
</tbody>
</table>

### DIFFUSION FRAMES (FLAT FRAMES)

The flat edges of these frame make them ideal for quick gel changes with 2 sided tape.

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Item Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>36&quot; x 36&quot;</td>
<td>MAGF3636</td>
<td>79.95</td>
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<tr>
<td>48&quot; x 48&quot;</td>
<td>MAGF4848</td>
<td>89.50</td>
</tr>
<tr>
<td>60&quot; x 60&quot;</td>
<td>MAGF6060</td>
<td>129.95</td>
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<tr>
<td>30&quot; x 36&quot;</td>
<td>MAGF3612K</td>
<td>67.95</td>
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<tr>
<td>48&quot; x 48&quot;</td>
<td>MAGF4812K</td>
<td>61.95</td>
</tr>
</tbody>
</table>

### McGRID

The McGrid is a steel mesh honeycomb panel, which focuses and softens the light passing through it. It fits all Grip Heads and Gobo arms. A hard light source will become a soft light.

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Item Code</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>18&quot; x 24&quot;</td>
<td>MAM1824</td>
<td>168.50</td>
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<tr>
<td>18&quot; x 24&quot;</td>
<td>MAM1824</td>
<td>168.50</td>
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<tr>
<td>40&quot; x 40&quot;</td>
<td>MAM4040</td>
<td>339.95</td>
</tr>
<tr>
<td>McGrid Bag</td>
<td>MAMBZ</td>
<td>59.50</td>
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</tbody>
</table>

### FLAG BAGS AND SCRIM STORAGE BAGS

The new MSE Flag Bags or Scrim Storage Bags are made of 1000 denier polyester fabric exterior shell with a heavy duty zippered closure and carrying handles. The inside is lined with a corrugated plastic to protect the contents and provide stiffness. The interior corrugated liner is replaceable and the bag is provided with one divider of the same material. Additional dividers are available. The Flag Bags will hold eight to ten Flags each. The Scrim Bags hold five.

### Diffusion Frames

![Diffusion Frames Image](image-url)

### McGrid

![McGrid Image](image-url)

### Flag Bags

![Flag Bags Image](image-url)

### Scrim Bag

![Scrim Bag Image](image-url)
## Scrims and Flag Boxes

Scrim and Flag Boxes will hold approximately ten pieces in each box. The 3 Place Scrim/Flag Box will hold ten each Open End Scrim or six Flags for each compartment.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>18&quot; x 24&quot; Scrim/Flag Box</td>
<td>(179541) Item # MASFB1824N</td>
<td>69.95</td>
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<tr>
<td>24&quot; x 30&quot; Scrim/Flag Box</td>
<td>(179548) Item # MASFB2430N</td>
<td>79.95</td>
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<tr>
<td>24&quot; x 36&quot; Scrim/Flag Box</td>
<td>(179542) Item # MASFB2436N</td>
<td>89.95</td>
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</tr>
<tr>
<td>30&quot; x 36&quot; Scrim/Flag Box</td>
<td>(179543) Item # MASFB3036N</td>
<td>99.50</td>
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<tr>
<td>3 Place Scrim/Flag Box</td>
<td>(179563) Item # MASFB3PN</td>
<td>229.95</td>
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</table>

Casted Base for 3 Place Box (179554) Item # MACBSFB3P ......... 252.50

## Frames Only

<table>
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<tr>
<th>Frame Type</th>
<th>Item #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>3&quot; Dot Frame</td>
<td>(709111) Item # MAFD3</td>
<td>8.50</td>
</tr>
<tr>
<td>6&quot; Dot Frame</td>
<td>(709112) Item # MAFD6</td>
<td>8.50</td>
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<tr>
<td>10&quot; Dot Frame</td>
<td>(709113) Item # MAFD10</td>
<td>9.95</td>
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<tr>
<td>2&quot; x 12&quot; Finger Frame</td>
<td>(709114) Item # MAFF212</td>
<td>8.50</td>
</tr>
<tr>
<td>4&quot; x 14&quot; Finger Frame</td>
<td>(709115) Item # MAFF414</td>
<td>8.50</td>
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<tr>
<td>10&quot; x 12&quot; Flex Frame-Open End</td>
<td>(779128) Item # MAFFOE1012</td>
<td>9.95</td>
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<tr>
<td>10&quot; x 12&quot; Flex Frame-Solid</td>
<td>(779699) Item # MAFFS1012</td>
<td>9.95</td>
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<tr>
<td>12&quot; x 20&quot; Flex Frame-Open End</td>
<td>(779129) Item # MAFFOE1220</td>
<td>9.50</td>
</tr>
<tr>
<td>12&quot; x 20&quot; Flex Frame-Solid</td>
<td>(779700) Item # MAFFS1220</td>
<td>9.50</td>
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<tr>
<td>12&quot; x 18&quot; Scrim Frame Open End</td>
<td>(529176) Item # MAFFOE1218</td>
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<td>18&quot; x 24&quot; Scrim Frame Open End</td>
<td>(529177) Item # MAFFOE1824</td>
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<td>24&quot; x 30&quot; Scrim Frame Open End</td>
<td>(529178) Item # MAFFOE2430</td>
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<td>(529179) Item # MAFFOE2436</td>
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<td>(529180) Item # MAFFOE3036</td>
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<td>3 Place Scrim/Flag Box</td>
<td>(539181) Item # MAFFOE1218</td>
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<td>3 Place Scrim/Flag Box</td>
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<td>3 Place Scrim/Flag Box</td>
<td>(539183) Item # MAFFOE2430</td>
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<td>24&quot; x 48&quot; Scrim Frame Open End</td>
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<td>30&quot; x 36&quot; Flag Frame</td>
<td>(539185) Item # MAFFOE3036</td>
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<td>12&quot; x 18&quot; Flag Frame</td>
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<td>18&quot; x 24&quot; Flag Frame</td>
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<td>48&quot; x 48&quot; Flag Frame</td>
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<td>10&quot; x 42&quot; Cutter Frame</td>
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<tr>
<td>24&quot; x 72&quot; Cutter Frame</td>
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<tr>
<td>40&quot; x 40&quot; Cutter Frame</td>
<td>(539189) Item # MAFC4040</td>
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</tbody>
</table>

## BOA Bags

MSE introduces a new concept to a well established piece of grip equipment - BOA BAGS. This versatile stainless steel shot bag quickly wraps around the base of any stand column, brace, tee handle, arm or boom. By placing the weight directly below the weight of the fixture, the weight is actually directed straight down the stand's vertical column holding it firmly in place. The rubber gripper pad wraps around and "sticks" to booms and arms, even at severe angles. The bags own weight actually increases its holding ability! Fast, easy-to-place and remove, BOA BAG is a strong multiple layered bag that's easy to lift and carry. Available in three sizes. Patent Pending.

<table>
<thead>
<tr>
<th>Size</th>
<th>Item #</th>
<th>Price</th>
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<tbody>
<tr>
<td>BOA Bag 5 lbs. Black</td>
<td>(299886) Item # MAWB5B</td>
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<tr>
<td>BOA Bag 10 lbs. Black</td>
<td>(299887) Item # MAWB10B</td>
<td>31.95</td>
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<tr>
<td>BOA Bag 15 lbs. Black</td>
<td>(299888) Item # MAWB15B</td>
<td>39.95</td>
</tr>
</tbody>
</table>
SANDBAGS

Sandbags are used whenever you need extra weight to prevent tipping. You usually “bag” stands, especially when the weight is off center, such as a heavy Scrim. They help stabilize equipment in windy situations and can counter balance Boom Arm applications. MSE fill the Sandbags with sanitized sand to prevent algae growth if they get damp. The empty bags are completely sewn except for a 1” seam, left open to fill, and then sewn closed. This can save on the shipping charges, however it will require a heavy duty machine to sew properly. The Matthbags and the Fly-A-Way bags are a must for the traveling photographer. The bags come empty, and can be filled on site with rocks, gravel, or whatever. The Fly-A-Way has a Velcro strip to seal it and the Matthbag has 4 zippers.

<table>
<thead>
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<th>Size</th>
<th>Item #</th>
<th>Description</th>
<th>Weight (lbs)</th>
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<td>MASB5</td>
<td>Cordura</td>
<td>5</td>
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<td>5-lb. Sandbag</td>
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<td>MASBE5</td>
<td>Empty</td>
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<td>35-lb. Sandbag</td>
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</table>

SHOT BAGS

MSE uses stainless steel shot instead of lead to fill these Black Cordura Bags. Stainless steel will not rust and is environmentally safe.

<table>
<thead>
<tr>
<th>Size</th>
<th>Item #</th>
<th>Description</th>
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<tbody>
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<td>5-lb. Shot Bag</td>
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<tr>
<td>15-lb. Shot Bag</td>
<td>MASB15Q</td>
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<td>15</td>
</tr>
<tr>
<td>25-lb. Shot Bag</td>
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<td>25</td>
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</tbody>
</table>

SOUND BLANKET

Sound Blankets with Grommets can be used to black out a window or to hang in a room when added sound insulation is needed. Sound Blankets can also be used to protect equipment during transportation.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASBG</td>
<td>Sound Blanket with Grommets</td>
<td>38.95</td>
</tr>
</tbody>
</table>
# Accessories

Apple Boxes are some of the handiest tools to have on the set or in the studio. Use them for propping or leveling, sitting or standing. Nail Wall Plates to them to hold low angle lighting fixtures and a multiple of other purposes. They are precisely made, supported in the center, and dimensionally correct. A Full Apple Box is equivalent to two 1/2 boxes, four 1/4 Apples and eight 1/8 Apples (pancake). Basso Blocks supplement conventional Apple Boxes. Their unique design allows them to stack, and to get the same elevating ability as Apples, while occupying 66% less space. A full set of Basso Blocks is equivalent to twelve 1/2 Apples. A half set of Basso Blocks is equivalent to twenty four 1/4 Apples.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAABMF</td>
<td>Full Mini Apple Box</td>
<td>12” x 8” x 10”</td>
<td>19.95</td>
</tr>
<tr>
<td>MAABM.5</td>
<td>Half Mini Apple Box</td>
<td>12” x 4” x 10”</td>
<td>19.95</td>
</tr>
<tr>
<td>MAABM.25</td>
<td>Quarter Mini Apple Box</td>
<td>12” x 2” x 10”</td>
<td>19.95</td>
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<tr>
<td>MAABM18</td>
<td>Eighth Mini Apple Box</td>
<td>2” x 1” x 10”</td>
<td>19.95</td>
</tr>
<tr>
<td>MAABFN</td>
<td>Full Apple Box</td>
<td>12” x 8” x 20”</td>
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<tr>
<td>MAABM.5N</td>
<td>Half Apple Box</td>
<td>12” x 4” x 20”</td>
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<tr>
<td>MAAB.25N</td>
<td>Quarter Apple Box</td>
<td>12” x 2” x 20”</td>
<td>26.50</td>
</tr>
<tr>
<td>MAAB18N</td>
<td>Eighth Apple Box</td>
<td>2” x 1” x 20”</td>
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<tr>
<td>MABBF</td>
<td>Full Basso Block Set</td>
<td>10” x 6.5” x 4”</td>
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<td>MABB.5</td>
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<td>MABBFS</td>
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<tr>
<td>MABB.5S</td>
<td>Half Basso Block Set</td>
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<td>MASBSQ</td>
<td>Stair Block Set</td>
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<td>MACBQ</td>
<td>Cup Block (each)</td>
<td>10” x 6.5” x 20”</td>
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<tr>
<td>MALB2</td>
<td>Basic Lockblock Set</td>
<td>2”</td>
<td>19.50</td>
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<tr>
<td>MALBS</td>
<td>Four 2”, two 4”, two 6” and 28” stacker</td>
<td>266.95</td>
<td></td>
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<tr>
<td>MALB4</td>
<td>4” Lockblock</td>
<td>259566</td>
<td>24.95</td>
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<tr>
<td>MALB6</td>
<td>6” Lockblock</td>
<td>259567</td>
<td>33.95</td>
</tr>
<tr>
<td>MASLB</td>
<td>28” Stacker</td>
<td>259569</td>
<td>66.95</td>
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</tbody>
</table>

Now there is a better way to build, with the new stackable cribbing. Mortise and tenon, mitered joints are glued and nailed for extra strength. Lockblocks come in three sizes, 2”, 4” and 6” high, and include a cup block to for added versatility. Stackable, non slip keyed design won’t slip as blocks are added to reach desired height. Made of natural plywood with a custom chrome stacker.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MACBB</td>
<td>Baby Clip Board</td>
<td>289518</td>
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<tr>
<td>MACBJ</td>
<td>Junior Clip Board</td>
<td>289519</td>
</tr>
<tr>
<td>MACBS</td>
<td>Senior Clip Board</td>
<td>289520</td>
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</table>
MSE Stainless Wire Diffusion is impervious to rust and holds up better under uneven, intense heat, thus making it preferable for use with open face (non Fresnel) lighting fixtures. Stainless Scrims do not diffuse the light, their function is to reduce light output at the source. Scrims do not effect the color temperature and produce no electronic interference. They may be stacked to achieve limitless variation of light intensity. Available from 5” to 29”, to meet the requirements of any professional light in the industry. Scrims are available in single, double, and half single and half double configurations. Halves are employed to reduce a portion of the beam and are commonly used when the light is striking the plane of the subject or background for an angle. The half reduces the light falling on the nearest part of the plane to balance with the light reaching the most distant part of the plane. The outer edges are color keyed for rapid identification. Green-single, green with silver-half single, red-double, and red with silver-half double.
<table>
<thead>
<tr>
<th>Item #</th>
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<td>MADHD12.5</td>
<td>12 1/2˝ Half Double</td>
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<td>MADFH12</td>
<td>12˝ Full Double</td>
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<tr>
<td>MADFH13.5</td>
<td>13 1/2˝ Full Double</td>
<td>21.95</td>
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<tr>
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<td>34.95</td>
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**Scrim Storage Bags**

- Baby Scrim Bag – up to 9˝ (445376) Item MAS88 14.95
- Junior Scrim Bag – 8˝ to 13 1/2˝ (445377) Item MAS8J 19.95
- Senior Scrim Bag – 13 1/2˝ to 21˝ (445388) Item MAS8S 34.95
- Scrim Bag-29˝ (445980) Item MASBBQ 49.95

**Wire Diffusion**

- 12˝ Full Single (445340) Item MADSF12 13.50
- 12˝ Full Double (445342) Item MADFD12 14.95
- 12˝ Half Single (445341) Item MADH12 13.50
- 12˝ Half Double (445343) Item MADHD 14.95
- 12 1/2˝ Full Single (435215) Item MADSF1258 14.95
- 12 1/2˝ Full Double (435217) Item MADFD1258 16.95
- 12 1/2˝ Half Single (435216) Item MADH1258 14.95
- 12 1/2˝ Half Double (435218) Item MADHD1258 16.95
- 13˝ Full Single (435226) Item MADSF13 16.95
- 13˝ Full Double (435227) Item MADFD13 17.95
- 13˝ Half Single (435228) Item MADH13 16.95
- 13˝ Half Double (435229) Item MADHD 17.95
- 13˝ Gel Frame-Pancake (455211) Item MAGF13 21.95
- 13 1/2˝ Full Single (445344) Item MADSF13.5 19.50
- 13 1/2˝ Full Double (445346) Item MADFD13.5 21.95
- 13 1/2˝ Half Single (445345) Item MADH13.5 19.50
- 13 1/2˝ Half Double (445347) Item MADHD13.5 21.95
- 13 1/2˝ Gel Frame (455212) Item MAGF13.5 24.50
- 14˝ Full Single (445351) Item MADSF14 23.50
- 14˝ Full Double (445352) Item MADFD14 26.50
- 14˝ Half Single (445353) Item MADH14 29.95
- 14˝ Half Double (445354) Item MADHD14 34.95
- 14 1/2˝ Full Single (445356) Item MADSF14.5 26.95
- 14 1/2˝ Full Double (445357) Item MADFD14.5 29.95
- 14 1/2˝ Half Single (445358) Item MADH14.5 31.95
- 14 1/2˝ Half Double (445359) Item MADHD14.5 36.95
- 14 1/2˝ Gel Frame (455366) Item MAGF14.5 30.95
- 15˝ Full Single (445360) Item MADSF15 28.95
- 15˝ Full Double (445362) Item MADFD15 31.95
- 15˝ Half Single (445363) Item MADH15 30.95
- 15˝ Half Double (445364) Item MADHD15 34.95
- 16˝ Full Single (435254) Item MADSF16 29.95
- 16˝ Full Double (435256) Item MADFD16 32.95
- 16˝ Half Single (435258) Item MADH16 31.95
- 16˝ Half Double (435259) Item MADHD16 35.95
- 16˝ Gel Frame (455213) Item MAGF16 30.95
- 17˝ Full Single (445367) Item MADSF17 31.95
- 17˝ Full Double (445369) Item MADFD17 34.95
- 17˝ Half Single (445370) Item MADH17 30.95
- 17˝ Half Double (445371) Item MADHD17 34.95
- 17˝ Gel Frame (455372) Item MAGF17 30.95
- 18˝ Full Single (445373) Item MADSF18 34.95
- 18˝ Full Double (445375) Item MADFD18 37.95
- 18˝ Half Single (445376) Item MADH18 30.95
- 18˝ Half Double (445377) Item MADHD18 35.95
- 18˝ Gel Frame (455378) Item MAGF18 30.95
- 19˝ Full Single (445379) Item MADSF19 35.95
- 19˝ Full Double (445381) Item MADFD19 38.95
- 19˝ Half Single (445382) Item MADH19 35.95
- 19˝ Half Double (445383) Item MADHD19 38.95
- 19˝ Gel Frame (455384) Item MAGF19 30.95
- 20˝ Full Single (445385) Item MADSF20 40.95
- 20˝ Full Double (445387) Item MADFD20 43.95
- 20˝ Half Single (445386) Item MADH20 40.95
- 20˝ Half Double (445387) Item MADHD20 43.95
- 20˝ Gel Frame (455388) Item MAGF20 30.95
- 21˝ Full Single (445390) Item MADSF21 43.95
- 21˝ Full Double (445392) Item MADFD21 45.95
- 21˝ Half Single (445391) Item MADH21 43.95
- 21˝ Half Double (445392) Item MADHD21 46.95
- 21˝ Gel Frame (455393) Item MAGF21 30.95

**Light Control**

- SCRIM STORAGE BAGS
- WIRE DIFFUSION/SCRIM BAGS
MSE offers several kits and packages to take care of just about any need. The kits come complete with carrying case for easy travel.

### Survival Kits and Packages

### Combo Scrim/Flag Kit (622005)
- Includes:
  - 6-18”x24” flags
  - 6-24”x36” flags
  - 3-18”x24” single scrims
  - 3-24”x36” single scrims
  - 3-18”x24” double scrims
  - 3-24”x36” double scrims
  - 2-18”x24” artificial silk
  - 2-24”x36” artificial silk
  - 1-18”x24” wood cucoloris
  - 1-24”x36” wood cucoloris
  - 1-Carrying case.

Item # MACSFK ............. 1684.95

### 6’ x 6’ Butterfly Survival Kit (999007)
- Includes:
  - 1-6’x6’ break-a-part frame (309073)
  - 1-single scrim (309081)
  - 1-double scrim (309082)
  - 1-solid (309083)
  - 1-artificial silk (309084)
  - 1-Carrying case (242105).

Item # MASK66 ................. 1119.95

### Flex Scrim Survival Kit (999001)
- Includes:
  - 3-superflex
  - 3-super mafer clamps
  - 3-snap in pins for mafer 5/8”
  - 2-flex clamps
  - 1-10”x12” single-black
  - 1-10”x12” double
  - 1-10”x12” artificial silk
  - 1-10”x12” solid
  - 1-12”x20” single-black
  - 1-12”x20” double
  - 1-12”x20” artificial silk
  - 1-12”x20” solid
  - 1-dot & finger pouch
  - 1-carrying case.

Item # MAFK ................. 1576.95

### Dot & Finger Survival Kit (999003)
- Includes:
  - 2-3”, 6” and 10” single dots
  - 2-3”, 6” and 10” double dots
  - 1-3” solid dot
  - 1-6” solid dot
  - 1-10” solid dot
  - 1-3” artificial silk dot
  - 1-6” artificial silk dot
  - 1-10” artificial silk dot
  - 2-2”x12” single fingers
  - 2-4”x14” single fingers
  - 2-2”x12” double fingers
  - 2-4”x14” double fingers
  - 1-2”x12” solid finger
  - 1-4”x14” solid finger
  - 1-2”x12” artificial silk finger
  - 1-4”x14” artificial silk finger
  - 1-carrying case.

Item # MADFK .............. 638.50

### Reflector Survival Kit (999002)
- Includes:
  - 2-pivoting yolks
  - 1-standard silver 40”x40” matthboard
  - 1-silver fill 40”x40” matthboard
  - 1-carrying case.

Item # MARK ............. 1031.95

### C+ Survival Kit (999004)
- Includes:
  - 2-c+ stands
  - 2-adapters-1” to 5/8”
  - 2-2” “just grip” heads
  - 2-40” gobo arms “just grip”
  - 4-math bags
  - 2-12”x18” flags
  - 2-12”x18” single scrim-black
  - 2-12”x18” double scrim-black
  - 2-12”x18” artificial silk diffuser
  - 1-carrying case.

Item # MACK .............. 1224.95

### 6’ x 6’ Light Duty Butterfly Kit (309108)
- Includes:
  - 2-light heavy double riser stands (B367487)
  - 2-2” “just grip” grip heads
  - 1-6x6’ snap-a-part frame (309071)
  - 1-artificial silk (309084)
  - 1-black/white griffylon (719104)
  - 1-carrying bag (445389).

Item # MABLDFK66 .............. 622.95

### RoadRags C-Vival Kit
- Specifically designed for the run and gun shooter who must move quickly and create studio quality images, this new kit contains two 40” Matthews C+, C-stands, a ROADRAGS kit which includes a single, double, silk and a flag and the convenient MiniGrip kit for quick mounting of the light modification devices to the light-stand. Packaged as a self contained kit, the heavy duty case includes wheels for easy transport and maneuverability.

Item # MARRCK ............ 719.95

### Mathew’s Studio Equipment}

**For Any Inquiries Regarding Your Order, Call Our Customer Service:**
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549

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**Lighting Control Kits**

---

**6’ x 6’ Light Control Kit**
- Kit contains:
  - 1-18”x24” single scrim
  - 1-18”x24” double scrim
  - 1-artificial silk
  - 1-flag
  - 1-cello cucoloris
  - 1-wood cucoloris
  - 1-carrying bag.

Item # MALCK1824 ............ 412.50

**24” x 36” Light Control Kit**
- Kit contains:
  - 1-24”x36” single scrim
  - 1-24”x36” double scrim
  - 1-artificial silk
  - 1-flag
  - 1-cello cucoloris
  - 1-wood cucoloris
  - 1-carrying bag.

Item # MALCK2436 ............ 543.95
SOFTLIGHTER/SUNBUSTER 75

If you photograph people, the Softlighter is the best portrait light source there is. Not a softbox, scattering its light through a diffuser directly at the subject, the Softlighter delivers light that has been totally reflected before it is diffused, light as soft and as even as moonglow. The Softlighter OP40-36” and OP54-46” include one each gold and silver light enhancing discs. These light modifiers can warm the color of your light or give it more sparkle and contrast, as well as increasing light output by a half stop. The Softlighter sets up in moments, no collars or ribs. Accommodates almost all professional lightheads.

Softlighter II - OP40-36” (SL4000)
Item # PHSL40 ...................... 49.95

Softlighter II - OP40-36” (SL4000S) with 7mm Shaft.*
Item # PHSL40S ..................... 66.95

Softlighter II - OP54-46” (SL5000)
Item # PHSL54 ..................... 59.95

Softlighter II - OP54-46” (SL5000S) with 7mm Shaft.*
Item # PHSL54S ..................... 76.95

*7mm shaft indicates smaller opening.

Goodlighter Umbrella System, Compact (U1439)
Item # PHU1439 ..................... 39.95

SUNBUSTER 75

The Sunbuster-75 was created to diffuse the harsh brilliance of outdoor sunlight, to create broad areas of light when needed indoors and when a really large light source is needed. Mounted on a mammoth umbrella frame assembly with a finished curved diameter of 75”, the Sunbuster-75 features a removable white diffusing fabric that modifies direct sunlight to an area of even daylight, reduced by only a single f-stop. When used indoors the Sunbuster-75 takes on still another dimension when used with strobes or continuous light sources. The white diffusing fabric can either be removed or serve as a base for the addition of the optional silver material cover - the supplementary cover easily attaches to the white cover with Velcro tabs. If more specular lighting is required, the white cover can be completely removed and replaced with the silver material cover. A heavy-duty boom type tilting bracket is included for attaching the assembly to a “C” type stand or boom. A compact carry case is also included as standard equipment. Utilize its full 75” diameter and all its convertible features and it will perform a variety of tasks limited only to the user's creative imagination.

Includes: 80” top umbrella frame assembly (opened diameter 75”), 42” extension pole, adjustable tilting frame, white diffusion cover, heavy-duty boom type tilting bracket, compact carry case. Shipping Weight: 9 lbs (4kg.)
Item # PHSBUC75 .......................................................... 118.95

ACCESSORIES

Convertible Outer Cover (SB75BS)
Black with Silver Interior.
Item # PHCOSBS ..................... 38.95

Additional White Diffusion Cover (SB75W)
Item # PHWDRC ..................... 34.50

T-Bar f/Dual Light Heads (SB75TB)
Item # PHDLHTB ..................... 19.95

Grip Clamp (SB75GC)
Includes: Reversible Stud for Mounting Single Light Head.
Item # PHGC ..................... 25.95
ILLUMINATA

A revolutionary concept in light modification design, the Illuminata II offers a choice of illumination as brilliant and penetrating as sunlight or as delicate and soft as moonlight. The 36” Illuminata II and the 52” Illuminata II have been completely redesigned so that they can now be used with both electronic flash and up to 500 watts of continuous power, thus fulfilling the needs for the digital photographer as well. Heat release vents have been incorporated for proper cooling when used with a 500 watt continuous light source. The mounting collar which is included can be used with insert adapters individually designed for the light head of your choice. These units deliver an astonishing even pattern of light - within tenths of an f-stop from edge to edge - a very rapid and easy put-together assembly and take-down time. A heavy duty carry case is also provided.

ILLUMINATA GRANDE

This sequel to the popular Illuminata measures 80” (2m) in diameter and is the largest light modifier of its type now in production. Its profile is just 38” when assembled. It is similar to the smaller version and parallels all of the unique features that have made it one of the most versatile lighting tools in the professional marketplace. It can create a perfect source of light. Delivering a pattern of light astonishingly equal (within tenths of an f-stop from edge to edge), light adjustable in intensity from the brilliance of bare sunlight to the quality of moonlight, and a very rapid and easy put-together assembly and take-down time. It features a newly redesigned universal mounting collar. This very big, very grand lighting surface is something else; a truly seamless diffuser, so critical when photographing large and reflective objects. As large as it is, the Illuminata Grande is truly portable and weighs just 10 lbs. (4.5kg) in its own case.

Illuminata Grande (R3080)
Item #PH1G ..................................................... 659.95

INSERT RING ADAPTERS

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PHOTO - VIDEO - PRO AUDIO

Equipment Leasing Available
PHOTO FLEX
VIDEO/DIGITAL SOFTBOXES

SILVERDOME NXT
The SilverDome NXT produces a broad light low in contrast yet natural looking while using hot lights or strobe lights. When used with the Photoflex Starlite, it creates the most powerful soft light available. Since digital and video cameras white balance the light, the SilverDome NXT was given a highly reflective silver interior, which increases the light output by a half stop. The removable face and internal baffle allows you to modify from hard contrast to buttery soft lighting in seconds. When used in still photography with either strobes or hot lights, the SilverDome NXT captures detail in commonly difficult to see areas. Unlike other hot light softboxes, the SilverDome NXT with its removable interior baffle system eliminates specular highlights and hot spots. The Quik-Release Corners make setup and teardown incredibly easy. The SilverDome NXT is vented on four sides to allow bottom to top airflow whether in the horizontal or vertical position. These vents have been redesigned to let heat out and keep light in. The durable tri-laminated Brimstone fabric allows the SilverDome NXT to be used with tungsten & HMI lights.

X-Small (FVSD0XS)
12” x 16” x 9” (30x41x23cm).
Item # PH SD XS .................. 68.95

Small (FVSD1S)
16” x 22” x 13” (41x56x33cm).
Item # PH SD S .................. 109.95

Medium (FVSD2M)
24” x 32” x 17” (61x81x43cm).
Item # PH SD M .................. 179.95

Large (FVSD3L)
36” x 48” x 25” (91x122x64cm).
Item # PH SD L .................. 259.95

X-Large (FVSD4XL)
54” x 72” x 32” (137x183x81cm).
Item # PH SD XL .................. 399.95

ACTION DOME ENG
One of the newest softboxes, it is designed to meet the needs of professionals who need news-gathering capabilities. Kit includes:
1- ActionDome ENG (FV-ENGDOME)
1- Connector ENG (VC-300E)
ActionDome ENG Kit (FVENGKIT1)
Item # PH ENG GVC300EK .................................................. 89.95

CINEDOME PRO
The CineDome Pro has a narrower, deeper profile designed to maximize the light projection of your Fresnel lights. The Brimstone fabric is extremely heat resistant and can easily handle up to 2000W. The highly reflective silver interior ensures maximum light output. The removable face and baffle allow you to go from sharp contrast to buttery soft lighting in seconds. The patented Quick-Release Corners make setup and teardown a snap. The unique internal baffle eliminates extreme highlights and hotspots. The CineDome Pro fits all major lighting fixtures using a Photoflex Connector FV.

Small (FVCD1S)
16” x 22” x 18” (41x56x45cm).
Item # PH CD PS ............. 129.95

Medium (FVCD2M)
24” x 32” x 27” (61x81x70cm).
Item # PH CD PM ............ 189.95

Large (FVCD3L)
36” x 48” x 36” (91x122x92cm).
Item # PH CD PL ............. 274.95

WHITE DOME NXT
This translucent omni-directional, multi-dimensional softbox achieves almost shadowless lighting results with hot lights or strobe lights. Ideal for full room sets and other large subjects. It has an even light coverage perfect for videographers and conventional photographers. It comes with a set of four black/silver skirts to block 1, 2, 3, or 4 sides. WhiteDome NXT also has the durable high heat resistant Brimstone fabric so that it can be used with Tungsten & HMI lights.

Small (FVWD1S)
16” x 22” x 13” (41x56x33cm).
Item # PH WD S ............. 94.95

Medium (FVWD2M)
24” x 32” x 17” (61x81x43cm).
Item # PH WD M ............ 134.95

Large (FVWD3L)
36” x 48” x 25” (91x122x64cm).
Item # PH WD L ............. 167.95
PHOTO FLEX
VIDEO/DIGITAL CONNECTORS

ADJUSTABLE VIDEO CONNECTORS

- Mounts to video or still cameras - softens hard, high-contrast light
- A favorite accessory among videographers
- Cost effective - saves the cost of having multiple connectors for multiple lights
- Superior quality - made with strong aluminum
- Easy adjustments - to fit your lights with our easy-grip knobs, sliders, and registration pins

Adjustable Video Connector
5” to 9” (VCADJUST2M)  
Item # PHVCA59 .......................... 137.50

Adjustable Video Connector
9” to 16” (VCADJUST3L)  
Item # PHVCA916 ....................... 229.95

CONNECTOR FV

Continuous light connectors for the WhiteDome NXT, SilverDome NXT and the CineDome PRO. The rugged Connector FV is made of all metal and will not break, melt, or warp. It is durable, practical and reliable.

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<th>Item #</th>
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<td>Altman - 575SSE, 1000L</td>
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MULTIDOME Q3

With hundreds of lighting solutions available it's sometimes difficult to choose equipment that will yield the best results. The Photoflex MultiDome Q3 is unquestionably the most creative, flexible light modification accessory ever made. It's definitely worth clearing some studio space for, because it gives you maximum versatility. Removable faces, baffles, and gold/silver panels allows instant customization for a variety of lighting needs. Remove the recessed face to switch from soft box to parabolic reflector. The removable baffle, available on medium to extra large sizes, lets you control diffusion. Use both panels attached for maximum diffusion and remove one panel for minimum diffusion or detach both panels for a direct powerful light. The four removable dual side panel inserts are gold on one side, silver on the other, this lets you control contrast and color. Silver panel inserts add specular highlights for that ultra high contrast image while gold panel inserts create warm light for healthy looking skin tones. You can stretch your repertoire from cold lighting with harsh contrast to super-soft warm glowing light and present all the emotions of the lighting pallet in between. Incorporate these combinations with louvers, gels, and other modifications and the only limitation is the boundaries of your imagination. MultiDome Q3 is made with Duracloth and utilizes the QRC System.

Silver/Gold Panel Inserts (Small) (RRMDSGPS) Item # PHISSGMD ............ 19.95
Silver/Gold Panel Inserts (Medium) (RRMDSGPM) Item # PHIMSGMD ........... 26.50
Silver/Gold Panel Inserts (Large) (RRMDSGPL) Item # PHILSGMD ........... 36.95
Silver/Gold Panel Inserts (X-Large) (RRMDSGXL) Item # PHIXLSGMD ........... 58.50

Circular Face Mask (ACMDCFS) for Small Multi Dome. Item # PHMCFSMD .......... 18.95
Circular Face Mask (ACMDCFM) for Medium Multi Dome. Item # PHMCFMMMD ...... 23.50
Gold Panel Inserts (Medium) (ACMDGPM) for old Multi Dome. Item # PHIMGMD .......... 26.50
Gold Panel inserts (Large) (ACMDGPL) for old Multi Dome. Item # PHILGMD .......... 36.95
Gold Panel Inserts (X-Large) (ACMDGXL) for old Multi Dome. Item # PHIXLGMD .......... 58.50

HALFDOME 2

The unique shape of the HalfDome 2 produces a focused highlight. The Silver version can be used with both strobe and continuous lights.

Versatile - The long, narrow shape of the HalfDome 2 allows you to use it as a hair light for multiple subjects like the StripDome but is wider to accommodate continuous lights as well as strobe. When used as a fill light, there is no overspill onto the background. As a foreground light, its low profile makes it easy to shoot over. The face and internal baffle are easily removed allowing you to go from soft diffusion to sharp contrast without changing your setup.

Easy to Use - The HalfDome 2 is vented on two sides to allow airflow and prevent overheating. The patented Quick-Release Corners make setup and teardown a snap. Its easy to carry and store your softbox with the handled carry bag included. The HalfDome 2 will accommodate most major lighting fixtures using the Photoflex Strobe or Film/Video Connectors.

Small Silver (FVHDDS) 9 x 35 x 18˝ (23x89x46cm). Item # PHHDSSJ .......... 149.95
Small White (FVHDWS) 9 x 35 x 18˝ (23x89x46cm). Item # PHHDWSJ .......... 114.95
Medium Silver (FVHDMS) 15 x 55 x 24˝ (38x140x61cm). Item # PHHDMSM .......... 238.95
Medium White (FVHDWM) 15 x 55 x 24˝ (38x140x61cm). Item # PHHDWM .......... 178.95

For more information, please visit www.bhphotovideo.com
LITEDOME Q3®

The LiteDome Q3® is a basic softbox, and has become the best selling softbox of its type in the world, proving why an effective softbox comes in somewhere close behind film and camera on the list of studio essentials. Designed to deliver a highly efficient, even and soft light all the time at a remarkably fair price. The LiteDome Q3® features the tough, dense, Duracloth exterior that virtually stops light from passing through. The interior surface is coated with several coats of color corrected white polyurethane to produce an essential high light output while maintaining a soft contrast between shadow and highlight. The revolutionary QRC system and internal diffusion baffle are standard on medium, large and extra large sizes.

**Small (XT1SLD293)**
16" x 22" x 13" (41x56x33cm).
Item # PHLD5 ................. 59.95

**Medium (XT2MLD293)**
24" x 65" x 17" (61x81x43cm).
Item # PHLDM .................. 86.95

**Large (XT3LLD293)**
36" x 48" x 25" (91x122x64cm).
Item # PHLDLQ ............... 123.95

**Extra-Large (XT4XLLD293)**
54" x 72" x 32" (137x183x81cm).
Item # PHLDXLQ ............. 184.95

LITEDOME Q3® EXTRA SMALL

The LiteDome Q3® provides portable diffused lighting comparable to studio lighting. Often used as an effective studio hairlight. The LiteDome Q3®’s white interior, made of Duracloth, gives a soft effect often used for weddings and portraits. Lighter in weight than any other on-camera softbox, this convenient tool is ideal for wedding photographers, photojournalists, travel photographers and anyone taking pictures on the move. Note: A basic connector is included. Additional Accessory Hardware is required to fit your flash. Use the Multiclamp (AC-SWCP) to attach to a Litestand or any 5/8” riser, especially when forward and backward tilt is desired.

**LiteDome Extra-Small (XT20XTXS)**
12” x 16” x 9” (30x41x23cm).
Item # PHLDXSW .................. 44.95

ACCESSORY HARDWARE TO FIT FLASH

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<td>Canon - 201E, 220 EX, 300 EZ, 380 EX, 540 EZ, 550 EX</td>
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<td>Lumedyne - All Models</td>
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The Strobe Connector 800 was designed for strength, versatility and durability. A cast aluminum ring that is highly heat resistant enables you to shoot for longer periods of time. The smooth Teflon rotating system makes it quick and easy to change the direction of the softbox from horizontal to vertical or any angle. Note: Strobe Connector 800 Series is the only connector that will attach to the Photoflex Strip Dome Q3.

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<td>Comet - CX Series, CL Series, CLX Series, CT300 Mini</td>
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<td>Dyna-Lite - All Units</td>
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<td>Elinchrom - All Units (includes Prolina Line)</td>
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<td>Flashpoint - (by Adorama) All Models</td>
<td>SCB0059PB</td>
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<td>G.E. Lite - 105/1</td>
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<td>Hensel - (Large) HM Scan Flash, MH Series, Mono Max, Mono Flash, Mono 400, B00, 1000, Mono Profi, Twin Series</td>
<td>SCB1090H</td>
<td>PHSRH</td>
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<td>Hensel - (Small) Basic Series, Contra Series, EH Porty Series, EH Flash Series, Expert Series, Integra</td>
<td>SCB0890H</td>
<td>PHSR800EH</td>
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<td>Medalight - PG2000, PG6000L</td>
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<td>Medalight - PG4000ML, 4000ML, 3001, 2800, PG4000D, Pro Mono, PG6000L</td>
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<td>Morris - Slave Specialist, HP-220</td>
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<td>Norman - 400B, LH2, LHKL, LH52KL-M</td>
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<td>Profoto - All Models</td>
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<td>PHSR800SS</td>
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**STROBE SOFTBOXES/LITEDISCS**

**PHOTO FLEX**

**OCTODOME 3**

The unique eight-sided shape and narrow profile of the OctoDome 3 produces a beautiful wraparound style of lighting without compromising studio space, perfect for fashion photography and portraiture. It can now be used with the Starlite 3200 so it’s perfect for film and video sets.

**Superior Design** - By using a rear-mounted light setup, the OctoDome 3 gives you significantly more light output than a standard reflective umbrella used with diffusion.

**Beautiful Results** - The graduated baffle maintains an even light spread and eliminates the hot spot to provide a beautiful, diffused light. It also comes with four gold and silver panels to expand your creative possibilities. The new gold and silver panels allow you to modify the light in many different configurations to best suit each shot you take.

**Small (FVMOD3)**
- 3 x 1’ (91x30cm)
- # PHOD3Q ..197.95

**Medium (FVMOD5)**
- 5 x 1.5’ (152x46cm)
- # PHOD5Q ..299.95

**Large (FVMOD7)**
- 7 x 2’ (213x61cm)
- # PHOD7Q ..334.95

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**OCTO CONNECTORS**

The Octo Connector allows you to connect your OctoDome to most major lighting fixtures. It’s made from heat resistant cast aluminum for durability.

**LITEDISC ATTACHE**

Looking for convenience? The Litedisc Attache is the best way to carry Litediscs and Multidiscs. Its roomy interior can hold up to two 12” discs, three 22” discs and several 52” and 74” discs. Extra pockets can also be used to store additional gear. The bag is built for comfort and durability with a wide, nylon webbed strap and a heavy, weather resistant exterior. Dimensions 19” x 19” (48x48cm)

**Litedisc Attache** (DLATTACHE)

**Litedisc Holder** (DLHOLDER)

The Litedisc Holder is incredibly adjustable: easy to swivel and rotate for precise position. The Holder extends from 30” up to 67” and will hold our smallest 12” Litedisc up to our largest 52” and 41 x 74” oval Litedisc. Lightstand sold separately. The Litedisc Holder comes complete. It includes an extension arm, Litedisc attachment and two moveable newly designed spring clips.

PHLDHT ......................47.95
Every Photographer needs a few go-to players, versatile and reliable equipment that you always have with you and you know won’t let you down. Litediscs are very high on a short list for many photographers.

**Flat - Guaranteed:** Our Litediscs are guaranteed to be flat to ensure a smooth, even reflection.

**Double-Riveted:** Every Litedisc frame is double riveted to stand up to the toughest abuse while maintaining its shape and flexibility.

**Double-Laminated:** All metallic foil surfaces are double laminated for maximum reflection and longevity. We’ve found that this process extends the life of our fabric by 150%.

**Warranty:** Every disc is guaranteed for 5 years.

**Gold** — H as a sunset effect and warms the scene producing healthy looking skin tones. Perfect for fashion & portraiture.

**Silver** — Increases specular highlights and yields a high contrast image. Perfect for video, product shots & B&W photography.

**Translucent** — Used to diffuse light, producing a broad source and a soft effect. Perfect for outdoor portraits or whenever a softer light is needed.

**Black** — Absorbs light rather than reflecting it. For use in direct sunlight to prevent hot-spots.

**Soft Gold** — Combines silver and gold in a zig zag pattern for a touch softer than the solid gold. Perfect for fashion & portraiture.

**White** — Produces a natural true-to-life effect. Great for fill in the shadows and brightening up the subject.

**Translucent** — Absorbs light rather than reflecting it. For use in direct sunlight to prevent hot-spots.

**White** — Produces a natural true-to-life effect. Great for fill in the shadows and brightening up the subject.

**Soft Gold** — Combines silver and gold in a zig zag pattern for a touch softer than the solid gold. Perfect for fashion & portraiture.

**White** — Produces a natural true-to-life effect. Great for fill in the shadows and brightening up the subject.

**Translucent** — Absorbs light rather than reflecting it. For use in direct sunlight to prevent hot-spots.

**White** — Produces a natural true-to-life effect. Great for fill in the shadows and brightening up the subject.

**Soft Gold** — Combines silver and gold in a zig zag pattern for a touch softer than the solid gold. Perfect for fashion & portraiture.

**White** — Produces a natural true-to-life effect. Great for fill in the shadows and brightening up the subject.
Litepanels come with a unique square-tubed, shock-corded frame. The shockcord provides fast set-up and tear down. The square-tubed frame resists twisting of the frame and gives you a more secure surface for clamps and other holders. The rounded corners on the frame tubing make it easy to adjust the position of the frames when two or more are attached together.

**FABRICS 39x39˝ (99x99cm)**

- White Translucent (LP3939WT)
  - Item # PHFLP3939WT ........... 13.95
- White/Black Reversible (LP3939WB)
  - Item # PHFLP3939WB ........... 20.95
- White/Silver (LP3939WS)
  - Item # PHFLP3939WS .......... 29.95
- White/Gold (LP3939WG)
  - Item # PHFLP3939WG .......... 29.95
- Soft/Gold (LP3939ZZ)
  - Item # PHFLP3939G .......... 39.95

**FABRICS 39x72˝ (99x183cm)**

- White Translucent (LP3972WT)
  - Item # PHFLP3972WT .......... 13.95
- White/Black Reversible (LP3972WB)
  - Item # PHFLP3972WB .......... 20.95
- White/Silver (LP3972WS)
  - Item # PHFLP3972WS .......... 29.95
- White/Gold (LP3972WG)
  - Item # PHFLP3972WG .......... 29.95
- Soft/Gold (LP3972ZZ)
  - Item # PHFLP3972G .......... 44.95

**FABRICS 77x77˝ (196x196cm)**

- White Translucent (LP7777WT)
  - Item # PHFLP7777WT .......... 39.95
- White/Black Reversible (LP7777WB)
  - Item # PHFLP7777WB .......... 58.95
- White/Silver (LP7777WS)
  - Item # PHFLP7777WS .......... 58.95
- White/Gold (LP7777WG)
  - Item # PHFLP7777G .......... 59.95

**LITEPANEL KITS**

- 39x72˝ Litepanel #1 Kit with Aluminum Frame (LPKIT1497)
  
  Kit Includes:
  - 39x72˝ Aluminum Frame
  - 3 Section Medium 8’ Stand
  - 39x72˝ White/Soft Gold Reversible Fabric
  - Panel Legs
  - Carry Bag
  - 39x72˝ White Translucent Fabric
  - Crossbar
  - 39” Cross Bar
  - Main & T-Clamp
  - 77” Crossbar (LP7777CB)
  - Item # PHCLP .............. 24.95

- 39x72˝ Litepanel #2 Kit with Aluminum Frame (LPKIT2497)
  
  Kit Includes:
  - 39x72˝ Aluminum Frame
  - 3 Section Medium 8’ Stand
  - 39x72˝ White/Soft Gold Reversible Fabric
  - 39x72˝ White/Silver Rev. Fabric
  - 39x72˝ White/Black Rev. Fabric
  - Carry Bag
  - Main & T-Clamps
  - 39x72˝ White Translucent Fabric
  - 39” Cross Bar
  - 77” Crossbar (LP7777CB)
  - Item # PHCLP .............. 24.95

**LITEPANEL ACCESSORIES**

- Litepanel Legs (LP1602LEGL)
  
  Position Litepanels upright without stands or clamps. Litepanel Legs clip on easily to stand frames upright. They’re adjustable, so you can use Litepanels vertically or at an angle.
  - Item # PHPLL ................ 29.95

- Carry Bag (LP1603BAG)
  
  Carry your Litepanels and fabrics in this handy, lightweight bag. The Litepanel Carry Bag holds either three 39x72 frames, or four 39x39 frames. All with plenty of extra room for fabrics. The Litepanel Carry Bag has a handle on top, and both the main compartment and pocket have zipper closures.
  - Item # PHCLP .............. 29.95

- Main & T-Clamp (LPA1600CLP)
  
  Attach Litepanels to stands for maximum versatility. With two Main & T-Clamps, you can attach your Litepanel to two stands, raise it up and suspend it above your subject. Litepanels can also be secured to doors, tables, tripods and other supports found in your studio.
  - Item # PHCMTLP ............. 24.95

- 39” Crossbar (LP3939CB)
  
  Extra support for your Litepanel frames. The Crossbar improves the stability of your Litepanel frame. This easy clip-on accessory prevents the frame from bowing which can occur when the frame is used above the subject or tilted at an angle. The Crossbar comes in 39˝ (99cm) and 77˝ (196cm) lengths.
  - Item # PHCB39 .............. 18.95

- 77” Crossbar (LP7777CB)
  
  Item # PHCB77 ............. 21.60

- Connector Clips (LP1601CON)
  
  Connect Litepanels together for more options. Secure two or more Litepanel frames together for a variety of possible formations with these easy-to-use Connector Clips. Set of (6).
  - Item # PHCCLP ............. 13.50
### FLEXDROP/GRIDS/UMBRELLAS

#### FLEXDROP 2
The FlexDrop 2 is a fast and easy backdrop you can take anywhere. Reversible in Green and Blue, the new fabric won’t wrinkle, which translates to better control of your background image.

**Versatile** - A flexible, compact backdrop that's great when shooting for digital composites or dropouts. Some examples: Senior portraits, catalog products, or any photo where you want to control the background.

**Superior Value** - Strong steel frames are double-riveted, not spot-welded like most collapsible backgrounds. A handy carry bag is included for easy transport and storage.

Blue/Green 5’ x 7’ (BGFLEXDROP2)
Item #PHFDCKBLGR ........................................ 149.50

#### SOFTBOX GRIDS
The new 40 softbox grids give you more precise control of your light spread with no lightspill onto backdrop, floor or ceiling. These grids are made of nylon webbed fabric to be lightweight, portable and durable. Grids include Velcro sides for easy attachment to all Photoflex softboxes. They are available in 3 sizes.

**Small** (ACGRIDS)
16” x 22” (41x56cm).
Item #PHGS ........................................ 88.95

**Medium** (ACGRIDM)
24” x 32” (61x81cm).
Item #PHGM ........................................ 118.95

**Large** (ACGRIDL)
36” x 48” (91x122cm).
Item #PHGL ........................................ 169.50

Convenient Carry Case Included

#### UMBRELLAS
Attention to detail makes Photoflex umbrellas the best you can find. These frames, unlike any other umbrella frames are painted to eliminate uncontrollable reflections. We use the highest quality materials for long lasting durability. You can choose from a variety of fabrics designed to provide a full range of lighting sources; as always they are color balanced to our soft boxes, panels and discs. There are even unique Photoflex designed umbrellas that allow you to adjust the shape of the umbrella from round to square to rectangular. So you can adjust the shape of the highlight and the light coverage to your application.

**RUT:** White Satin with removable black cover.
Available sizes: 30”, 45” and 60”

**RUD:** Translucent white satin.
Available sizes: 30”, 45”.

**ADH:** Adjustable frame with hot silver. Available sizes: 30”, 45”.

**ADW:** Adjustable reflex umbrella, white coated nylon. Available sizes: 30”, 45”.
The Photoflex ADH and ADW Umbrellas are adjustable from round to square to rectangular. Another Photoflex exclusive.

**CONVERTIBLE**

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**WHITE SATIN**

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**ADJUSTABLE WHITE**

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</tbody>
</table>
Designed to support both softboxes and strobes, Photoflex Litestands offer the highest degree of strength and stability. Regular lightstands were originally designed to support strobes only. The center of gravity in lightstands is in the vertical shaft and places the weight equally on all three legs. A mounted softbox to a strobe changes the center of gravity. It moves away from the vertical shaft and places most of the weight on the front leg. The now uneven weight causes instability and the possibility of the stand falling over. Bolt through joints, widened footprint, increased strength of brace supports and larger diameter aluminum tubing improve rigidity and stability. Rubber-tipped feet offer no-slip and quiet movement when changing light arrangement. The option to add casters is available for maximum mobility and convenience. All stands have black anodized paint to eliminate unwanted reflections in the subject. Photoflex Litestands compare to no other strobe/softbox support system.

**34˝ (86cm) Backlight Stand (LS2200)**
Item # PHLSBL ................................................................. $36.95

**7´ (2.1m) Lightstand (LS2212)**
Item # PHLS7 ................................................................. $47.95

**8´ (2.4m) Lightstand (LS2214)**
Item # PHLS8 ................................................................. $51.95

**11´ (3.3m) (LS2218)**
Item # PHLS11 ............................................................... $67.95

**12.5´ Heavy Duty Lightstand (LS2322)**
Item # PHLS12 ............................................................... $84.95

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Lightstand</th>
<th>Footprint</th>
<th>Weight</th>
<th>Minimum Height</th>
<th>Maximum Height</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7´ Lightstand - LS2212</td>
<td>35˝ (89cm)</td>
<td>3 lbs. (1.4kg)</td>
<td>28˝ (71cm)</td>
<td>7´8˝ (2.4m)</td>
<td>8 lbs. (3.6kg)</td>
</tr>
<tr>
<td>34˝ Backlight Stand - LS2200</td>
<td>24˝ (61cm)</td>
<td>2 lbs. 16 oz. (1.2kg)</td>
<td>18˝ (46cm)</td>
<td>34˝ (86cm)</td>
<td>8 lbs. (3.6kg)</td>
</tr>
<tr>
<td>8´ Lightstand - LS2214</td>
<td>43˝ (104cm)</td>
<td>3 lbs. (1.4kg)</td>
<td>34˝ (86cm)</td>
<td>8´2˝ (2.5m)</td>
<td>12 lbs. (5.4kg)</td>
</tr>
<tr>
<td>11´ Lightstand - LS2218</td>
<td>43˝ (109cm)</td>
<td>4 lbs. (1.8kg)</td>
<td>35˝ (89cm)</td>
<td>10´8˝ (3.3m)</td>
<td>12 lbs. (5.4kg)</td>
</tr>
<tr>
<td>12.5´ Heavyweight Stand - LS2322</td>
<td>43˝ (109cm)</td>
<td>7 lbs. (3.2kg)</td>
<td>42˝ (107cm)</td>
<td>12´6˝ (3.8m)</td>
<td>20 lbs. (9.1kg)</td>
</tr>
<tr>
<td>7´8˝ Boom Stand - LSK003B</td>
<td>40˝ (102cm)</td>
<td>15.5 lbs. (7.0kg)</td>
<td>47˝ (119cm)</td>
<td>7´8˝ (2.4m)</td>
<td>60 lbs. (27.2kg)</td>
</tr>
</tbody>
</table>

**BOOM AND BOOM STAND**

**3 Section Boom (LSBOOM)**
The new 3 section boom extends lights or props up to 7´ away from your stand. It is strong enough to hang a small size softbox overhead for a main or hairlight. The flexible boom adjusts from 5´ to 7´ by using either two or three sections. Taking this boom on location is a breeze with easy transport, set up and tear down.
Item # PH3SB ............................................................... $98.95

**Heavy Duty Boom Stand (LSK003B)**
The heavy-duty boom stand is made of the highest quality steel to be strong and long lasting. It was designed primarily to support the weight of a boom and softbox but it has the flexibility to also mount your halogen lights, strobes or a Litedisc Holder TM. The boom stand comes complete with three heavy duty casters for easy positioning.
Item # PHBS78 ......................................................... $145.95

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>22mm Casters (LSCA22MM)</td>
<td>Item # PHCLS22 ................. $28.95</td>
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</tr>
<tr>
<td>25mm Casters (LSCA25MM)</td>
<td>Item # PHCLS25 ................. $32.50</td>
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<tr>
<td>Weight Bag for Lightstand (LS1884WB)</td>
<td>Item # PHWB ..................... $13.50</td>
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</tr>
<tr>
<td>Broncolor Adapter (LSA2302BR)</td>
<td>Item # PHLSAB ................. $9.95</td>
<td></td>
</tr>
<tr>
<td>1/4-20 to 3/8˝ for Lightstand Adapter (LSA2338AF)</td>
<td>Item # PHLSABQ ............... $2.95</td>
<td></td>
</tr>
<tr>
<td>Balcar Adapter (LSA2306BA)</td>
<td>Item # PHLSA.252038 ........... $2.95</td>
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</tr>
<tr>
<td>1/4-20 to 3/8˝ Adapter (LSA2338AM)</td>
<td>Item # PHLSA.252038 ........... $2.95</td>
<td></td>
</tr>
</tbody>
</table>
WAFFER DIFFUSION BANKS

These banks have a narrow profile, silver-with-white interior, two different graduated inner baffles and take an optional rotating aluminum attachment ring that are the state-of-the-art in portable light diffusion banks.

WAFFER CLASSIC

The 3:4 proportioned diffusion bank which has become the industry standard “window” of light. Use as a single source portrait light just off-camera or an easy product light positioned on a boom. (Requires a Wafer Ring).

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wafer 75 22”x 30”x 11” (56x76cm)</td>
<td>Item # PLW75</td>
<td>324.95</td>
<td></td>
</tr>
<tr>
<td>Wafer 100 30”x 40”x 14” (76x102cm)</td>
<td>Item # PLW100</td>
<td>419.95</td>
<td></td>
</tr>
<tr>
<td>Wafer 140 40”x 53”x 21” (102x137cm)</td>
<td>Item # PLW140</td>
<td>519.95</td>
<td></td>
</tr>
</tbody>
</table>

WAFFER STRIP

This bank is half the width of the Wafer Rectangle to increase contrast in one axis without reducing the broad overall coverage in the other dimension. A second masked diffuser comes with each size to reduce the width half again for yet narrower highlights (except for the little Wafer Still Life.) (Requires a Wafer Ring).

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wafer Strip 100 15”x 40”x 15” (38x102cm)</td>
<td>Item # PLWS100</td>
<td>359.95</td>
<td></td>
</tr>
<tr>
<td>Wafer Strip 140 20”x 53”x 21” (51x137cm)</td>
<td>Item # PLWS140</td>
<td>429.95</td>
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</tr>
<tr>
<td>Wafer Strip 200 27”x 76”x 25” (46x198cm)</td>
<td>Item # PLWS200</td>
<td>609.95</td>
<td></td>
</tr>
</tbody>
</table>

WAFFER HEXOVAL

This is a special six-sided oval lightbank to better match the shape of the human face in fashion and portraits. This thinnest Wafer is the best choice for work in tight quarters. An oval masked diffuser for round highlights can be exchanged in all three sizes. (Requires a Wafer Ring).

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wafer HexOval 100 27”x 39”x 12” (69x99cm)</td>
<td>Item # PLWH100</td>
<td>414.95</td>
<td></td>
</tr>
<tr>
<td>Wafer HexOval 140 38”x 52”x 15” (99x132cm)</td>
<td>Item # PLWH140</td>
<td>499.95</td>
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<tr>
<td>Wafer HexOval 180 55”x 72”x 21” (140x183cm)</td>
<td>Item # PLWH180</td>
<td>629.95</td>
<td></td>
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</tbody>
</table>
Wafer Rings are diecast in aluminum, with interchangeable dedicated adapter, rotate 360° and adjustable from free spin to full stop. The Wafer Ring works with Chimera, Redwing, Westcott and Photoflex lightbanks.

### Wafer Rings

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLSRB</td>
<td>Wafer Ring for Balcar</td>
<td>$69.95</td>
</tr>
<tr>
<td>PLSRBML</td>
<td>Wafer Ring for Bowens Monolite</td>
<td>$93.50</td>
</tr>
<tr>
<td>PLSRBP</td>
<td>Wafer Ring for Bron Pulso</td>
<td>$152.95</td>
</tr>
<tr>
<td>PLSRBU</td>
<td>Wafer Ring for Bron Flashman</td>
<td>$159.95</td>
</tr>
<tr>
<td>PLSRCS1</td>
<td>Wafer Ring for Calumet Series I</td>
<td>$93.50</td>
</tr>
<tr>
<td>PLSRCS2</td>
<td>Wafer Ring for Calumet Series II</td>
<td>$76.50</td>
</tr>
<tr>
<td>PLSRBFL</td>
<td>Wafer Ring for Balcar</td>
<td>$69.95</td>
</tr>
<tr>
<td>PLSRBML</td>
<td>Wafer Ring for Bowens Monolite</td>
<td>$93.50</td>
</tr>
<tr>
<td>PLSRBP</td>
<td>Wafer Ring for Bron Pulso</td>
<td>$152.95</td>
</tr>
<tr>
<td>PLSRBU</td>
<td>Wafer Ring for Bron Flashman</td>
<td>$159.95</td>
</tr>
<tr>
<td>PLSRCS1</td>
<td>Wafer Ring for Calumet Series I</td>
<td>$93.50</td>
</tr>
<tr>
<td>PLSRCS2</td>
<td>Wafer Ring for Calumet Series II</td>
<td>$76.50</td>
</tr>
</tbody>
</table>

### Honeycomb Grids

These grids produce a broad, shielded and more directional light source. When used near the subject, Honeycomb Grids overcome the Inverse Law of Light to result in an equivalent near/far exposure—that is, near subject parts “see” fewer though brighter cells; farther subject parts “see” a greater number of cells, though proportionally less bright—this evenness increases color richness and saturation. Available in 1/4” or 3/8” (less costly) cells.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLG38W75</td>
<td>Honeycomb Grid for Wafer 75 (3/8”)</td>
<td>$242.50</td>
</tr>
<tr>
<td>PLG25W75</td>
<td>Honeycomb Grid for Wafer 75 (1/4”)</td>
<td>$276.95</td>
</tr>
<tr>
<td>PLG25W100</td>
<td>Honeycomb Grid for Wafer 100 (1/4”)</td>
<td>$539.95</td>
</tr>
<tr>
<td>PLG25W100</td>
<td>Honeycomb Grid for Wafer Strip 100 (1/4”)</td>
<td>$267.95</td>
</tr>
<tr>
<td>PLG25W100</td>
<td>Honeycomb Grid for Wafer Still Life (1/4”)</td>
<td>$174.50</td>
</tr>
<tr>
<td>PLG25W140</td>
<td>Honeycomb Grid for Wafer Strip 140 (1/4”)</td>
<td>$514.50</td>
</tr>
</tbody>
</table>

### Hard Diffusion Frames

An aluminum frame only, with Velcro and double sided tape but without diffusion material - add your favorite diffusion material - Rosco, Lee, Set Shop, etc.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLFDW100</td>
<td>For Wafer 100</td>
<td>$57.50</td>
</tr>
<tr>
<td>PLFDW140</td>
<td>For Wafer 140</td>
<td>$67.95</td>
</tr>
<tr>
<td>PLFDW200</td>
<td>For Wafer 200</td>
<td>$93.50</td>
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<tr>
<td>PLFDWS100</td>
<td>For Wafer Strip 100</td>
<td>$48.50</td>
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<tr>
<td>PLFDWS140</td>
<td>For Wafer Strip 140</td>
<td>$58.50</td>
</tr>
<tr>
<td>PLFDWSL</td>
<td>For Wafer Still Life</td>
<td>$26.95</td>
</tr>
</tbody>
</table>

### Fabrics (YDS.)

- Wafer Cloth 60”  
  Item # PLFWC - $23.95
- 3/4 oz. Ripstop 41”  
  Item # PLF.75R - $23.95
- Black/Silver 54”  
  Item # PLFBS - $37.95
- Cowl Fiberglass/Aluminum 54”  
  Item # PLFCS - $22.95
**FABRIC DIFFUSERS**

- Diffusor for Wafer 75  
  Item # PLD W75 .......... 41.95
- Diffusor for Wafer 100  
  Item # PLD W100 ........ 49.50
- Diffusor for Wafer 140  
  Item # PLD W140 .......... 62.95
- Diffusor for Wafer 200  
  Item # PLD W200 .......... 89.50
- Diffusor for Wafer Still Life  
  Item # PLD WSL ............ 34.95

**WANDS**

- Full Diffusor for Wafer Strip 100  
  Item # PLDFWS100 .......... 31.95
- Half Diffusor for Wafer Strip 100  
  Item # PLDFWS100 .......... 116.50
- Full Diffusor for Wafer Strip 200  
  Item # PLDFWS200 .......... 101.95
- Half Diffusor for Wafer Strip 200  
  Item # PLDFWS200 .......... 43.95

**GRID SPOT “CHIMNEY”**

This is the exact hard edged opposite of a Wafer. Not a grid spot reflector, but an all black non reflective grid spot holder. Used with a grid honeycomb, the Chimney holds the standard 7” grid spots (Balcar, Comet, Dynalite, Speedotron, Calumet ) for any flash head listed among the Wafer Rings. It is possible to mimic a grid spot reflector by adding some diffusion behind the grid spot. Slotted for filters (and for cooling). It handles a 150W max. modeling lamp. Specify flash head. **Priced as Wafer Rings + $20.**

**SPARE PARTS**

- Baffle #1  
  Item # PLB1W .......... 23.95
- Baffle #2  
  Item # PLB2W .......... 23.95
- Baffle Set (1 & 2)  
  Item # PLBSW .......... 37.95
- Baffle Set with Elastics  
  Item # PLBSEW .......... 43.95
- Wafer Cowl  
  Item # PLCW .......... 26.95
- Ring Nutset Thumbnut with Spring  
  Item # PLRNSTNS .......... 2.95
- Ring Nutset Locknut with Spring  
  Item # PLRNSTNS .......... 2.95
- Wafer Duffle  
  Item # PLDW .......... 37.95
- Widget Set  
  Item # PLWS .......... 31.95
- Ring Nutset Thumbnut  
  Item # PLRNSTNS .......... 2.95
- Bolt Norman  
  Item # PLBN ............ 1.95
- Bolt Dyna  
  Item # PLBD ............. 1.95

**AUXILIARY LIGHT ADAPTER**

For blind photographers with the eight-ten at maximum belows, or as an easy add-on when the session calls for a still and a video take. Two switched double bayonet sockets attach to the Wafer aluminum ring to add 500W (2x250W) of extra continuous light to the modeling you are already using – total 750W. **Priced as Wafer Rings.**

**SOFT REFLECTOR**

Conventional reflectors take up too much travel space while changing shape in transit. Now the pre-dented car concept - a white glass/aluminum fabric reflector which just happens to accept 7” honeycomb grid spots. Collapses for travel, takes shape for use. Handles 150W max. modeling lamp. Specify adapter for your flash head. **Priced as Wafer Rings.**

**ORDER & INFORMATION**

(212) 444-6641  •  FAX: (212) 239-7770  • (800) 947-7008

1-800-947-9941 • www.bhphotovideo.com
The flagship of the Redwing Soft Box series is the Cumulus. The Cumulus features a number of design innovations offering the photographer greater flexibility and more options in light quality.

The Cumulus soft box has a thinner profile, which produces better efficiency, more stability and greater mobility than other soft boxes. Closer examination reveals not only the use of superior materials and workmanship, but also a number of unique features such as a removable front diffuser, an interior reflecting surface using both white and silver materials to ensure evenness and efficiency. Also a choice of two graduated inner baffles for contrast changes. Other soft boxes with all silver interiors create uneven light with four bright corners and a bright centre value with no clear core shadowing, but five shadows. The white side ellipses sewn onto the silver surface inside the Redwing soft box correct for this shortcoming. The Cumulus’ two inner baffles are designed to maximize the number of options in light quality. A super-brilliant effect is achieved without the baffles; a window light effect with the double baffle and a totally even light with both baffles installed.

Cumulus 75 (RD3022)
22x30x9" (55x75x23cm)
Item # RESBC22309 .......... 139.95

Cumulus 100 (RD3030)
30x40x14" (75x100x36cm)
Item # RESBC30404 .......... 174.95

Cumulus 140 (RD3040)
40x53x21" (100x140x53cm)
Item # RESBC405321 ..... 215.95

Cumulus 200 (RD3054)
54x78x25" (140x200x63.5cm)
Item # RESBC547825 ..... 289.95

Cumulus Hex Oval (RD3060)
Item # RESBC4460 ........................................ 238.95

Speedring Adapter (RD3100)
Item # RESR ........................................... 24.95

Speedring for Calumet S2 (RD6210)
Item # RESRCS2 ......................... 19.95

Speedring for Balcar .......................... 39.95

Speedring for White Lightning
Item # RESRWL .......................... 39.95

Speedring for Speedotron (RD6220)
Item # RESRS ......................... 19.95

Speedring for Norman (RD6225)
Item # RESRNB200 ................. 26.50

Speedring for Profoto (RD6230)
Item # RESRP ......................... 88.95

Speedring for Hensel (RD6235)
Item # RESRH ......................... 47.95

Speedring for Broncolor Impact (RD6241)
Item # RESRBI ......................... 164.95

Speedring for Broncolor Pulsor (RD6240)
Item # RESRBP ......................... 136.95

Speedring for Elinchrom (RD6245)
Item # RESRE ......................... 14.50

Speedring for Comet (RD6250)
Item # RESRC ......................... 23.95

Speedring for Dynalite (RD6255)
Item # RESRD ......................... 33.95

Speedring for Photogenic (RD6265)
Item # RESRPH ......................... 34.95
The Redwings Cirrus is probably the “best-value-for-the-money” soft box currently available. The finest materials have been used and the design refined to create a soft box that delivers soft controllable light at a very competitive price. Strong flexible wands are mounted into a rotating aluminum ring, creating a box that is both efficient and functional. Every Cirrus soft box is supplied in a durable storage bag for easy transportation.

**Cirrus W (RD2016)**
16” x 20” (40x50cm) White.
Item # RESBC W1620........59.95

**Cirrus W (RD2024)**
24” x 32” (60x80cm) White.
Item # RESBC W2432........69.95

**Cirrus W (RD2036)**
36” x 48” (90x120cm) White.
Item # RESBC W3648........99.95

**Cirrus W (RD2054)**
54” x 72” (137x183cm) White.
Item # RESBC W5472........172.95

**Silver/White Umbrellas**

This dual-purpose umbrella features a white interior surface backed by a removable black fabric with a silver surface, which provides a soft but highly efficient bounced light source. For close-up lighting, the silver/black backing can be removed, allowing the photographer to get closer to the subject while lighting through the translucent umbrella. The eight-panel design provides maximum reflectance and an optimum circle pattern of light.

**36” Silver/White (RD4036)**
Item # REU36SW .............29.95

**46” Silver/White (RD4046)**
Item # REU46SW .............42.95

**56” Silver/White (RD4060)**
Item # REU56SW .............43.50

**46” Silver Umbrella (RD4146)**
The silver umbrella provides more efficient directional reflected light. Its eight-panel design provides maximum reflectance for the highest f-stops.

Item # REU465 .............34.95

---

**Lighting Q&A**
Is it a good idea to keep a gallery of recent portraits on display so I can discuss such things as lighting, style and composition with new clients?

Naturally. It goes without saying that you should keep a neat, attractively lit gallery of your best work. If there’s a local or national celebrity in your collection, keep his or her photo on the wall. Clients will be impressed that they are working with someone who photographed “so and so.” I prefer showing a gallery of my best work to showing a portfolio. For one thing, you can put more pictures up and they are more easily seen.

Copy excerpted with permission of Amphoto Books © 1995 by John Hart
50 Portrait Lighting Techniques.
**RED WING REFLECTORS/ ACCESSORIES**

**LPS SYSTEM**

This lightweight, portable reflector system offers fast, easy setup and unlimited light control. Each frame is hinged at the corners and break joints make setup and break-down easy. Frames self-lock into position to form rigid supports for a wide variety of fabrics and light control applications. There are four different sizes and reflection/diffusion materials available: ZigZag (Gold and Silver Mix)/White, Gold/White, Silver/Black and Translucent. The frames are available in either lightweight plastic or tough, durable aluminum.

<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>42” x 42” (107x107cm)</td>
<td>ZigZag/White Cover</td>
<td>RERP4242GSW</td>
<td>19.95</td>
</tr>
<tr>
<td>42” x 78” (107x198cm)</td>
<td>ZigZag/White Cover</td>
<td>RERP4278GSW</td>
<td>32.95</td>
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<tr>
<td>30” x 30” (76x76cm)</td>
<td>Translucent Cover</td>
<td>RERP3030T</td>
<td>9.50</td>
</tr>
<tr>
<td>42” x 42” (107x107cm)</td>
<td>Silver/Black Cover</td>
<td>RERP4242SB</td>
<td>23.95</td>
</tr>
<tr>
<td>42” x 78” (107x198cm)</td>
<td>Silver/Black Cover</td>
<td>RERP4278SB</td>
<td>41.95</td>
</tr>
<tr>
<td>42” x 42” (107x107cm)</td>
<td>Gold/White Cover</td>
<td>RERP4242GW</td>
<td>16.50</td>
</tr>
<tr>
<td>42” x 78” (107x198cm)</td>
<td>Gold/White Cover</td>
<td>RERP4278GW</td>
<td>26.95</td>
</tr>
<tr>
<td>42” x 42” (107x107cm)</td>
<td>Plastic Frame</td>
<td>REFP4242</td>
<td>35.95</td>
</tr>
<tr>
<td>42” x 78” (107x198cm)</td>
<td>Plastic Frame</td>
<td>REFP4278</td>
<td>49.50</td>
</tr>
</tbody>
</table>

**LPS ACCESSORIES**

- **Light Stand Clamp (RD3400)**
  Heavy-duty swivel clamp easily adjusts the panel’s angle when mounted to a light stand.
  Item # RECLS .......................................................... 39.95

- **Panel Joiner Clip (RD3406)**
  Two-sided clips used to connect panels to form flats and light boxes. (Package of 6).
  Item # RECP .......................................................... 8.50

- **Strobe Mount (RD3412)**
  Features a 3/8” metal stud for mounting flash heads to panels.
  Item # REMS .......................................................... 23.95

- **Strobe Mount Frame (RD3414)**
  Converts 30x30”, 42x42” and 78x 78” frames into free-standing lighting banks in minutes. Includes two 3/8” spigot mounts.
  Item # RESMF ......................................................... 112.95

- **Neatness Clips (6) (RD3408)**
  Holds fabric taut against the frame to provide a smoother surface. Features a slot for holding cables and cords to the frame.
  Item # RENC .......................................................... 19.95

- **Turf Spike (RD3410)**
  Tap these 8” (20cm) spikes into the ground to stabilize your panels outdoors. (Set of 2).
  Item # REST .......................................................... 19.50

- **Leg Support Set (RD3402)**
  Includes two stabilizing leg supports that allow individual panels to stand up on their own. Joints swivel for angle adjustment.
  Item # RELSS ........................................................ 39.95

**Equipment Leasing Available**
Every so often a product comes onto the market that is revolutionary and redefines the parameters of operation. The Redwing Strataflex is just such a design. The Strataflex is the first reflector system designed to reflect light in more than one direction. The unique construction of the Strataflex creates a reflector surface that can both wrap reflected light around a subject as well as provide a more refined focusing point for maximum reflectivity. The Strataflex is available in a range of three different sizes and four different materials - three of which have two reflective surfaces. The system is supported with four flexible wands that are fitted into a central mounting ring. The two threaded sockets allow the Strataflex to be mounted onto a stand.

**3-D Reflector**
Its shape makes it unique and capable of reflecting light in a way that no flat reflector can match. Each surface distributes light in a different direction, surrounding your subject in reflected light.

**Reversible Reflector**
With the exception of the translucent material, every Strataflex features two useable surfaces. Silver is matched with Black, Gold with White and ZigZag (a silver/gold mixed fabric) with White. Once the reflector is mounted on the frame, it can be easily reversed by turning the framework inside out. It just takes a second and the reflector cloth never has to leave the frame.

**Stand-Mounted Reflector**
The Strataflex is built on a Redwing mounting ring with two threaded sockets so the Strataflex can be easily fitted to most popular light stands or tripods. Use a simple ball-and-socket head and the Strataflex can be positioned easily to create perfect results.

**Shadow Generator**
The subtractive black surface is designed to minimize reflected light and to create dramatic and impressive effects.

**Product Light Tent**
Use reflective and translucent Strataflexes together to create individual light tents and surround lighting effects. Centre reflection panels can be replaced with round holes so that the light source, when reflected, in the product looks consistent.

**Flat Reflector**
Take advantage of the Strataflex's unique stand-mounting abilities and combine it with a front reflection panel to create a flexible stand-alone, flat lighting panel. These can be joined using integral hook-and-loop fastening to create walls of reflection.

**Multi-surfaces Reflector**
Combine different materials in a single Strataflex to fine tune your lighting requirements. Add warmth by using a gold panel or subtract light by using black. The Strataflex is truly a tool for the creative lighting master!

**High-Contrast Soft Box**
The mounting ring can also be adapted to mount directly onto a studio flash unit. (Adapters are available for most major brands of studio lighting systems). Combine with translucent front diffusers to create soft light with a bright center giving softness and contrast in a single light source.

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**CREATIVE USES WITH THE VERSATILE STRATAFLEX**

3-D Reflector
42x32x8" (107x81x20cm)
Gold/White Strataflex (RD5100)
Item # RER3D42328GW ...53.95
ZigZag/White Strataflex (RD5120)
Item # RER3D42328GS ...65.95
Silver/Black Strataflex (RD5140)
Item # RER3D42328SB ...57.50
Translucent Strataflex (RD5160)
Item # RER3D42328T ...46.95

58x44x13" (147x112x32cm)
Gold/White Strataflex (RD5180)
Item # RER3D584413G ...74.50
ZigZag/White Strataflex (RD5200)
Item # RER3D584413Q ...86.50
Silver/Black Strataflex (RD5220)
Item # RER3D584413S ...74.50
Translucent Strataflex (RD5240)
Item # RER3D584413T ...59.95

86x62x19" (218x157x48cm)
Gold/White Strataflex (RD5260)
Item # RER3D866219G ...191.95
Silver/Black Strataflex (RD5280)
Item # RER3D866219S ...243.50
Translucent Strataflex (RD5300)
Item # RER3D866219T ...187.50

**CENTER PANELS**
Gold/White (RD5105)
Item # RECPSGW .....9.50
Silver/Black (RD5110)
Item # RECPSGB .....9.50
ZigZag/White (RD5125)
Item # RECPHGW ...9.50
Translucent (RD5165)
Item # RECPHT ........8.50

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B&H
1-800-947-9941 • www.bhphotovideo.com
Rosco has been a leading producer and innovator of color filter products since early in the 20th century. Its premier range, Roscolux, is manufactured using a unique technology to insure the longest possible life under hot theatrical lights. Three discrete layers are combined in a trilux-extrusion process. By sealing the colored layer between two microscopically thin layers of clear film, dye migration is minimized and effective life is extended. Roscolux (sold under the name “Supergel” overseas) is currently the most widely used color filter range in the world.

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To see the actual color of any Roscolux filter, log on to our website at: www.bhphotovideo.com

To order Roscolux filters, just insert # from chart below after the Item # above between parenthesis.

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### ROSCO LUX DIFFUSION FILTERS

A range of filters in the stable Roscolux base, designed to alter the shadow characteristics or the beam shape of light.

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For simple and economical control of fluorescent lighting. Clear carrier sleeve is supplied with one insert filter in any of the Roscolux, Cinegel, CalColor and E-Colour colors. If used with the UV filter it allows less than 10% transmission below 390 nanometers. They are not suitable for use with high output or very high output lamps. Each sleeve is 48” wide (122cm).

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</tr>
<tr>
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<tr>
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<td>Medium Yellow</td>
<td>840115</td>
<td>14.95</td>
</tr>
<tr>
<td>R016FS</td>
<td>Light Amber</td>
<td>840116</td>
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<td>14.95</td>
</tr>
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<td>R031FS</td>
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<td>R032FS</td>
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<tr>
<td>R033FS</td>
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<tr>
<td>R034FS</td>
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</tr>
<tr>
<td>R036FS</td>
<td>Light Amber</td>
<td>840116</td>
<td>14.95</td>
</tr>
</tbody>
</table>

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
**MATTE CINEFOIL**

Cinefoil is a specially coated material that is useful for manipulating light. Lightweight, yet durable, Cinefoil can be quickly positioned in place with tape, staples or adhesives. Packaged in a handy dispenser box. Black Cinefoil is a matte black aluminum material that virtually soaks up light. Ideal for masking light leaks and/or eliminating unwanted reflections, it can be quickly molded to form barndoors, flags, and other configurations.

<table>
<thead>
<tr>
<th>Color</th>
<th>Cat. #</th>
<th>Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Matte</td>
<td>100112</td>
<td>24' x 25' Roll</td>
<td>ROCF2425B</td>
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</tr>
<tr>
<td>Black Matte</td>
<td>100113</td>
<td>12' x 50' Roll</td>
<td>ROCF1250B</td>
<td>23.95</td>
</tr>
<tr>
<td>Black Matte</td>
<td>100114</td>
<td>48' x 25' Roll</td>
<td>ROCF4825B</td>
<td>72.50</td>
</tr>
</tbody>
</table>

**TOUGH UV FILTER**

A virtually transparent filter, specially coated to absorb ultraviolet rays. The material allows less than 10% transmission below 390 nanometers. **NOTE:** A black light filter passes UV. Rosco's filter absorbs UV.

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>311411</td>
<td>20' x 24' Sheet</td>
<td>R03114S</td>
<td>5.95</td>
</tr>
<tr>
<td>311412</td>
<td>24' x 50' Roll</td>
<td>R03114RQ</td>
<td>136.95</td>
</tr>
<tr>
<td>311413</td>
<td>48' x 25' Roll</td>
<td>R03114R</td>
<td>129.95</td>
</tr>
<tr>
<td>311414</td>
<td>Sleeve</td>
<td>R03114FS</td>
<td>14.95</td>
</tr>
</tbody>
</table>

**THE STORARO COLLECTION**

Ten color effects lighting filters that represent key chromatic elements of the visible spectrum, and are intended for dramatic effect and strong emotional response.

<table>
<thead>
<tr>
<th>Color</th>
<th>Cat. #</th>
<th>Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>V5-Red</td>
<td>200123</td>
<td>48' x 25' Roll</td>
<td>R02001R</td>
<td>129.95</td>
</tr>
<tr>
<td>V5-Orange</td>
<td>200223</td>
<td>48' x 25' Roll</td>
<td>R02002R</td>
<td>129.95</td>
</tr>
<tr>
<td>V5-Yellow</td>
<td>200323</td>
<td>48' x 25' Roll</td>
<td>R02003R</td>
<td>129.95</td>
</tr>
<tr>
<td>V5-Green</td>
<td>200423</td>
<td>48' x 25' Roll</td>
<td>R02004R</td>
<td>129.95</td>
</tr>
<tr>
<td>V5-Cyan</td>
<td>200523</td>
<td>48' x 25' Roll</td>
<td>R02005R</td>
<td>129.95</td>
</tr>
<tr>
<td>V5-Azure</td>
<td>200623</td>
<td>48' x 25' Roll</td>
<td>R02006R</td>
<td>129.95</td>
</tr>
<tr>
<td>V5-Blue</td>
<td>200723</td>
<td>48' x 25' Roll</td>
<td>R02007R</td>
<td>129.95</td>
</tr>
<tr>
<td>V5-Indigo</td>
<td>200823</td>
<td>48' x 25' Roll</td>
<td>R02008R</td>
<td>129.95</td>
</tr>
<tr>
<td>V5-Violet</td>
<td>200923</td>
<td>48' x 25' Roll</td>
<td>R02009R</td>
<td>129.95</td>
</tr>
<tr>
<td>V5-Magenta</td>
<td>201023</td>
<td>48' x 25' Roll</td>
<td>R02010R</td>
<td>129.95</td>
</tr>
</tbody>
</table>

**HEAT SHIELD**

A protective transparent filter of extremely heat stable polymer, specially designed to deflect heat. This product should be placed between the lens and the color filter, allowing space for the escape of heated air. Each sheet is 2 mils thick.

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>199111</td>
<td>20' x 24' Sheet</td>
<td>R0HS5</td>
<td>11.95</td>
</tr>
<tr>
<td>199112</td>
<td>24' x 50' Roll</td>
<td>R0HSR2450</td>
<td>262.95</td>
</tr>
<tr>
<td>199122</td>
<td>48' x 25' Rolls</td>
<td>R0HSA4825</td>
<td>262.95</td>
</tr>
</tbody>
</table>

**POLARIZING FILTERS**

This neutralizing linear polarizing film is used in front of lights to reduce the glare caused by smooth surfaces such as glass, water, paper and certain metallic objects. Especially effective when used in conjunction with a polarizing filter at the lens (cross polarization). Should be placed at a slight distance from hot lights.

<table>
<thead>
<tr>
<th>#</th>
<th>Cat. #</th>
<th>Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7300</td>
<td>730011</td>
<td>19' x 20' Sheet</td>
<td>ROPS</td>
<td>39.95</td>
</tr>
<tr>
<td>7300</td>
<td>730012</td>
<td>19' x 10' Roll</td>
<td>ROPR</td>
<td>199.95</td>
</tr>
</tbody>
</table>

To see the actual color of any filter, log on to our website at: www.bhphotovideo.com
TUNGSTEN CONVERSION FILTERS

Tungsten Conversion Filters are a range of blue filters that raise the color temperature as needed. Although typically used on tungsten-halogen sources to balance with daylight, the range offers a multitude of technical and aesthetic color correction possibilities. The material is deep-dyed for heat stability and superior color transmission.

Tungsten Conversion Filters —
20"x 24" Sheets

<table>
<thead>
<tr>
<th>Color</th>
<th>#</th>
<th>20&quot;x 24&quot;</th>
<th>48&quot;x 25&quot; Rolls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat #</td>
<td>Price</td>
<td>Cat #</td>
<td>Price</td>
</tr>
<tr>
<td>Full Blue (CTB)</td>
<td>3202</td>
<td>320211 5.65</td>
<td>320213 106.95</td>
</tr>
<tr>
<td>3/4 Blue (½ CTB)</td>
<td>3203</td>
<td>320311 5.65</td>
<td>320313 106.95</td>
</tr>
<tr>
<td>Half Blue (¼ CTB)</td>
<td>3204</td>
<td>320411 5.65</td>
<td>320413 106.95</td>
</tr>
<tr>
<td>Third Blue (⅓ CTB)</td>
<td>3206</td>
<td>320611 5.65</td>
<td>320613 106.95</td>
</tr>
<tr>
<td>Quarter Blue (⅖ CTB)</td>
<td>3208</td>
<td>320811 5.65</td>
<td>320813 106.95</td>
</tr>
<tr>
<td>Eighth Blue (⅛ CTB)</td>
<td>3210</td>
<td>321011 5.65</td>
<td>321013 106.95</td>
</tr>
<tr>
<td>Double Blue (2x CTB)</td>
<td>3220</td>
<td>322011 5.65</td>
<td>322013 106.95</td>
</tr>
</tbody>
</table>

SUN 85 AND N.D. FILTERS

These filters are usually applied to windows for color correction and/or light intensity reduction. RoscoSun 85 is an amber filter that lowers the color temperature of daylight to balance with 3200K sources. Rosco N.D. Filters reduce the level of exterior light and bring it within the exposure range of interior light levels. Two additional RoscoSun materials combine Sun 85 conversion with N.D. reduction. All materials are deep-dyed for optical clarity.

Daylight Conversion Filters —
20"x 24" Sheets

<table>
<thead>
<tr>
<th>Color</th>
<th>#</th>
<th>20&quot;x 24&quot;</th>
<th>48&quot;x 25&quot; Rolls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat #</td>
<td>Price</td>
<td>Cat #</td>
<td>Price</td>
</tr>
<tr>
<td>RoscoSun CTO</td>
<td>3407</td>
<td>340711 5.65</td>
<td>340713 106.95</td>
</tr>
<tr>
<td>Rosco Sun ¼ CTO</td>
<td>3411</td>
<td>341111 5.65</td>
<td>341113 106.95</td>
</tr>
<tr>
<td>Rosco Sun ½ CTO</td>
<td>3408</td>
<td>340811 5.65</td>
<td>340813 106.95</td>
</tr>
<tr>
<td>Rosco Sun ¾ CTO</td>
<td>3409</td>
<td>340911 5.65</td>
<td>340913 106.95</td>
</tr>
<tr>
<td>Rosco Sun Double CTO</td>
<td>3410</td>
<td>341011 5.65</td>
<td>341013 106.95</td>
</tr>
</tbody>
</table>

ACRYLIC PANELS

Daylight Control is also available in acrylic sheets for daylight correction or light intensity reduction.

To order Roscolux filters, just insert # from charts above after the Item # above between parenthesis.
With over 20 different materials, Rosco offers the broadest range of diffusion available. A wide variety of effects is possible, ranging from the slightest “feathering” of a beam edge, to the creation of a broad shadowless expanse.

### Diffusion Materials

**Carbon Arc and HMI Filters**

These filters are all designed to reduce color temperature in discrete steps.

<table>
<thead>
<tr>
<th>Color</th>
<th>20˝x 24˝ Sheets</th>
<th>48˝x 25˝ Rolls</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Cat #</td>
<td>Price</td>
</tr>
<tr>
<td>Soft Frost</td>
<td>3002</td>
<td>5.50</td>
</tr>
<tr>
<td>Wide Soft Frost</td>
<td>3023</td>
<td>5.50</td>
</tr>
<tr>
<td>1/2 Density Soft Frost</td>
<td>3004</td>
<td>5.50</td>
</tr>
<tr>
<td>Ilite (55˝x22˝)</td>
<td>3014</td>
<td>5.50</td>
</tr>
<tr>
<td>Grid Cloth (54˝x22”)</td>
<td>3030</td>
<td>5.50</td>
</tr>
<tr>
<td>Light Grid Cloth (54˝x22”)</td>
<td>3032</td>
<td>5.50</td>
</tr>
<tr>
<td>1/4 Grid Cloth (54˝x22”)</td>
<td>3034</td>
<td>5.50</td>
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</table>

**Diffusion Materials —**

<table>
<thead>
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</thead>
<tbody>
<tr>
<td></td>
<td>Cat #</td>
<td>Price</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**Fluorescent Light Filters**

Standard U.S. Cool White fluorescent bulbs offer a good approximation of daylight except for their distinct green cast. When Cool White fluorescents are encountered in film or video, two color correction techniques are available: either balance all other sources to the fluorescents, or balance the fluorescents to the reference source.

<table>
<thead>
<tr>
<th>Color</th>
<th>20˝x 24˝ Sheets</th>
<th>48˝x 25˝ Rolls</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cat #</td>
<td>Price</td>
</tr>
<tr>
<td>Tough Plusgreen</td>
<td>3304</td>
<td>6.65</td>
</tr>
<tr>
<td>Tough 1/2 Plusgreen</td>
<td>3315</td>
<td>6.65</td>
</tr>
<tr>
<td>Tough 1/4 Plusgreen</td>
<td>3316</td>
<td>6.65</td>
</tr>
<tr>
<td>Tough 1/8 Plusgreen</td>
<td>3317</td>
<td>6.65</td>
</tr>
<tr>
<td>Tough Minusgreen</td>
<td>3308</td>
<td>6.65</td>
</tr>
<tr>
<td>Tough 1/2 Minusgreen</td>
<td>3313</td>
<td>6.65</td>
</tr>
<tr>
<td>Tough 1/4 Minusgreen</td>
<td>3314</td>
<td>6.65</td>
</tr>
<tr>
<td>Tough 1/8 Minusgreen</td>
<td>3318</td>
<td>6.65</td>
</tr>
</tbody>
</table>

**Fluorescent Light Filters —**

<table>
<thead>
<tr>
<th>Item #</th>
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<th>48˝x 25˝ Rolls</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cat #</td>
<td>Price</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Lighting Packages**

Intermediate Lighting Package (9002) This kit contains five sheets each of 29 top selling filters from the Roscolux line. Contained are light, medium and dark blues, lavenders and pinks, ambers and yellows, greens, reds and cyans. Three special effects colors, two neutral densities and three diffusions are also included in the kit along with an Assorted Pattern Punch, Heat Shield, the Roscolux Professional Reference Edition Binder and assorted data sheets and guides. This kit is targeted toward facilities with modest budgets and storage facilities.

<table>
<thead>
<tr>
<th>Item #</th>
<th>20˝x 24˝ Sheets</th>
<th>48˝x 25˝ Rolls</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cat</td>
<td>Price</td>
</tr>
<tr>
<td></td>
<td>#</td>
<td></td>
</tr>
</tbody>
</table>

**Lighting Q&A**

Is it possible to set up a high-quality business and still make a living? How can I compete with better-established portrait studios, or chain-type, low-cost portrait studios?

In answer to the first question, yes. People with money to spend will always demand quality work. The phrase “you get what you pay for” applies to quality photographs as well. Anyone can take a Polaroid. You’ll compete with the better studios because you’re going to be as good, if not better, than they are. Quality will always search for quality.

Calibrated Color by Rosco is a series of color effects lighting filters designed specifically to the spectral sensitivity of color film. The series includes the primary colors Blue, Green and Red, along with the secondary colors Yellow, Magenta, and Cyan and the intermediary colors pink and lavender. Each color is designed in four densities: 15, 30, 60 and 90, corresponding to the familiar 1/2, 1, 2 and 3 stop calibrations. In color photography, three light-sensitive emulsion layers separately record the individual blue, green and red components of the spectrum. CalColor filters adjust the transmission of these color components at the individual light source in a familiar and reliable manner. As a result, the cinematographer can exercise selective and predictable control over the image's coloration as rendered by the film.

<table>
<thead>
<tr>
<th>Color</th>
<th>#</th>
<th>20' x 24' Sheets</th>
<th>48' x 25' Rolls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue (1/2 Stop)</td>
<td>4215</td>
<td>421511 6.19</td>
<td>421513 127.95</td>
</tr>
<tr>
<td>Blue (1 Stop)</td>
<td>4230</td>
<td>423011 6.19</td>
<td>423013 127.95</td>
</tr>
<tr>
<td>Blue (2 Stop)</td>
<td>4260</td>
<td>426011 6.19</td>
<td>426013 127.95</td>
</tr>
<tr>
<td>Blue (3 Stop)</td>
<td>4290</td>
<td>429011 6.19</td>
<td>429013 127.95</td>
</tr>
<tr>
<td>Cyan (1/4 Stop)</td>
<td>4307</td>
<td>430711 6.19</td>
<td>430713 127.95</td>
</tr>
<tr>
<td>Cyan (1/2 Stop)</td>
<td>4315</td>
<td>431511 6.19</td>
<td>431513 127.95</td>
</tr>
<tr>
<td>Cyan (1 Stop)</td>
<td>4330</td>
<td>433011 6.19</td>
<td>433013 127.95</td>
</tr>
<tr>
<td>Cyan (2 Stop)</td>
<td>4360</td>
<td>436011 5050</td>
<td>436013 127.95</td>
</tr>
<tr>
<td>Cyan (3 Stop)</td>
<td>4390</td>
<td>439011 6.19</td>
<td>439013 127.95</td>
</tr>
<tr>
<td>Green (1/2 Stop)</td>
<td>4415</td>
<td>441511 6.50</td>
<td>441513 127.95</td>
</tr>
<tr>
<td>Green (1 Stop)</td>
<td>4430</td>
<td>443011 6.19</td>
<td>443013 127.95</td>
</tr>
<tr>
<td>Green (2 Stop)</td>
<td>4460</td>
<td>446011 6.19</td>
<td>446013 127.95</td>
</tr>
<tr>
<td>Green (3 Stop)</td>
<td>4490</td>
<td>449011 6.19</td>
<td>449013 127.95</td>
</tr>
<tr>
<td>Yellow (1/2 Stop)</td>
<td>4515</td>
<td>451511 6.19</td>
<td>451513 127.95</td>
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To order CalColor filters, just insert # from chart below after the Item # above between parenthesis.

BUTTERFLIES AND OVERHEADS

A number of Cinegel materials are available to fit the standard butterfly and overhead frames used in motion pictures and television production. All materials are supplied edged-finished with binding and grommets on 24" centers. 6' sq. measures 5' 8" sq., 12' sq. measures 11' 8" sq., 20' sq. measures 19' 8" sq.

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**CINEGEL KITS**

- **Color Effects Kit** (8525)
  - The fifteen color filters in this kit are selected from the range of over 300 colors which Rosco produces for theatre, film and television. Each of the sheets of color is 10"x 12" and deep-dyed on a heat resistant base. They are ideal for the lights used in most video production.
  - Item # ROCEK ................... 32.00

- **Color Correction Kit** (9012)
  - This kit permits the color correction of virtually all mixed-light sources found on location. There are sixteen 10"x 12" Rosco diffusion materials packaged in this kit.
  - Item # ROCCK ................... 32.00

- **Diffusion Kit** (302010)
  - Diffusion materials help control the character of the lighting in each scene. Rosco's range is offered in closely graded steps so the photographer can select the exact diffusion material for each situation. There are fifteen 10"x 12" Rosco diffusion materials packaged in this kit.
  - Item # RODK ................... 32.00

- **Cinegel Sampler Kit** (9010)
  - This is an all-purpose selection of the most popular Cinegel products. There are fifteen 10"x 12" Rosco light control materials for the photographer. Included are materials for diffusion, reflection, color effects and mixed-light color correction (strobos, tungsten, "hotlights", or cool white fluorescents).
  - Item # ROC .......................... 32.00
E-Colour is Rosco’s comprehensive system of European color filters for film and video production. E-Colour includes different filters and materials for color correction, color effects, diffusion and reflection. They’re manufactured with the latest dye formulations and bonding technology to assure the highest levels of reliability and performance. E-Colour filters are available in 48”x25´ (122cm x 7.6m) rolls, as well as 21x24” (53x61cm) sheets.

### Color Effects Filters — 21”x 24” Sheets

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### Color Effects Filters — 48”x 25” Rolls

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To order E-Colour filters, just insert # from chart below after the Item # above between parenthesis.

To see the actual color of any E-Colour Color Effects Filter, log on to our website at: www.bhphotovideo.com
COLOR EFFECTS FILTERS (cont.)

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REFLECTION MATERIALS

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To see the actual color of any E-Colour Reflection Material, log on to our website at: www.bhphotovideo.com

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To order E-Colour reflection materials, just insert # from chart below after the Item # above between parenthesis.
To see the actual color of any E-Colour Color Correction Filter, log on to our website at: www.bhphotovideo.com

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To order E-Colour diffusion materials, just insert # from chart below after the Item # above between parenthesis.

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
Patterns, or gobos, are widely used by designers in theatre, film, photography and television to create atmosphere, project scenery, and generally enhance the visual impact of their lighting. Rosco offers an exceptionally diverse range of styles, many of which are maintained in constant inventory by Rosco dealers everywhere. To insure design integrity the patterns are etched using a precise double-sided process on stainless steel. The result is durable, high quality patterns which will withstand the extreme heat at the gate of ellipsoidal spotlights. Rosco Designer Patterns are round to allow for rotation in the gate when aligning the projected image. The standard “B” size is suitable for most fixtures with a 6” lens when used with a Rosco Gobo Holder. Trimming of patterns, where necessary, can be easily accomplished with a pair of scissors. Cyberlight patterns available by special order.

**DESIGNER PATTERNS — STAINLESS STEEL**

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Rosco Designer Patterns

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To see the actual design of any stainless steel Gobo, log on to our website at: www.bhphotovideo.com
ROSCO

LIGHT CONTROL

GOBOS
GOBOS — STAINLESS STEEL
Pattern
Munn Slash
Music
Nebula
No Strings
NYC Skyline
Oblique Blinds
Open Palm
Palm
Parallel Breakup
Perpendicular
Pick Up Sticks
Pin Wheel
Pine Branches
Pines
Pop Top
Quadrangles
Quartz
Radial Lines
Radiowave
Realistic Leaves
Realistic Stars
Reflective Bubble
Rising “Saigon” Sun
River Bed
Roses
Rose Window
Roundel
Runyon Windows
Scribble
Scrub
Shape Breakup 1
Sharp Breakup Small
Shattered
Shutters
Shuttered Arch
Small Squares
Snowflakes
Soft Breakup
Spellbound
Spiral
Spiro Gira
Splinters
Split Four
Sponged
Stars 1
Stars 4
Star Cluster
Star Of Bethlehem
Stonewall 2
Tangle
Thicket

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“A” Size 100mm

“B” Size 86mm

“M” Size 66mm

“E” Size 37.5mm

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PHOTO - VIDEO - PRO AUDIO

Double Hung
Window
(7703)

French Doors 1
(7704)

Shuttered Arch
(7759)

Internal
Reflections
(7760)

Roses
(7763)

Music
(7770)

Runyon Windows
(7792)

French Doors 2
(7976)

Branching
Leaves
(7864)

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stainless steel Gobo,
log on to our website at:
www.bhphotovideo.com

705


Image Glass, a new idea in projected patterns, provides a textured depth not available with stainless steel gobos. The glass has been carefully crafted to provide the most interesting kind of textures and can yield stunning results when combined with each other, particularly when the images are colored with Roscolux in the color frame. Image Glass should be used only in Source Four or Shakespeare fixtures, with a maximum of 600 watts. They are supplied in B size, encased in a metal ring. These patterns require an Universal Iris Slot Pattern Holder.

To order Image Glass Gobos, just insert # from chart below after the Item # above between parenthesis.

---

**Image Glass Patterns**

To see the actual design and color of any Image Glass Gobo, log on to our website at: www.bhphotovideo.com

---

**Image Glass**

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Stippled Series
Rosco’s Colorizer Patterns can be used to create stunning multicolored projection effects. They fit a standard theatrical ellipsoidal fixture that accepts the Rosco standard “B” size glass patterns, (maximum wattage 10000 watts). The colorizers can be used alone to achieve colored projections or paired in a pattern holder with a stainless steel pattern for new dramatic effects. Suddenly a leaf breakup has added depth and color and a typical abstract pattern paired with a colorizer has a unique look. To further enhance the color add a color filter or a split gel to the gel frame.

Featherlight Series
The Featherlight Series of Colorizers has the same purpose as the Stippled Colorizers, but allows much more white light through. The “feather duster” textured look makes these Colorizers perfect to use in conjunction with a stainless steel pattern or as a breakup alone.

Universal Iris Slot Holders
The Universal Iris Slot Holder has been carefully designed and engineered to fit into many of the new generation of ellipsoidal fixtures including the ETC Source 4, Altman Shakespeare, Strand SL and Selecon Pacific Cool Light. An Iris Slot Holder allows a glass pattern to be placed in the Iris Slot of a fixture in the front of the gate, necessary for some thicker glass gobos. In addition the Iris Slot Holder is double sided allowing you to use two gobos, glass or and steel, in the iris slot at the same time. Use only for 86mm standard B size gobos.

Gobo Holders
A low cost accessory to sharpen the definition of projected images.

7.5˝ Donut (798910) Fits most 6˝ ellipsoidal reflector spotlights. Item # ROD7.5 ... 5.65

6.4˝ Donut (798810) Fits Source 4/Altman Shakespeare Item # ROD6.4 ... 5.65
**Single Gobo Rotator**
The Single Gobo Rotator is designed to fit into a fixed focus ellipsoidal with a drop-in iris slot, and allows a gobo to be rotated in the center of the optical axis of the beam. Rotators accept “B” size Rosco Gobos which are retained by a high temperature spring clip. A gobo retaining ring is also supplied for use in addition to the spring clip for gobos that distort after use. The Single Gobo Rotator is available as a 12v DC, 0-9 RPM Variable Speed unit. It is also available in four fixed speed reversible synchronous AC models with 1, 2, 5 and 10 RPM speeds. Fixed speed motors should only be powered from non-dim circuits; DC motors should only be used with a Rosco Variable Speed Controller, DC/DMX Controller, or a “MFX” Control Adaptor.

**Double Gobo Rotator**
Rosco’s Double Gobo Rotator is a precisely engineered, carefully manufactured device which offers spectacular effects at an affordable price. The device accepts two “B” size patterns, steel or glass. They are secured face to face in the optical path, secured with high temperature spring clips and aluminum retaining rings. This face to face configuration, made possible by durable but narrow gear chain, allows the two patterns to have a common center axis. The design of the Gobo Rotator allows the two main patterns to be positioned less than 1.5mm apart, so both can be in sharp focus. The retaining rings can be rearranged, however, to yield three levels of spacing between the gobos. The flexible spacing not only prevents mechanical interaction between two gobos but allows designers and technicians to have one pattern in sharp focus and the other in soft focus.

**ACCESSORIES**

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</table>

For Any Inquiries Regarding Your Order, Call Our Customer Service: (800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
The Animation Effects System consists of a Rosco Steel Gobo in the gate of the spotlight, as well as an Animation Disc positioned in front of the fixture lens. The system includes eleven etched stainless steel discs that are 16.5” (42cm) in diameter. These discs are attached to the Animation Motor Unit that in turn will fit the front of most lighting fixtures. The Motor Unit is available in a 12v DC, 0-9 RPM Variable Speed Unit, or four fixed speed reversible synchronous AC models with 1, 2, 5 and 10 RPM speeds. Fixed speed motors should only be powered from non-dim circuits; DC motors should only be used with a DC/DMX Controller, Rosco Variable Speed Remote, or a “MFX” Control Adaptor. Animation Effects are also available for other fixtures.

### Animation Motor Units

- **Animation Motor Unit (2110)**
  - AC Fixed Speed, 1 RPM
  - Item # ROAMU1 .......... 309.95
- **Animation Motor Unit (2210)**
  - AC Fixed Speed, 2 RPM
  - Item # ROAMU2 .......... 309.95
- **Animation Motor Unit (2510)**
  - AC Fixed Speed, 5 RPM
  - Item # ROAMU5 .......... 309.95
- **Animation Motor Unit (2810)**
  - AC Fixed Speed, 10 RPM
  - Item # ROAMU10 ........ 309.95
- **Animation Motor Unit (2910)**
  - DC Variable Speed, 0-9 RPM
  - Item # ROAMUVS .......... 321.95

### Animation Effects

#### Tangential Breakup (1011Q)
Provides a directional movement in the direction of rotation; and is most suitable for flames, flowing water and other effects where a single direction of movement is required.

**Item # ROADTBU .......... 168.95**

#### Radial Breakup (1012Q)
Provides a regular movement suitable for flickering flames, water ripple, reflected water, and shimmer for heat haze or mirage effects.

**Item # ROADRBU .......... 168.95**

#### Spiral Breakup (1013)
Provides bi-directional movement like wind blown rain, snow or wind-fanned flames. It is worth experimenting with the angle of the gobo to achieve all possibilities with this disc.

**Item # ROADSBU .......... 168.95**

#### Linear Breakup (1014)
Provides rhythmic movement and can be used to simulate a breeze through the branches of a tree or rhythmic undulations from ocean waves.

**Item # ROADLBU .......... 168.95**

#### Triangle Breakup (1015)
Provides a more pronounced rhythmic effect than the Linear Breakup and is intended for use with a split color as a psychedelic effect or a rough sea effect.

**Item # ROADTRBU .......... 168.95**

#### Cloud Breakup (1016)
It’s designed for a softer directional movement particularly at slow speeds. It can provide interesting cloud effects with cloud gobos or a soft flowing stream effect.

**Item # ROADCBU .......... 168.95**

#### Elliptical Breakup (1017)
Designed to provide bi-directional two plane movement, similar to the Spiral Breakup, but with the added feature that the direction of movement varies as the disc revolves. This is specifically for snow or similar slow moving effects where flurries of movement would be expected.

**Item # ROADEBU .......... 168.95**

#### Dot Breakup (1018)
Designed to maintain a clearer projection of the gobo image with movement and is suggested for effects such as falling leaves.

**Item # ROADDBU .......... 168.95**

#### Flicker Wheel (1019)
Is for providing a flicker effect in conjunction with a high motor speed. This can be used for passing train effects or just to break up the beam of a spotlight for simple strobe effects.

**Item # ROADFW .......... 168.95**

#### Coarse Radial Breakup (1020)
This is particularly effective animating light from a nonfocusing source while providing a minimal loss in intensity.

**Item # ROADCRRBU .......... 168.95**

#### Coarse Tangential Breakup (1021)
The most suitable for animation effects (ie, flames) in ellipsoidal spotlights without gobos or in nonfocusing lights such as fresnels.

**Item # ROADTCRRBU .......... 168.95**
Rosco's fog systems are specially designed for applications in theater, film, television, and live entertainment. The Rosco system includes fog machines, fog fluids, and fog accessories. Each has unique features and is designed to work exclusively with other Rosco fog system products. They have been thoroughly tested for safety and effectiveness.

Model 1600 (160010)
With its exclusive peristaltic pump system, the model 1600 offers a large range of fog output that can propel either billowing clouds or wisps at the turn of a dial. The optional Super Remote offers timers to regulate programmable On/Off cycles for hands-free operation. An optional DMX Interface is available to operate the machine from a DMX control board. The compressed air port allows easy cleaning of the heat exchanger. In addition, the introduction of compressed air can be used to help create a wide variety of special fog effects. At the rear of the machine is a well that accommodates a liter bottle of Rosco Fog Fluid. An attached 7.5’ power cord and 15’ remote cord are supplied. The Model 1600 offers a one year limited warranty. Item # RO1600 ........................................808.95

Model 4500 (450010)
The 4500 features the option of using either the 1½ liter internal tank or an external supply of unlimited quantity. The model 4500 offers the highest output of any machine to produce dense clouds of realistic stage fog. The 4500 comes equipped with a Standard Remote Control. The Super Remote is available as an option. Can be used with the entire line of Rosco fog fluids, and offers a one year warranty. Item # RO4500 ........................................1614.95

Model 4500 (450020) with Super Remote Control, Item # RO4500RC ........................................1682.95

Model 4500 240V (450011)
Same as (450010) in 240V, Item # RO4500X ........................................1614.95

Model 4500 240V (450021) Same as (450020) in 240V, Item # RO4500RCX ........................................1682.95

Alpha 900 Fogger (101120010)
Rosco’s newest - and most economical - fog machine is an excellent choice for applications where the effect does not have to be controlled. A simple on-off switch, in the remote control only, initiates a remarkably powerful blast of smoke. The output from the 1000W heater of this compact machine is truly remarkable. At only eleven 11 lbs., with a remote power cord of 15’, the Alpha 900 Fogger is ideal for use at parties or other non-permanent venues. Item # ROA900 ..............................379.95

PF-1000 Pencil Fogger (100010)
The PF-1000 Pencil Fogger is designed for remote, precise applications where the use of a standard fog machine is not practical. A basic system consists of a separate Heat Exchanger Module, a Control Center and related tubing and wiring. The small size of the system allows it to be used in places a standard fog machine can not fit, such as in props and animated mannequins. Regulated compressed air can be introduced through the heat exchanger to add to the creation of punctuated effects and for cleaning. The system can be controlled directly from the Control Center box or with modification, be activated through a lighting control board or a main control computer. The system uses all standard Rosco fog fluids. Custom PF-1000 systems can also be designed. Item # ROPF1000 ......................................1462.50

FOG FLUID

The most widely used fog fluid in theatre, live entertainment and theme parks. When vaporized, this unique formulation produces a dense, realistic fog which has no unpleasant odor.

Fog Fluid - Liter (820771) Item # ROFFL ........................................14.95
Fog Fluid - 2.5 Liter (820720) Item # ROFF2.5L ..........................34.95
Fog Fluid - 4 Liter Bottle (820814) Item # ROFF4L ..........................52.95

Fog Fluid - 4 Liter Bottle (820814) Item # ROFF4L ..........................52.95
This unique combination kit offers the photographer the choice of carrying just one, easily collapsible reflector on location. Consists of a silver, white, black, gold and translucent diffuser surface. They all come in a nylon zippered pouch for easy storage.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Code</th>
<th>Price</th>
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<tr>
<td>22˝ 5-In-1</td>
<td>Kit (SPC22K)</td>
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<td>Kit (SPC32K)</td>
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<td>Kit (SPC42K)</td>
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**DOUBLE-SIDED CIRCULAR REFLECTORS**

These sturdy, nylon fabric reflectors feature spring steel forms which fold down easily and store in the supplied carry bag.

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<th>Size</th>
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**CIRCULAR AND RECTANGULAR DIFFUSERS**

Use these for very soft reflected light, or for an even softer effect, you can shoot through the fabric for a fantastic north light effect. Also feature spring steel forms which easily fold down to fit into their supplied carry bags.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>12˝ Collapsible Diffuser (Translucent)</td>
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<td>22˝ Collapsible Diffuser (Translucent)</td>
<td>(SPTCD22)</td>
<td>SPD22T</td>
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<tr>
<td>32˝ Collapsible Diffuser (Translucent)</td>
<td>(SPTCD32)</td>
<td>SPD32T</td>
<td>24.95</td>
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<tr>
<td>42˝ Collapsible Diffuser (Translucent)</td>
<td>(SPTCD42)</td>
<td>SPD42T</td>
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<td>48˝ Collapsible Diffuser (Translucent)</td>
<td>(SPTCD48)</td>
<td>SPD48T</td>
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<tr>
<td>48x72˝ Collapsible Diffuser (Translucent)</td>
<td>(SPTCD4872)</td>
<td>SPD4872T</td>
<td>64.95</td>
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<tr>
<td>Universal Reflector Mounting Arm</td>
<td>(SPM4UR)</td>
<td>SPM4UR</td>
<td>46.95</td>
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ORDER & INFORMATION (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008
1-800-947-9941 • www.bhphotovideo.com
Westcott products are all constructed with high-quality materials and precision craftsmanship. For Film-Broadcast-Video and Still photographers, Westcott offers a large range of versatile, innovative light control products and backgrounds that are quick and easy to set-up and take-down, and designed for convenient portability.

### THE BOX

The Box is made of quality fabrics. Rods are metal - no fiberglass to break. Around the light, the fitted collar is made of heat retardant material. The standard box is composed of high quality black metalized fabric with reinforced corners, an internal diffuser baffle, an exterior diffuser panel and four metal rods. The internal baffle is removable and the exterior panel can be used in the recessed or flat position. Optional Louvers are also available in kits of six, along with fabric egg crate grids.

<table>
<thead>
<tr>
<th>Box 1 Soft Box (1622)</th>
<th>Box 2 Soft Box (2432)</th>
<th>Box 3 Soft Box (3648)</th>
<th>Box 4 Soft Box (7254)</th>
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</thead>
<tbody>
<tr>
<td>Silver interior, 16” x 22” (41x56cm).</td>
<td>Silver interior, 24” x 32” (61x81cm).</td>
<td>Silver interior, 36” x 48” (91x122cm).</td>
<td>Silver interior, 54” x 72” (137x183cm).</td>
</tr>
<tr>
<td>Item # WEB1S ..........108.50</td>
<td>Item # WEB2S ..........123.20</td>
<td>Item # WEB3S ..........163.10</td>
<td>Item # WEB4S ..........279.95</td>
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<table>
<thead>
<tr>
<th>Box 1 Soft Box (3651)</th>
<th>Box 2 Soft Box (3652)</th>
<th>Box 3 Soft Box (3653)</th>
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<tbody>
<tr>
<td>White interior, 16” x 22” (41x56cm).</td>
<td>White interior, 24” x 32” (61x81cm).</td>
<td>White interior, 36” x 48” (91x122cm).</td>
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<td>Item # WEB1W ..........108.50</td>
<td>Item # WEB2W ..........123.20</td>
<td>Item # WEB3W ..........168.50</td>
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<tr>
<th>Strip Bank (3666)</th>
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<tr>
<td>12” x 36” (30x91cm).</td>
<td>12” x 50” (30x127cm).</td>
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<tr>
<td>Item # WESB1236 ...119.95</td>
<td>Item # WESB1250 ...224.90</td>
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### ACCESSORIES

Accessory Kits contain a circular face mask, two strip light panels and four gold/white panels, which allow instant interior color change.

<table>
<thead>
<tr>
<th>Accessory Kit for Box 1 (1623)</th>
<th>Accessory Kit for Box 4 (7253)</th>
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<tbody>
<tr>
<td>Item # WEAKSB1 .............87.95</td>
<td>Item # WEAKSB4 ...........204.00</td>
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<table>
<thead>
<tr>
<th>16” Louvers (1624)</th>
<th>40° Fabric Egg Crate Grid (2461)</th>
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<tbody>
<tr>
<td>for Box 1 (6 Per Kit).</td>
<td>for Box 2.</td>
</tr>
<tr>
<td>Item # WELSB1 ........33.95</td>
<td>Item # WEECB2 ..........138.95</td>
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<table>
<thead>
<tr>
<th>32” Louvers (2435)</th>
<th>40° Fabric Egg Crate Grid (2462)</th>
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<tr>
<td>for Box 2 (6 Per Kit).</td>
<td>for Box 3.</td>
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<tr>
<td>Item # WELSB2 ........39.95</td>
<td>Item # WEECB3 ..........202.40</td>
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<thead>
<tr>
<th>48” Louvers (3650)</th>
<th>40° Fabric Egg Crate Grid (2463)</th>
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</thead>
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<tr>
<td>for Box 3 (6 Per Kit).</td>
<td>for Strip Bank 12 x 36”.</td>
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<tr>
<td>Item # WELSB3 ........68.50</td>
<td>Item # WEECSB1236 ....109.95</td>
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<tr>
<th>40° Fabric Egg Crate Grid (2460)</th>
<th>40° Fabric Egg Crate Grid (2467)</th>
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<tbody>
<tr>
<td>for Box 1.</td>
<td>for Strip Bank 12 x 50”.</td>
</tr>
<tr>
<td>Item # WEECB1 ........87.95</td>
<td>Item # WEECSB1250 ....179.90</td>
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</tbody>
</table>
The Run&Gun is constructed of a double layered clear heat shield pocket on the front panel that works as a pocket to hold gels. The speed ring is permanently attached to the unit on one side and has two quick-release knobs on the other side. The outside perimeter has hook and loop tape around three sides to attach the diffusion fabrics. This will allow the use of both gels and diffusion fabrics in tandem. The unit will come standard with a full stop diffusion fabric. The Run&Gun is available in two sizes 8x8” and 12x12”. An optional accessory kit will also be available for both sizes. The kit will consist of four gels and two diffusion fabrics. The Run&Gun is very compact, and comes with a heavy-duty carry case that will fit into the lid of a standard light case.

Run&Gun 8x8” (2352)  
Fits these lights - Arri Plus 300, LTM Pepper 650, K5600 Joker 200, Altman 300L Mole Richardson Betweenie 300 and other assorted Mole lights.  
Item # WERG88 .......................... 207.00

Run&Gun 12x12” (5” Ring) (2353)  
Fits these lights - Arri Plus 300, LTM Pepper 650, K5600 Joker 200, Altman 300L Mole Richardson Betweenie 300 and other assorted Mole lights.  
Item # WERG12125 .................. 243.00

Run&Gun 12x12” (6” Ring) (2354)  
Fits these lights - Arri Compact 200, Arri Plus HMI 200, Arri Plus 650, K5600 Joker 400, Altman 650L.  
Item # WERG1212658 ....... 243.00

Run&Gun Egg Crate Grid  
8x8” 40° (2370)  
Item # WEECRG88 ............. 89.90

Run&Gun Egg Crate Grid  
12x12” 40° (2371)  
Item # WEECRG1212 ....... 125.90

Run & Gun Accessory Kit for 8x8”  
(2360)  
Item # WEAKRG88 ............... 49.95

Run & Gun Accessory Kit for 12x12”  
(2361)  
Item # WEAKRG1212 .......... 62.00

Accessory Kit includes:  
1- Daylight to Tungsten Gel/Full CTO  
1- Tungsten to Daylight Gel/Full CTB  
1- Neutral Density Gel/.3 (1-stop)  
1- Diffusion Gel/Full White  
1- Diffusion 1-1/4 Stop cloth diffusion fabric.  

Manufacturer | Ring # | Item # | Price |
--------------|--------|--------|-------|
Balcar All Models | 3500 | WERSROBQ | 56.60 |
Bowens All Esprit, Estime, Prolite and Travelite models | 3502 | WERSROBB | 64.70 |
Broncolor Impact Impact 41, 21, S, 540, S80, Visatec line | 3511 | WERSROBRR | 56.60 |
Broncolor Plus Compuls, Flashman, Pulsar 2,4-9 Twin, Picolite, Modilite | 3512 | WERSRS312 | 56.60 |
Comet A CX Series, CL Series, CLX Series, CT 300 mini Travelite, GAX/CLS series, Mono Block | 3513 | WERSRS313 | 56.60 |
Comet B CT600, CT300, CN 200 | 3514 | WERSRS314 | 56.60 |
Dyna-Lite All Models | 3501 | WERSROBD | 64.70 |
Elinchrom All Models (include Prolinca Line) | 3508 | WERSROBE | 56.60 |
Hasselblad D40 | 3515 | WERSR315 | 56.60 |
Hensel Expert Basic Series, Contra Series, EH Party Series, EH Flash, Expert Series | 3510 | WERSROBHE | 56.60 |
Hensel Mono HM Scan Flash, MH/ Twin Series, Mono Max, Mono Flash, Mono 400/800/1800, Mono Profi | 3509 | WERSROBHM | 56.60 |

Manufacturer | Ring # | Item # | Price |
--------------|--------|--------|-------|
Lowel Omni | *2459 | WERSLO | 106.95 |
Lowel Tota | *2458 | WERSLTT | 109.95 |
Lumedyne All Models | 3515 | WERS3515 | 56.60 |
Mamiya Pro Foto | 3507 | WERSROBPQ | 121.40 |
Norman LH - 500/500BH/500PLUS/500B PLUS 2000/2400/2400B/4000, Norlite Monostrobe, Illum. Series | 3503 | WERSROBN | 64.70 |
Norman 200B/400B/LH2/LH2K/LH2K-ML | 3515 | WERS3515 | 56.60 |
Novatron M300 Monolite, 2150-C, 2150-FC, 2153-Q all bare tubes | 3504 | WERSROBQ | 56.60 |
Photogenic Powerlite, PM12, AE10, AA12, PL12, Studio Flash Master | 3505 | WERSROBP | 77.95 |
Quantum Q-Flash (all models) | 3515 | WERS3515 | 56.60 |
Speedotron 102, 103, 104, 105, 106, 202VF, 206VF, Brownline M11/Q | 3506 | WERSROBS | 68.50 |
Sunpak AutoPro 120 | 3515 | WERS3515 | 56.60 |
White Lighting All Models (except WL 5000 and WL 10000) | 3500 | WERSROB | 56.60 |
## Adapter Rings for Film-Video

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<th>Silver Standard</th>
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<td>Altman 575SE</td>
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<td>Altman 650L</td>
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<tr>
<td>ColorTrans NSI Mini - Pro</td>
<td>2444</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Desisti RC Bo 100F</td>
<td>2442</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ianiro Varibeam 800</td>
<td>2442</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ianiro Varibeam 1000</td>
<td>2502</td>
<td>4502</td>
<td></td>
</tr>
<tr>
<td>K5600 Bug-Lite 200</td>
<td>2443</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K5600 Bug-Lite 400</td>
<td>2443</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K5600 Bug-Lite 800</td>
<td>2443</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K5600 Joker 200</td>
<td>2444</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Halo

Halo Light Modifiers are built using umbrella frames. No need for speed rings, just use the umbrella receptacle on your light. Round Hex.

<table>
<thead>
<tr>
<th>Product</th>
<th>Dimensions</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halo 45˝ (114cm)</td>
<td>(2025)</td>
<td>105.05</td>
</tr>
<tr>
<td>Halo Mono</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Apollo

**EPS Halo**

40" x 50" (102x127cm) (2134)

Designed by acclaimed photographer and lecturer Ed Pierce, this is a large 40" x 50" (102x127cm) rectangular parabolic light modifier that can be mounted either vertically for full length portraiture or horizontally for wide group shots. Produces a natural, window-light effect. Features 3/8" swedged aluminum center shaft and a double-ribbed reinforced framework.

<table>
<thead>
<tr>
<th>Product</th>
<th>Dimensions</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apollo JS 50#</td>
<td>(127cm)</td>
<td>245.15</td>
</tr>
</tbody>
</table>

**Apollo Mono**

The Apollo Mono light modifier, designed by distinguished lecturer and Westcott technical advisor James Schmelzer, is a large, 50" (127cm), square, recessed-front light modifier that produces the look of a window light. Center shaft measures 3/8". Recessed-Front.

<table>
<thead>
<tr>
<th>Product</th>
<th>Dimensions</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apollo Mono 5.25&quot; x 8&quot;</td>
<td>(13x20cm)</td>
<td>35.00</td>
</tr>
</tbody>
</table>

### Portable Studio Kits

<table>
<thead>
<tr>
<th>Kit Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kit 1 Standard</td>
<td>113.20</td>
</tr>
<tr>
<td>Kit 2 Standard</td>
<td>216.20</td>
</tr>
<tr>
<td>Kit 3 Standard</td>
<td>134.50</td>
</tr>
</tbody>
</table>

### Apollo Mono

The Apollo Mono light modifier gives the same look as other Apollo models, but can be fastened over almost any monolight so light controls remain outside for easy access. A lightweight reflector plate may be purchased separately to produce indirect lighting.

<table>
<thead>
<tr>
<th>Product</th>
<th>Dimensions</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apollo RL3</td>
<td>22 x 34&quot;</td>
<td>157.00</td>
</tr>
</tbody>
</table>

### Internal Reflector Plate

Internal Reflector Plate for Mono

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # WEIRP</td>
<td>19.95</td>
</tr>
</tbody>
</table>

### Mounting Arm

Mounting Arm for 28˝ Apollo Mono

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item # WEMAAM</td>
<td>24.00</td>
</tr>
</tbody>
</table>
UMBRELLAS

Umbrellas provide quick and easy light diffusion. Silver and gold metalized interiors modify color of light. Umbrellas can be used as a bounce light source. Optical White Satin umbrellas can be positioned closed to the subject for a shoot-through diffuser. Zebra umbrellas have alternating panels of lame and the highest quality optical white satin. Gold and white increase warmth. Silver and white increase specularity.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32˝ (81cm)</td>
<td>Optical White Satin</td>
<td>WEU32W</td>
<td>18.55</td>
</tr>
<tr>
<td>32˝ (81cm)</td>
<td>Soft Silver/Black Backing</td>
<td>WEU32SB</td>
<td>18.55</td>
</tr>
<tr>
<td>43˝ (109cm)</td>
<td>Optical White Satin Collapsible</td>
<td>WEU43W</td>
<td>19.60</td>
</tr>
<tr>
<td>43˝ (109cm)</td>
<td>Soft Silver/Black Backing Collapsible</td>
<td>WEU43SS</td>
<td>19.60</td>
</tr>
<tr>
<td>45˝ (114cm)</td>
<td>Optical White Satin</td>
<td>WEU45W</td>
<td>19.60</td>
</tr>
<tr>
<td>45˝ (114cm)</td>
<td>Soft Silver/Black Backing</td>
<td>WEU45SS</td>
<td>19.60</td>
</tr>
<tr>
<td>32˝ (81cm)</td>
<td>White Satin with Removable Black Cover</td>
<td>WEU32WB</td>
<td>22.55</td>
</tr>
<tr>
<td>45˝ (114cm)</td>
<td>White Satin with Removable Black Cover</td>
<td>WEU45WB</td>
<td>27.80</td>
</tr>
<tr>
<td>45˝ (114cm)</td>
<td>Silver/White Zebra Umbrella</td>
<td>WEUZ45SW</td>
<td>49.95</td>
</tr>
<tr>
<td>45˝ (114cm)</td>
<td>Gold/White Zebra Umbrella</td>
<td>WEUZ45GW</td>
<td>49.95</td>
</tr>
<tr>
<td>45˝ (114cm)</td>
<td>Metalized Umbrella, Silver/Black Backing</td>
<td>WEU45SB</td>
<td>49.95</td>
</tr>
<tr>
<td>45˝ (114cm)</td>
<td>Metalized Umbrella, Gold/Black Backing</td>
<td>WEUM45GB</td>
<td>49.95</td>
</tr>
</tbody>
</table>

FLAGS AND SCRIMS

Collapsible and durable carbon steel wire frame has arms to swing out to 90° angles and locks into place. Fabric covers of Single and Double Nets, Solid Black, China Silk/Chiffon and Artificial Silk are easily interchangeable.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>18˝x 24˝ (46x61cm)</td>
<td>Single Black Net</td>
<td>WES1824SNB</td>
<td>26.95</td>
</tr>
<tr>
<td>18˝x 24˝ (46x61cm)</td>
<td>Double Black Net</td>
<td>WES1824DNB</td>
<td>38.95</td>
</tr>
<tr>
<td>18˝x 24˝ (46x61cm)</td>
<td>One Stop Silk</td>
<td>WES18241SS</td>
<td>23.50</td>
</tr>
<tr>
<td>18˝x 24˝ (46x61cm)</td>
<td>Two Stop Silk</td>
<td>WES18242SS</td>
<td>23.50</td>
</tr>
<tr>
<td>18˝x 24˝ (46x61cm)</td>
<td>Collapsible Frame</td>
<td>WESF1824</td>
<td>29.95</td>
</tr>
<tr>
<td>24˝x 36˝ (61x91cm)</td>
<td>One Stop Silk</td>
<td>WES24361SS</td>
<td>37.00</td>
</tr>
<tr>
<td>24˝x 36˝ (61x91cm)</td>
<td>Two Stop Silk</td>
<td>WES24362SS</td>
<td>37.00</td>
</tr>
<tr>
<td>24˝x 36˝ (61x91cm)</td>
<td>Collapsible Frame</td>
<td>WESF2436</td>
<td>32.00</td>
</tr>
<tr>
<td>18˝x 24˝ (46x61cm)</td>
<td>Scrim Kit (1931)</td>
<td>WESK1824</td>
<td>313.50</td>
</tr>
<tr>
<td>24˝x 36˝ (61x91cm)</td>
<td>Scrim Kit (1936)</td>
<td>WESK2436</td>
<td>379.95</td>
</tr>
</tbody>
</table>

Light Tents

Designed for photography of highly reflective objects. They are made of optical white diffusion material. Position Camera lens along the slit running the height of the collapsible tents. Open and close with a flick of the wrist, like the illuminator reflectors and backgrounds.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54˝x 40˝ (137x102cm)</td>
<td></td>
<td>WELT54</td>
<td>68.40</td>
</tr>
<tr>
<td>48˝x 60˝ (122x152cm)</td>
<td></td>
<td>WELT48</td>
<td>115.40</td>
</tr>
</tbody>
</table>

For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
Scrim Jim is a strong, collapsible diffusion and reflection system. Frames are made of light-weight aircraft aluminum. Modular construction allows you to create three easy-to-handle frame sizes. The unique modular design allows for easy portability as well as quick set-up and take-down. Fabrics are of the highest quality and have hook & loop tape sewn around the perimeter for an even, taut and secure fit to the frame, even during periods of strong winds. Scrim Jim Frames are available in three sizes: Small frame consists of four 42'' (107cm) corner pieces; Medium frame consists of four 42” (107cm) corner pieces and two 30” (76cm) extensions; Large frame consists of four 42” (107cm) pieces and four 30” extensions. The kit contains of a frame, 3/4 stop fabric, silver/white fabric and kit bag.

<table>
<thead>
<tr>
<th>Frame Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>42” x 42” (107x107cm)</td>
<td>WEFSJSQ</td>
<td>69.00</td>
</tr>
<tr>
<td>42” x 72” (107x183cm)</td>
<td>WEFSJM</td>
<td>102.00</td>
</tr>
<tr>
<td>72” x 72” (183x183cm)</td>
<td>WEFSJL</td>
<td>162.75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kit Size</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Kit</td>
<td>WESJSK</td>
<td>185.40</td>
</tr>
<tr>
<td>Medium Kit</td>
<td>WESJKM</td>
<td>249.25</td>
</tr>
<tr>
<td>Large Kit</td>
<td>WESJLK</td>
<td>360.50</td>
</tr>
</tbody>
</table>

Scrim Jim Frame Extensions 30” (Pair) (1986) Item # WEFESJ $59.95

Scrim Jim Frame Extensions 42” (Pair) (1882) Item # WEFESJ $59.95

Scrim Jim Frame Extensions 60” (Pair) (1883) Item # WEFESJ $59.95

Universal Clamp with 5/8” Stud (1880) Item # WESJC $69.00

Black Grip Head (1881) Item # WESJGH $36.30

Aluminum Handle (1882) Item # WESJH $47.40

Scrim Jim Frame Extensions 60” (Pair) (1882) Item # WEFESJ $59.95

Butterfly Bracket (1886) Item # WESJBBF $133.00

Carrying Bag (1888) Item # WECJSQ $42.25

40° Egg Crate for Small Scrim Jim (2463) Item # WEFSJG40S $449.90

40° Egg Crate for Large Scrim Jim (2464) Item # WEFSJG40L $1106.90

Small – 42” x 42” (107x107cm) Sunlight/Silver (1866) Item # WEFSJ5GSW $65.00

Medium – 42” x 72” (107x183cm) Sunlight/Silver (1867) Item # WEFSJ5G5SW $93.70

Large – 72” x 72” (183x183cm) Sunlight/Silver (1868) Item # WEFSJ5GLSW $135.10

Small – 42” x 42” (107x107cm) Gold/White (1872) Item # WEFSJ5GW $55.20

Medium – 42” x 72” (107x183cm) Gold/White (1873) Item # WEFSJ5G5GW $74.50

Large – 72” x 72” (183x183cm) Gold/White (1874) Item # WEFSJ5GLGW $115.30

Small – 42” x 42” (107x107cm) Flat Black (1875) Item # WEFSJ5FB $65.00

Medium – 42” x 72” (107x183cm) Flat Black (1876) Item # WEFSJ5G5FB $90.90

Large – 72” x 72” (183x183cm) Flat Black (1877) Item # WEFSJ5GLFB $115.30
DIFFUSION FABRICS

Small 1/2 Stop White Net (1851)
Item # WEFSJ.5SMWN ......... 47.10

Medium 1/2 Stop White Net (1852)
Item # WEFSJ.5SMW ........ 60.50

Large 1/2 Stop White Net (1853)
Item # WEFSJ.5SML ........ 99.95

Small 3/4 Stop Black Net (1854)
Item # WEFSJ.75SSBN ........ 54.80

Medium 3/4 Stop Black Net (1855)
Item # WEFSJ.75SMN ................ 75.90

Large 3/4 Stop Black Net (1856)
Item # WEFSJ.75SLBN .......... 128.00

Small 1/4 Stop China Silk (1848)
Item # WEFJS.25SSCS ........ 47.10

Medium 1/4 Stop China Silk (1849)
Item # WEFJS.25SMCS .......... 61.00

Large 1/4 Stop China Silk (1850)
Item # WEFJS.25LCS ........... 104.00

Small 3/4 Stop Fabric (1857)
Item # WEFSJ.75SS ............. 40.80

Medium 3/4 Stop Fabric (1858)
Item # WEFSJ.75SM ............. 55.20

Large 3/4 Stop Fabric (1859)
Item # WEFSJ.75SL ............. 72.80

Small Full Stop Fabric (1860)
Item # WEFJSFSS ................. 41.40

Medium Full Stop Fabric (1861)
Item # WEFJSFSM ............... 55.20

Large Full Stop Fabric (1862)
Item # WEFJSFSL ............... 72.80

Small 1 1/4 Stop Fabric (1863)
Item # WEFJS1.25SS .......... 45.20

Medium 1 1/4 Stop Fabric (1864)
Item # WEFJS1.25SM .......... 59.50

Large 1 1/4 Stop Fabric (1865)
Item # WEFJS1.25SL .......... 88.20

Small Double Black Net (1845)
Item # WEFSJDBNS ............... 75.20

Medium Double Black Net (1846)
Item # WEFSJDBNM ............... 94.00

Large Double Black Net (1847)
Item # WEFSJDBNL ............... 144.00

Large – Reversible Chroma-Key Blue/Green Fabric (1878)
Item # WEFSJCKLGR ............. 229.95

ILLUMINATOR REFLECTORS — SILKS AND SOLIDS

Compact, lightweight and convenient to carry. When open, they are flat squares or rectangles. No disassembly is required to close them. They effortlessly fold to small, hand-held circles one third their original size. High-carbon steel frames are welded, not riveted, to stand up to use.

14˝ (36cm) – Diffuser (1107)
Item # WEIR14D .................. 12.95

14˝ (36cm) – Sunlight/Silver (1108)
Item # WEIR14SLW ............... 15.95

14˝ (36cm) – Silver/White (1131)
Item # WEIR14SW ................. 12.95

14˝ (36cm) – Silver/Gold (1134)
Item # WEIR14SG ................. 15.95

20˝ (51cm) – Silver/White (1203)
Item # WEIR20SW ................. 22.95

20˝ (51cm) – Gold/White (1204)
Item # WEIR20GW ................. 22.95

20˝ (51cm) – Silver/Gold (1234)
Item # WEIR20SG ................. 36.95

30˝ (76cm) – Gobo Black (1302)
Item # WEIR30B ................. 36.95

30˝ (76cm) – Silver/Gold (1334)
Item # WEIR30SG ................ 54.95

30˝ (76cm) – Silver/White (1303)
Item # WEIR30SW ................. 39.50

30˝ (76cm) – Gold/White (1304)
Item # WEIR30GW ................. 39.50

30˝ (76cm) – Silver/Black (1305)
Item # WEIR30SB ................ 39.50

30˝ (76cm) – Sunlight/Silver (1308)
Item # WEIR30SLW ................. 53.95

42˝ (107cm) – Silver/White (1403)
Item # WEIR42SW ................. 48.95

42˝ (107cm) – Silver/Gold (1434)
Item # WEIR42SG ................ 68.90

42˝ (107cm) – Gold/White (1404)
Item # WEIR42GW ................. 48.95

52˝ (132cm) – Silver/White (1503)
Item # WEIR52SW ................. 74.95

52˝ (132cm) – Gold/White (1504)
Item # WEIR52GW ................. 74.95

52˝ (132mm) – Sunlight/Silver (1508)
Item # WEIR52SLW ................. 89.95

48˝ x 72˝ (122x183cm) – Black (1702)
Item # WEIR4872B ............... 85.40

48˝ x 72˝ (122x183cm) – Silver/White (1703)
Item # WEIR4872SW ............... 98.90

48˝ x 72˝ (122x183cm) – Gold/White (1704)
Item # WEIR4872GW ............... 98.90

4-in-1 Illuminator Reflector Kit 42˝ (107cm) Gold/Silver (1030)
Item # WEIRK42 ................. 77.25

4-in-1 Illuminator Reflector Kit 52˝ (132cm) Gold/Silver (1035)
Item # WEIRK52 ................. 116.90

4-in-1 Illuminator Reflector Kit 30˝ (76cm) Sunlight/Silver (1022)
Item # WEISK30 ................. 75.00

4-in-1 Illuminator Reflector Kit 52˝ (132cm) Sunlight/Silver (1031)
Item # WEISK42 ................. 89.00

4-in-1 Illuminator Reflector Kit 52˝ (132cm) Gold/Silver (1036)
Item # WEISK52 ................. 108.95

Illuminator Arm (1100)
H as a double ball-joint for exact positioning. The clip mechanism firmly grips the product frame and fits on any stand with a standard fitting. Closed length 33˝ (84cm), Open length 6´ (1.8m).
Item # WEAIR ............. 49.70
Introduction 720-721
Gossen 722-725
Spectra Cine 725
Minolta 726-728
Pentax 729
Polaris 730
Sekonic 731-734
Novatron 735
SP Studio Systems 735
Wein 735
**Choosing Hand Held Exposure Meters**

Hand-held exposure meters measure light falling onto a light-sensitive cell and convert it into a reading that enables the correct shutter speed and lens aperture settings to be made. Hand-held exposure meters come in many variations, each with specific benefits. By using the appropriate meter for your specific needs, you can be assured of consistent professional results.

**Incident vs. Reflected**

The two distinct techniques of measuring light, incident and reflected, each have their own advantages in different situations. Hand held meters can give you both capabilities, along with features not found in even the most advanced cameras with built-in meters.

**The 18% Neutral Gray Standard**

Light meters are designed to measure light in a consistent way. They cannot see the subject and interpret it as a photographer can. For example, a light meter cannot distinguish a black cat from a white cat, a red balloon from a blue balloon, nor textured powdery white snow from a shiny white auto paint finish. Given the same lighting situation, each of these objects would reflect a different amount of light.

Reflected measurements would indicate different exposures for each object. Incident measurements would indicate the same exposure for each object, to render a consistent exposure. Light meters are calibrated to assume that all subjects are of average 18% reflectance, or neutral gray. The use of the 18% neutral gray standard allows a reflected light meter to render correct readings for “average” subjects in “average” lighting situations. (The value of 18% neutral gray is also referred to as Zone V in the Zone System, an advanced black and white exposure method.)

**Using Incident Meters**

Incident metering measures the intensity of light falling on the subject and gives accurate and consistent rendition of the tonality and contrast regardless of reflectance, background, color, and shape. Subjects that appear lighter than gray will appear lighter. Subjects that are darker than gray will appear darker. Colors will be rendered accurately. Highlight and shadow areas will fall naturally into place.

**Advantages of Incident Measurement**

Incident meters measure accurately and consistently and are not affected by variances in reflectance of the subject or scene. Because of this, incident meters give the most accurate exposure for the majority of situations and subjects.

**Reflected Metering**

Reflected metering reads the intensity of light reflecting off the subject and may vary according to variances in tonality, color, contrast, background, surface, or shape. Meters are designed to regard all subjects as 18° neutral gray reflectance. Reflected measurement of any single toned area will result in a neutral gray rendition. Subjects that appear lighter than gray will reflect more light and result in an exposure that renders it darker. Subjects that are darker than gray will reflect less light and result in an exposure that renders it lighter.

**Using Reflected Measurement**

Hand-held reflected light meters and built-in camera meters read the intensity of light reflecting off the subject and measurements are taken from the camera position. Generally, reflected measurement of a wide subject area can include many different reflective surfaces or colors that can bias the meter and result in inconsistent and erroneous readings. Accuracy of a reflected measurement can be improved by reading an 18° neutral gray test card placed in front of the subject.
**Introduction to Light Meters**

**Spot Meters**
The spot meter allows precise readings to be made of small areas of the scene. Its narrow field of view measures light reflected from as small as a 1-degree circle. Any number of areas can be measured to create a set of values for a particular scene, this enables the photographer to determine the most suitable lighting arrangement and exposure settings that will produce the desired result.

**In-Camera Spot Meters**
Although a number of advanced SLRs offer spot metering capability, the metering angle is directly related to the focal length of the camera lens in use. Every time the lens is changed, the effective spot meter angle changes. With a normal lens in use, the spot-metering angle may be 15° or more. A hand-held 1° spot meter consistently allows the most selective measurement of distant subjects as well as small areas in the scene.

**Advantages of Reflected Spot Measurement**
A spot measurement is ideal for special situations including measuring distant subjects, backlight, extreme brightness range, highly reflective surfaces, or when an incident meter cannot be positioned directly in front of the subject. Reflected spot measurements of an 18% gray midtone, or an average of significant shadow and highlight measurements, allow the photographer to make an exposure that will record detail, tonality and accurate color.

**Flash Meters**
The flash meter measures the brilliant and instantaneous burst of light produced by electronic flash sources and displays the correct aperture settings. Flash meters usually measure the incident light falling on a subject, however some meters also measure reflected light as well. Many flash meters take into consideration the effects of available light.

**Color Temperature Meters**
A color temperature meter measures the color quality of ambient light, the light from electronic flash, or a combination of both.

The meter analyzes the color characteristics of the light source(s) exposing the subject, and then displays the required filtration to color balance the scene for the film being used, if any, as well as color temperature in degrees Kelvin.

Color temperature meters usually include calibrations for daylight and tungsten films. Color temperature meters may not provide accurate readings for light sources with narrow band spikes and depressions in their light distribution. Sodium vapor, metal-halide, and fluorescent lamps are examples of light sources that are difficult to measure. Color-bracketed test exposures are therefore recommended to verify that the recommended filtration is correct.

When using shutter speeds that are lower than the flash synchronization setting, the meter will show the modified filtration that is needed for proper color balance.

**Color Measurement of Ambient Light**
Ambient light refers to a continuous source of light falling on the subject, such as daylight, tungsten or other sources. If the ambient light originates from only one source, accurate measurements are easily made. However, if lights from multiple sources illuminate the subject, color measurements are more complicated.

- When the light consists of a single color temperature, the meter should generally be held facing the main light source and as close to the source as possible.
- When the ambient light comes from multiple light sources with different color temperatures, each light source should be measured and the appropriate color correction filter sheets used.
- When ambient light and electronic flash are used together, the meter should be pointed at the flash. The required filtration that is required will be indicated.

When using shutter speeds that are lower than the flash synchronization setting, the meter will show the modified filtration that is needed for proper color balance.

When light-balancing filtration is indicated, it is preferable to use gelatin-type filters in front of the light fixture(s), rather than the camera lens. Keeping the optical path free of filtration avoids problems caused by dust, etc. on the filter(s). Also filter factors need not be taken into account.

Illustrations & copy adapted courtesy of Mamiya America Corp. Sekonic Professional Division.

Total Exposure Control With Hand-Held Metering

Incident vs. Reflected. © 2002
**DIGISIX, DIGIFLASH, LUNA PRO**

**Digisix Incident and Reflected Lightmeter (4006)**
The Digisix is an ambient light meter that does much more than just determine exposure. Small enough to sit comfortably on your camera's hot shoe (with optional shoe adapter), and sports a digital read-out and analog scale, it also offers a functioning clock with alarm, a timer for timing long exposures, plus a precision digital thermometer which measures temperatures and stores a high and low value.

Item # GOLS.........................139.00

**Digiflash Lightmeter (4007)**
Digital exposure meter with analogue settings - for flash light & ambient light - maximum features in minimum size.
- Measurement of both flash and ambient light
- Incident and reflected measuring modes
- Microprocessor controlled
- Digital LCD display in 1/3-stop increments
- Contrast read-out in 1/3-stop increments
- Storage of measured values • Analog display of all suitable F-stops/shutter speed combinations • Over/Under range display • Timerfunction • Timer, clock & alarm functions
- Automatic battery control • Temperature measurement

Item # GODF..........................159.00

**SPECIFICATIONS OF DIGISIX AND DIGIFLASH METERS**

<table>
<thead>
<tr>
<th>MEASURING MODES: DIGISIX</th>
<th>DIGIFLASH</th>
<th>INCIDENT LIGHT, REFLECTED LIGHT, CONTRAST MEASUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISPLAY READOUT</td>
<td>Digital LCD-display and setting ring</td>
<td></td>
</tr>
<tr>
<td>FILM SPEEDS</td>
<td>ISO 0.8/0° to 100 000/51°</td>
<td></td>
</tr>
<tr>
<td>SHUTTER SPEEDS</td>
<td>1/1000 sec. to 4 min.</td>
<td></td>
</tr>
<tr>
<td>APERTURE F-STOPS</td>
<td>F 1 to F 32</td>
<td></td>
</tr>
<tr>
<td>MEASURING ANGLE IN REFLECTED MODE</td>
<td>approx. 25°</td>
<td></td>
</tr>
<tr>
<td>SENSITIVITY AT 100 I.S.O.</td>
<td>EV 0-18</td>
<td></td>
</tr>
<tr>
<td>ACCURACY</td>
<td>+/ - 2° C or +/- 4° F</td>
<td></td>
</tr>
<tr>
<td>BATTERY</td>
<td>9V; battery level display</td>
<td></td>
</tr>
<tr>
<td>TIMER/ WATCH</td>
<td>0 sec. to 30 min./12 hr 24 hr display</td>
<td></td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>3 x 2 x 1˝ (75x50x23mm)</td>
<td></td>
</tr>
<tr>
<td>WEIGHT</td>
<td>1.5 oz. (40g) including battery</td>
<td></td>
</tr>
</tbody>
</table>

**Luna Pro F (4030)**
Reads accurately down to -4 EV for extreme low light capability. It also provides ±3 f-stop scale for direct read-out of brightness range, Zone System values and lighting ratios. Dial settings are adjustable so that exposure factor corrections for bellows, filters, etc., can be automatically compensated for. An indicator reminds you when this feature is being used. It accepts all existing optional Gossen Luna Pro accessories.

Item # GOLPF..........................389.00

**Luna Pro S (4020)**
The Luna-Pro S is the choice of professional photographers. Experience-proven, it provides accurate reflected or incident light readings in all kinds of light, from a flickering candle to a bright summer's sun. As a system meter, it will provide correct exposures in any situation. More than just a superb hand-held meter, the Luna-Pro S has a wide range of optional accessories to further increase versatility. The Luna-Pro S can be adapted to calculate the correct exposure for photomicrography with the Microscope accessory. It can be turned into a dual angle “spot meter” with the Variable Angle accessory. It can also be used to take through-the-lens readings from a large format camera's groundglass with the optional Flexible Fiber Optics Probe accessory, or you can use it for copy work with the optional Copy accessory. And it comes in handy in the darkroom, as well: the enlarging accessory helps to find the right paper grade for black and white prints.

Item # GOLPS.........................285.00

**Luna Pro Digital F (4023)**
Begin with the compact size, ease of operation and sensitivity of the Luna-Pro Digital exposure meter, and you have the Luna-Pro Digital F. Even with the addition of flash capability, this meter remains so thin and lightweight, that it slips easily into a shirt pocket or its new ever-ready case. Control buttons on the front panel, plus a big, easy-to-read digital display, make it a joy to use. The oversized LCD panel provides direct readout of all critical information, including precise analysis of the contrast range. A built-in optical diffusion dome slides easily to switch between incident and reflected light measurement.

Item # GOLPDF..........................229.00
Luna Pro Digital (4022)
The Gossen Luna-Pro Digital is a thin, lightweight meter that's easy to operate. The front panel features control buttons that are recognizable at a glance on a display with easy-to-read numerals. The narrow measuring angle allows you to meter important details of the subject with the greatest accuracy. The contrast range is precisely analyzed and clearly displayed. To conserve batteries, the Luna-Pro Digital has an automatic power off, yet settings and measurements are stored in memory and can be recalled, even after the unit has been shut down. Item #GOLPD .................. 209.00

Scout 3
Ambient Lightmeter (4002)
A compact and lightweight meter that is simple to use. The selenium metering cell operates without a battery. Large dial with easy-to-read scales and match needle system. Item #GOS3 ..................... 67.00

Pilot 2
Ambient Lightmeter (4005)
The most compact meter made for accurate reflected and incident light measurement. An optional accessory enables you to mount the Pilot 2 on the hot shoe of your camera. It weighs under 1 1⁄2 oz., yet it has everything needed for movie or still photography. Quick and convenient operation with its large computer dial and large, clear scales. Item #GOP2 ..................... 99.00

Subject to change without notice

SPECIFICATIONS FOR LUNA PRO MODELS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LUNA PRO DIGITAL</th>
<th>LUNA PRO S</th>
<th>LUNA PRO F</th>
<th>LUNA PRO DIGITAL F</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHOTO CELL</td>
<td>S.B.C.</td>
<td>C.D.S.</td>
<td>S.B.C.</td>
<td>S.B.C.</td>
</tr>
<tr>
<td>DISPLAY READOUT</td>
<td>Digital L.C.D.</td>
<td>Indicator Needle</td>
<td>Indicator Needle</td>
<td>Digital L.C.D.</td>
</tr>
<tr>
<td>MEASURING SYSTEM</td>
<td>Ambient</td>
<td>Ambient</td>
<td>Ambient and Flash</td>
<td>Ambient and Flash</td>
</tr>
<tr>
<td>FILM SPEED I.S.O.</td>
<td>3 to 8,000</td>
<td>0.8 to 25,000</td>
<td>0.8 to 25,000</td>
<td>3 to 8,000</td>
</tr>
<tr>
<td>F-STOP</td>
<td>F1 to F90</td>
<td>F1 to F90</td>
<td>F0.7 to F128</td>
<td>F1 to F90</td>
</tr>
<tr>
<td>SHUTTER SPEED</td>
<td>1/8000 sec. to 60 min.</td>
<td>1/4000 sec. to 8 hrs.</td>
<td>1/4000 to 8 hrs.</td>
<td>1/800 sec. to 1 hr.</td>
</tr>
<tr>
<td>FLASH SYNC</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1/100 to 1 sec.</td>
</tr>
<tr>
<td>CINE</td>
<td>-</td>
<td>-</td>
<td>4.5 to 144 F.P.S.</td>
<td>8 to 64 F.P.S.</td>
</tr>
<tr>
<td>ANGLE OF COVERAGE REFLECTED LIGHT</td>
<td>25°</td>
<td>30°</td>
<td>30°</td>
<td>30°</td>
</tr>
<tr>
<td>SENSITIVITY at 100 I.S.O.</td>
<td>EV-25 to +18</td>
<td>EV-4 to +17</td>
<td>EV-1 to +17</td>
<td>EV-2.5 to +18</td>
</tr>
<tr>
<td>SENSITIVITY AT FOOTCANDLES</td>
<td>-</td>
<td>.016 to 32,000 F.C.</td>
<td>.125 to 32,000 F.C.</td>
<td>-</td>
</tr>
<tr>
<td>LUX RANGE</td>
<td>-</td>
<td>-</td>
<td>28.8 to 7360 LUX</td>
<td>-</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>1.5v AA Battery</td>
<td>Two 1.35v 625a Batteries</td>
<td>9v Battery</td>
<td>AA Battery</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>2.5 x 4.5 x .75”</td>
<td>2.5/8 x 1.25 x 4”</td>
<td>4.75 x 1.75 x 2.75”</td>
<td>2.5 x 4.5 x .75”</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>3.35 oz. (95g)</td>
<td>7 oz. (198g)</td>
<td>8.5 oz. (240g)</td>
<td>3.75 oz. (106g)</td>
</tr>
</tbody>
</table>

Subject to change without notice
# Gossen

## Starlite, Mavolux, Luna Star

**Starlite** (4045)

Measure light in any form: flash or ambient, reflected or incident even a tiny spot. The Starlite digital meter provides photometric readings or even Zone System ranges for still photography or cinematography all in one compact and rugged, yet stylish, water-resistant unit. A 270-degree swivel head with built-in viewfinder and multi-position diffuser allows you to instantly select any of four different measuring modes: 1° or 5° spot measures reflected light through the viewfinder INCIDENT light-spherical, flat plane & any of 6 different measuring methods Cine mode, provides filmmakers with a full range of features including a preset shutter angle of 180 degree adjustable in ten-step increments. Photometric mode, light intensities and luminance can be measured for both ambient light and flash with results displayed in LUX, footcandle, cd/m², footlambert and more. Item #GOSLM ................................................................. $586.95

**Mavolux 5032 C** (4056)

Measure illumination in footcandles or lux. Can also measure Candelas/M² and footlamberts with optional luminance attachment. The Mavolux 5032 C is equipped with color correction that matches the spectral response to the human eye V(λ), in accordance with DIN 5032, part 7, class C. Integrated cosine correction is included to ensure the correct evaluation of oblique light. Item #GOM5032C ....................................................................... $551.00

**Luna Star F2** (4032)

The microprocessor-controlled Luna-Star F2 automatically measures and analyzes both flash and continuous light in a single metering operation and displays the reading clearly, in large, easy-to-read numerals. It also measures both incident and reflected light for particularly accurate exposure, especially with subjects that are either very bright or very dark. It features a rotating head which points the light sensor in any direction. A series of flash synchronizing speeds from 1 sec. to 1/1000 sec. allow you to control the exposure of flash shots that utilize several different sources of light. The equivalent European model number is Vario-Six F. Item #GOLSF2 ............................................................................ $415.00

**Color Pro 3F** (4063)

The micro-processor Color Pro 3F is designed for color temperature light balancing in Kodak conversion and mired, CC filter values, lux and lux seconds. This color temperature meter analyzes the prevailing lighting situation with flash and continuous light, at the push of a single button. The color temperature is measured and the corresponding filters in Light Balancing and CC values are displayed. The Color Pro displays luminous intensity of flash and continuous light in lux and lux seconds readings. Adjusted functions are permanently indicated on the display. It also features an integrated triple sensor and a flash sync triggering button. The equivalent European model number is Color Master 3F. Item #GOCP3F ........................................................................ $1082.00

---

### Specifications for Starlite, Mavolux, Luna Star F2 and Color Pro 3F

<table>
<thead>
<tr>
<th>Model</th>
<th>Starlite</th>
<th>Mavolux</th>
<th>Luna Star F2</th>
<th>Color Pro 3F</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Photo Cell</strong></td>
<td>2-Silicon Photo diodes</td>
<td>Si photo cell</td>
<td>-</td>
<td>Triple Silicon Photodiode</td>
</tr>
<tr>
<td><strong>Display Readout</strong></td>
<td>Digital LCD</td>
<td>Digital LCD</td>
<td>Digital plus Analog LCD</td>
<td>Digital LCD</td>
</tr>
<tr>
<td><strong>Measuring System</strong></td>
<td>Ambient or Flash</td>
<td>Digital LCD</td>
<td>Ambient and Flash</td>
<td>Color Meter for Ambient or Flash</td>
</tr>
<tr>
<td><strong>Film Speed I.S.O.</strong></td>
<td>3.2 to 8000</td>
<td>-</td>
<td>3 to 8,000 I.S.O.</td>
<td>-</td>
</tr>
<tr>
<td><strong>F-StoP</strong></td>
<td>F1 to F128</td>
<td>-</td>
<td>F1 to F90.9</td>
<td>-</td>
</tr>
<tr>
<td><strong>Shutter Speed</strong></td>
<td>1/1000 sec to 60 min.</td>
<td>-</td>
<td>1/1000 sec to 60 min.</td>
<td>1/500 sec to 1/2 sec</td>
</tr>
<tr>
<td><strong>Flash Sync</strong></td>
<td>1/1000 to 1 sec</td>
<td>-</td>
<td>1 to 1/1000 sec</td>
<td>-</td>
</tr>
<tr>
<td><strong>Cine Scale</strong></td>
<td>8 to 128 fps</td>
<td>-</td>
<td>8 to 64 F.P.S.</td>
<td>-</td>
</tr>
<tr>
<td><strong>Angle of Coverage</strong></td>
<td>1° or 5°</td>
<td>-</td>
<td>30° Reflected</td>
<td>-</td>
</tr>
<tr>
<td><strong>Reflected Light</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Sensitivity at 100 I.S.O.</strong></td>
<td>EV-2.5 to +18, Zone 0.X</td>
<td>-</td>
<td>EV-2.5 to EV18</td>
<td>-</td>
</tr>
<tr>
<td><strong>Sensitivity at Footcandles</strong></td>
<td>0.05 to 50,000</td>
<td>0.1 to 19,990</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Lux Range</strong></td>
<td>0.5 to 199,990</td>
<td>0.1 to 199,990</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Measuring Rate</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Power Source</strong></td>
<td>1.5V AA Battery</td>
<td>AA batt.</td>
<td>9v Battery</td>
<td>9v Battery</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>6.5 x 2.6 x 1&quot;</td>
<td>2.5 x 4.75 x .75&quot;</td>
<td>5 x ¾ x 1&quot;</td>
<td>5 x 2 ½ x 1&quot;</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>6.4 oz.</td>
<td>7 oz.</td>
<td>4.4 oz. (125g)</td>
<td>4.5 oz. (127g)</td>
</tr>
</tbody>
</table>

Subject to change without notice
Ultra Spot 2 (4050)
The Ultra Spot 2 provides all the information you need at a single glance. When looking through its viewfinder you can see the subject, a 1° measuring circle and a complete display of exposure information. The combination of electronic accuracy and a high-quality optical lens means the Ultra-Spot 2 provides a vivid 15° view with a 1° circle in the middle to indicate the meter’s measuring angle. The exposure information is displayed around the viewing field and includes: ambient light readings, f-stop, shutter speed, exposure value, zone or cine. In addition, you can average up to ten discrete readings. The Gossen Ultra Spot 2 is truly an all purpose spotmeter, equally adaptable to color or black & white film. Engineered for both ambient and flash lighting, it is also a natural for zone system photography. Comfortable design with a wealth of technically advanced features and fingertip operating ease, the Ultra Spot is the precise way to take all of your spot readings. The equivalent European model number is Spot-Master.

Item # GOUS2 .............................................................................. 824.00

SPECIFICATIONS FOR ULTRA SPOT 2

| PHOTO CELL | S.B.C. |
| MEASURING SYSTEM | Spot Ambient/ and Spot Flashmeter |
| DISPLAY READOUT | Green L.C.D. in Viewfinder |
| FILM SPEED I.S.O. | 1 to 80,000 |
| F-STOP | F1 to F90.9 |
| SHUTTER SPEED | 1/8000 sec. to 60 min. |
| FLASH SYNC | 1/8 to 1/1000 sec. |
| ANGLE OF COVERAGE | 1° with a 15° Field of View |
| SENSITIVITY AT 100 I.S.O. | EV1 to EV22 |
| OTHER DATA | 0 to X adapted to film development zone system 15 second duration of exposure reading 43mm Ø filter diameter |
| POWER SOURCE | 9v Battery |
| DIMENSIONS | 3.5 x 2.4 x 7.5˝ L.W.H. (90 x 57 x 190mm) |
| WEIGHT | 14 oz. (400g) |

Candella II / IIA Illuminance Photometer
The most comprehensive, technologically advanced, photometer using advanced microcomputer technology, sealed hybrid integrated circuitry with large digital back-lit liquid crystal display and measurement. The Candela II Photometer can also store and recall up to two readings with the memory / recal function whereas Candela II-A, also instantly calculates Contrast Ratio, as well as average foot-candles and lux. Applications include video lighting, set lighting, task lighting ambient illumination and calculation of lighting ratios.

Candella II with Backlit Display (18004)
Item # SPC2010EL ........... 357.50

Candella II with Detachable Head (18005A)
Item # SPC2010ELDHA .442.95

Candella II with Lowlight Sensor (18006A)
Item # SPC2010ELSSA .589.95

Candella IIA with Detachable Head (18005A)
Item # SPC2010ELDHA .442.95

Candella IIA with Lowlight Sensor (18006A)
Item # SPC2010ELSSA .589.95

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MINOLTA

AUTO METER VF/FLASHMETER VI

AUTO METER VF

Auto Meter VF (8058103)
A new, compact and lightweight digital exposure meter for measuring ambient light and flash with or without a sync cord. In all measuring modes, with reflected or incident readings, it is a very reliable meter. Stores and averages 2 separate readings making it easy to determine subject contrast range or lighting ratio. Calculates the ratio of flash light to ambient light in relation to the total illumination. Whenever you take a flash light reading, the Analyze scale is displayed on the LCD data panel. After a reading, you can also do a simulation to see how changes to the shutter speed affect the proportions of ambient light and flash light. The analyze scale shows the proportion of flash light in the total exposure reading as one of five levels. In addition, several custom settings are possible. For cinematographers, the Auto Meter VF has ten framing rate settings. Plus, the extended ISO range can be used to factor in filtration correction.

Item # MIAM5 ..........................................................219.95

FLASHMETER VI

Flashmeter VI (8057103)
The Minolta Flash Meter VI sets a new industry standard by incorporating a compact, high-performance 1 spot meter function for the utmost in versatility. Separate measuring buttons allow taking both normal incident light readings and reflected-spot readings for comparison in the meter’s unique LATITUDE display mode.

Item # MIFM6 ..........................................................429.95

SPECIFICATIONS FOR AUTO METER VF and FLASHMETER VI

<table>
<thead>
<tr>
<th>MODEL</th>
<th>AUTO METER VF</th>
<th>FLASHMETER VI</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHOTO CELL</td>
<td>Silicon Photo Cell</td>
<td>Silicon Photo Cell</td>
</tr>
<tr>
<td>MEASURING SYSTEM</td>
<td>Ambient and Flash</td>
<td>Ambient and Non-Cord Flash</td>
</tr>
<tr>
<td>DISPLAY READOUT</td>
<td>Digital LCD plus LCD Analog</td>
<td>Digital LCD plus LCD Analog</td>
</tr>
<tr>
<td>FILM SPEED I.S.O.</td>
<td>3 to 8,000</td>
<td>-</td>
</tr>
<tr>
<td>F-STOP</td>
<td>F1 to F90</td>
<td>F1.0 to F128</td>
</tr>
<tr>
<td>SHUTTER SPEED - AMBIENT</td>
<td>1/8000 to 30 min.</td>
<td>1/16000 sec to 30 min.</td>
</tr>
<tr>
<td>SHUTTER SPEED - FLASH</td>
<td>1/500 to 1 sec.</td>
<td>1/1000 sec to 30 min.</td>
</tr>
<tr>
<td>CINE SPEED</td>
<td>8 to 128 FPS</td>
<td>-</td>
</tr>
<tr>
<td>FLASH SYNC TIMES</td>
<td>1/500 to 1 sec</td>
<td>-</td>
</tr>
<tr>
<td>ANGLE OF COVERAGE</td>
<td>40°</td>
<td>-</td>
</tr>
<tr>
<td>SENSITIVITY AT 100 I.S.O.</td>
<td>EV-2 to EV24.4</td>
<td>Ambient: Incident: EV-2 to 19.9 Spot: EV 2 to 24.5</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>One AA</td>
<td>One AA</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>2.3 x 1 x 5.8” (59 x 26 x 147mm)</td>
<td>2.5 x 6.9 x 1.2” (63 x 175 x 30mm)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>4.4 oz. (125g)</td>
<td>6 oz. (170g) Excluding Battery</td>
</tr>
</tbody>
</table>

Subject to change without notice
MINOLTA ACCESSORIES FOR AUTO METER III, AUTOMETER IV, V F AND FLASHMETER V

**Spherical Diffuser** (15090584)
For incident reading replacement.
Item # MISD .................. 19.95

**Reflected Light Attachment 40°** (8038700)
The Reflected Light Attachment has a 40° angle of acceptance which corresponds to the angle of view seen with 50mm lens on a 35mm SLR camera.
Item # MIRLA40 .............. 17.95

**Flat Diffuser** (8034200)
Used to measure the lighting ratio between main and auxiliary light sources, to determine illuminance values and to take exposure readings for flat surfaces such as paintings.
Item # MIFD .................. 17.95

**Spot Mask** (8034300)
The Spot Mask is an enlarger attachment so that the meter can double up as an enlarging meter. First determine the aperture setting and exposure time for a standard negative, then measure the illumination using the spot mask. With subsequent negatives, the need for a test print can be eliminated by measuring an area on the negative of similar density to the metered area on the standard negative.
Item # MISME ................ 22.95

**Booster II Set** (8045)
Consists of a Booster II, spot-probe, microscope, 35mm film-plane and SLR eyepiece attachments. The Booster II is a high-sensitivity receptor that takes measurements off the focusing screen of a large-format view camera when the spot-probe receptor is attached to it. Useful for close-ups and macrophotographs. Direct readings through the microscope's optics are possible. Flash exposures can be calculated with the Flashmeter. Highly accurate measurements of flash or ambient light at the camera's film plane are possible with the 35mm film-plane attachment. This method is more accurate than measurements taken through the SLR eyepiece, because the Booster II measures the light that actually passes through the camera lens and strikes the film. The SLR eyepiece attachment enables taking centered, circular TTL exposure readings through the camera's lens. This function is important if you own an SLR camera that does not have a built-in meter. Also useful for taking TTL flash measurements. Requires one 6v, four LR44 or equivalent battery.
Item # MIB2S .................. 219.95

**Mini Receptor** (8034500)
For photomacrography and close-up work, this remote receptor plugs into the socket on the meter's receptor head. The Mini Receptor can be used to measure incident light in places that are otherwise inaccessible to the meter's receptor head.
Item # MIMR .................. 124.95

**ViewFinder 5°** (8034156)
With case. The ViewFinder 5° features a 5° angle of acceptance and enables spot metering of subjects from a distance. Displayed exposure value must be adjusted when used with Autometer III.
Item # MIVF5 ................. 89.95

**Sync Cord III** (8034910)
For use with the Flashmeter and Auto Meter IVF, the Sync Cord III is a 5-meter long cord that connects to the meter, flash unit, and camera's sync terminal simultaneously, making meter-flash and camera flash synchronization possible without changing connections.
Item # MISC3 ................ 29.95

**Meter Kit Case II** (8048650)
The sturdy Meter Kit Case II holds a Minolta meter and has space for a wide variety of accessories for easier portability. With the meter and accessories together, nothing is forgotten when going to a shoot. Please Note: The Sync Cord III will not fit in this case.
Item # MIMKC2 ............... 111.95

**Strap for Light Meters** (8044105)
Replacement.
Item # M1SNAM4F ............ 5.95

**Case for Auto Meter III** (8044600)
Replacement.
Item # M1CAM3 ............... 28.50

**Infrared Receiver/Trigger** (8050107)
Item # M1RTTR ................ 199.95

**Data Receiver** DR-1000 (8050207)
Item # M1DR1000 ............. 249.95
**COLO R METER IIIF**

Color Meter IIIF (8055103)
The Minolta Color Meter IIIF is a color compensation meter for ambient or flash with correction value memory. This makes it easier for photographers to maintain consistent color under various types of illumination. The meter measures the color of the light illuminating the subject and determines the filtration required to correct that illumination for the film in use.

When measuring both ambient light and flash, selecting the Color Meter IIIF’s analyzing function will subtract the ambient light and display only the measured results for flash. Measurements can be taken for any of the three major film types: Daylight (balanced to 5500k), Type-A Tungsten (balanced to 3400k), or Type-B Tungsten (balanced to 3200k). Measurement results can be displayed as light-balancing and color-compensating indexes, Kodak Wratten filter number and CC index, or photographic color temperature (determined color temperature based on film sensitivity). Display of Kodak Wratten filter numbers makes selecting filters quick and convenient; if 2 Wratten filters are necessary, the Color Meter IIIF displays both numbers. Color Meter IIIF users can store their own personal correction values for the recommended filtration. Correction values for LB and CC indexes can be stored in any of the meter’s nine memory channels to custom-tune meter readings for the desired color reproduction. The correction values are added to the initial measured values to calculate the final displayed results.

Item # M1CM3F ..........................919.95

**SPECIFICATIONS FOR SPOT METER F**

| PHOTO CELL | Silicone Photo Cell |
| FILM SPEED I.S.O. | 12 to 6.400 |
| F-STOP | F0.7 to F90 |
| SHUTTER SPEED | 1/8000 sec. to 30 min. |
| FLASH SYNC TIMES | 1 to 1/1000 sec. |
| ANGLE OF COVERAGE | 1° with 12 x 17° View Field |
| SENSITIVITY AT 100 I.S.O. | EV1 to EV22.5 |
| OTHER DATA | Optical: Through-the-lens reflex type utilizing semi-silvered mirror and pentaprism; focus fixed for readings 4 1⁄4 ft. to infinity; Magnification 1.4x; Diopter adjustment -2.5 to 1.2 |
| POWER SOURCE | One AA Battery |
| DIMENSIONS | 1.9 x 5.9 x 3 1⁄2" (48 x 150 x 89mm) |
| WEIGHT | 8.5 oz. (240g) |

Subject to change without notice

**SPECIFICATIONS FOR COLOR METER IIIF**

| PHOTO CELL | Triple Silicon Photo Cells (filtered for R.G.B.) |
| MEASURING SYSTEM | Color Meter for Ambient and Flash |
| DISPLAY READOUT | Digital L.C.D. |
| SENSITIVITY AT I.S.O. 100 AMBIENT | EV3 to EV16.3 |
| F-STOP AT I.S.O. 100 FLASH | F2.8 to F180 |
| COLOR TEMPERATURE | 1,600 to 40,000k |
| LB FILTER VALUE | -500 to +500 Mired |
| C INDEX | 200m to 200g |
| LB FILTER NO. | 85B + 81EF to 80A +80D |
| FLASH SYNC TIMES | 1/500 to 1 sec. |
| POWER SOURCE | Two AA Battery |
| DIMENSIONS | 6.3 x 2.7 x 1 1⁄2" (160 x 68 x 28mm) |
| WEIGHT | 7 oz. (200g) |

Subject to change without notice
Spotmeter V (36130)
Incorporates a single lens reflex optical system, constituting the ideal in precision exposure metering. The subject area covered by the metering angle of 1° (equivalent to the angle used by an ultra-telephoto 2000mm lens) is indicated by a small circle in the pentaprism viewfinder. The photosensitive silicon photo diode offers exceptional performance, even in low levels of light. The single linear meter scale in the viewfinder makes needle deflections easy to read, and an IRE index scale can be read directly from EV values on the side dial. The push button meter switch ensures that the batteries are not consumed unnecessarily.

| Item # PESM5 | 344.95 |

Digital Spotmeter (36141)
Selectively pinpoints with extreme accuracy the correct exposures in the deepest shadows and the brightest highlights. Measures contrast ratios and serves as a brightness meter in TV or motion picture studios. Its 1° pinpoint metering angle is comparable to the field of view of a 2,000mm lens for a 35mm camera. It has a measuring range of EV 1-20. Measures exposures by four different methods: general measuring, averaging, highlight reading and shadow reading. Ideally suited to the most exacting needs of any photographer. Weighing only 9.1 oz., its bright fixed focus, through-the-lens viewfinder presents a slightly enlarged (1.15x life size) image. The silver-coated pentaprism, seven-layer multi-coating of its lens and eyepiece and fine-grooved fresnel lens all combine to create an extraordinarily brilliant viewfinder, effective even in the dimmest light. A 1° circle engraved in the center of the viewfinder outlines the image area being measured. When the trigger-like metering button in the pistol-grip handle is squeezed, the appropriate EV number lights up in the LED panel.

| Item # PESM6 | 399.95 |

### SPECIFICATIONS FOR PENTAX SPOTMETERS

<table>
<thead>
<tr>
<th>Model</th>
<th>Spotmeter V</th>
<th>Digital Spotmeter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photo Cell</td>
<td>Silicon Photo Diode</td>
<td>Silicon Photo Diode</td>
</tr>
<tr>
<td>Display Readout</td>
<td>Indicator needle in viewfinder</td>
<td>L.E.D. in viewfinder</td>
</tr>
<tr>
<td>Measuring System</td>
<td>Spot Ambient</td>
<td>Spot Ambient</td>
</tr>
<tr>
<td>Film Speed I.S.O.</td>
<td>6 to 6,400</td>
<td>6 to 6,400</td>
</tr>
<tr>
<td>F-Stop</td>
<td>F1 to F128</td>
<td>F1 to F128</td>
</tr>
<tr>
<td>Shutter Speed</td>
<td>1/4000 sec. to 4 min.</td>
<td>1/4000 sec. to 4 min.</td>
</tr>
<tr>
<td>Cine Scale</td>
<td>24 F.P.S. (1/50 sec.)</td>
<td>24 F.P.S. (1/50 sec.)</td>
</tr>
<tr>
<td>Angle of Coverage</td>
<td>1°</td>
<td>1°</td>
</tr>
<tr>
<td>Sensitivity at 100 I.S.O.</td>
<td>EV1-19 plus I.R.E. Scale</td>
<td>EV1-20 plus I.R.E. Scale</td>
</tr>
<tr>
<td>Viewfinder</td>
<td>Single lens reflex pentaprism type, giving erect projected image. Fresnel lens, field of view 17° horizontal and 12° vertical, 21° diagonal. Magnification 1.5x. Eyepiece correction 0 to -1 diopter. Scale illumination button provided.</td>
<td>Single lens reflex pentaprism type with unversed, laterally correct image. Objective and eyepiece lenses Super-Multi-Coated and pentaprism specially silvered for brilliant viewfinder image. Even illumination achieved with finely grooved fresnel lens. 1° spot indicated in center of viewfinder, and large L.E.D. panel at bottom. Total viewfinder coverage similar in shape to that of a 35mm SLR viewfinder with a diagonal field of view of 26°, horizontal field of 22° and vertical field of 14°. Adjustable eyepiece correction from -2 to +1 diopter.</td>
</tr>
<tr>
<td>Other</td>
<td>I.R.E. Scale 1-10 lens accepts 46mm filter unit, includes tripod socket</td>
<td>I.R.E. Scale 1-10 lens accepts 40.5mm filter unit, includes tripod socket</td>
</tr>
<tr>
<td>Power Source</td>
<td>Three 1.5v #76 Batteries</td>
<td>One 6v PX28 Battery</td>
</tr>
<tr>
<td>Dimensions</td>
<td>2.4 x 6.4 x 5&quot; (62 x 163 x 127mm)</td>
<td>1.7 x 5.7 x 3.3&quot; (44 x 144 x 83mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>15.9 oz (450g)</td>
<td>9.1 oz (258g)</td>
</tr>
</tbody>
</table>

Subject to change without notice.
Polaris meters are full-featured, professional quality products costing substantially less than comparable meters. They offer a wide range of features and the ability to measure and evaluate complex lighting situations, as well as calculate multiple flash set-ups. Even though most cameras have built-in metering, the low cost and high reliability of Polaris meters make them an indispensable insurance policy for backup with any outfit. All have incident and reflected meter reading capability. Dependability and solid performance are found in the full line of Polaris meters, which include an available lightmeter and three flashmeters. Polaris meters are an excellent choice for both studio and on-location photography.

Digital Exposure Meter (SPD100)
The Polaris Digital Exposure Meter is a compact flash and ambient lightmeter that has many features of the more expensive flashmeters. A custom Program Level Function lets you program your meter for slightly under or over exposure. A unique multi-flash feature makes it simple to calculate how many times the flash must be fired to achieve a desired f-stop. The Polaris’ large LCD display shows both the shutter speed and f-stop in 1/10 stop increments. Reverse polarity adapter, strap and case included.

Item # SHP ................................................................................................................................................ 169.95

Polaris 2 Digital Flash and Ambient Meter (SPD200)
An enhanced version of the Polaris Flash Meter. The Polaris 2 offers an on command backlight LCD display, an essential feature when taking readings in a dimly lit situation or when using flash in a studio.

• On-command backlight LCD display
• Contains all other features of the original Polaris Flash Meter

Item # SHP2 .............................................................................................................................................. 239.95

Polaris Dual 5 Digital Flash and Ambient Meter (SPD500)
The Polaris Dual 5 features both 5 degree spot metering capability and rotating receptor head - as well as an on command backlight LCD display, an essential feature when taking readings in a dimly lit situation or when using flash in a studio.

• On-command backlight LCD display
• 5 degree spot metering capability • Rotating receptor head
• Contains all other features of the original Polaris Flash Meter

Item # SHPD5 ........................................................................................................................................... 319.95

**SPECIFICATIONS FOR POLARIS METERS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>POLARIS DIGITAL EXPOSURE</th>
<th>POLARIS 2 DIGITAL</th>
<th>POLARIS DUAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHO TO CELL</td>
<td>Silicon Photo Transistor</td>
<td>Silicon Photo Diode</td>
<td>Silicon Photo Diode</td>
</tr>
<tr>
<td>DISPLAY READOUT</td>
<td>Digital LCD plus Analog LCD</td>
<td>Digital LCD</td>
<td>Digital LCD</td>
</tr>
<tr>
<td>MEASURING SYSTEM</td>
<td>Ambient and Flash</td>
<td>Ambient and Flash</td>
<td>Ambient and Flash</td>
</tr>
<tr>
<td>FILM SPEED I.S.O.</td>
<td>3 to 8000</td>
<td>3 to 8000</td>
<td>3 to 8000</td>
</tr>
<tr>
<td>F-STOP</td>
<td>F 0.5 to F90</td>
<td>F 0.5 to F90</td>
<td>F 0.5 to F90</td>
</tr>
<tr>
<td>SHUTTER SPEED</td>
<td>1/8000 sec to 60 sec.</td>
<td>1/8000 sec to 60 sec.</td>
<td>1/8000 sec to 60 sec.</td>
</tr>
<tr>
<td>FLASH SYNC.</td>
<td>1/500 sec to 1 sec.</td>
<td>1/500 sec to 1 sec.</td>
<td>1/500 sec to 1 sec.</td>
</tr>
<tr>
<td>ANGLE OF COVERAGE</td>
<td>35°</td>
<td>35°</td>
<td>35° or 5° Spot</td>
</tr>
<tr>
<td>SENSITIVITY AT 100 I.S.O.</td>
<td>EV 1 to 19.9</td>
<td>EV 1 to 19.9</td>
<td>EV 1 to 19.9</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>1 AA batt.</td>
<td>1 AA batt.</td>
<td>1 AA batt.</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>4.7 x 2.5 x 0.8” (119 x 63 x 21mm)</td>
<td>2.5 x 0.8 x 4.7” (63 x 22 x 119mm)</td>
<td>2.5 x 0.8 x 5.8” (65 x 22 x 140mm)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>3.3 oz (94 g)</td>
<td>3.3 oz (94 g)</td>
<td>4.1 oz (115 g)</td>
</tr>
</tbody>
</table>

Subject to change without notice
### Auto Leader L-188 (401188)
With strap, battery and case. An easy to use, match needle reflected light exposure meter. Lightweight and thin design - fits into shirt pocket. The Auto Leader L-188 has a high sensitive CDS cell that allows for lower light measurements. An optional underwater housing is also available.

**Item # SEL188...............64.95**

### Twin Mate L-208 Analog Incident & Reflected Light Meter (401208)
A compact light meter which combines designed to provide simple, one-handed operation. The printed digits are large and have been color coded for easy recognition of all readings. The L-208 also features a accessory mounting shoe to attach the meter to the accessory flash shoe of many cameras, making the meter accessible and handily positioned for metering most subjects from the camera position.

**Item # SEL208...............89.95**

### Footcandle and Lux Meters
The Sekonic Footcandle Meter L-246 and Lux Meter L-246 LX are lightweight, compact direct measurement meters. They both have a swivel head, and the simplified scale facilitates easy readings. Both meters have a selenium photocell that eliminates the use of batteries. They include lumidisc, high slide and neck strap.

#### Footcandle Meter L-246 (401246)
**Item # SEL246.............149.95**

#### Lux Meter L-246LX (401266)
**Item # SEL246LX...........149.95**

### Accessories for L-246 and L-246LX
- **Slide** (401834)  
  **Item # SESL246.......................7.95**
- **Lumidisc Low Measure** (401833)  
  **Item # SELDLM246...................9.95**
- **Lumidisc High Measure** (401832)  
  **Item # SELDHM246................12.95**

### Specifications for Auto Leader Meter

<table>
<thead>
<tr>
<th>Model</th>
<th>L-188</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring System</td>
<td>Ambient (Reflective)</td>
</tr>
<tr>
<td>Display Readout</td>
<td>Indicator Needle</td>
</tr>
<tr>
<td>Film Speed I.S.O.</td>
<td>6 to 12,000</td>
</tr>
<tr>
<td>F-Stop</td>
<td>F1 to F64</td>
</tr>
<tr>
<td>Shutter Speed Ambient</td>
<td>1/2000 sec. to 8 sec.</td>
</tr>
<tr>
<td>Cine</td>
<td>8 to 128 F.P.S.</td>
</tr>
<tr>
<td>Angle of Coverage</td>
<td>65°</td>
</tr>
<tr>
<td>Sensitivity at I.S.O. 100</td>
<td>EV3 to EV17</td>
</tr>
<tr>
<td>Power Source</td>
<td>3V (CR2032)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>3.2 x 2 x 0.75&quot; (81 x 52 x 19mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.7 oz. (48g)</td>
</tr>
</tbody>
</table>

Subject to change without notice.

### Specifications for Twin Mate

<table>
<thead>
<tr>
<th>Model</th>
<th>L-208</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photocell</td>
<td>Silicon Photodiode</td>
</tr>
<tr>
<td>Display Readout</td>
<td>Indicator Needle</td>
</tr>
<tr>
<td>Film Speed I.S.O.</td>
<td>12 - 12500</td>
</tr>
<tr>
<td>F-Stop</td>
<td>F 1.4 to F32</td>
</tr>
<tr>
<td>Shutter Speed Ambient</td>
<td>1/8000 sec. to 30 sec.</td>
</tr>
<tr>
<td>Angle of Coverage</td>
<td>33°</td>
</tr>
<tr>
<td>Sensitivity at 100 I.S.O.</td>
<td>EV3 to EV17</td>
</tr>
<tr>
<td>Power Source</td>
<td>3V (CR2032)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>1.8 x 2.6 x 1.0&quot; (46 x 66 x 24mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.4 oz. (40g)</td>
</tr>
</tbody>
</table>

Subject to change without notice.

### Specifications for Footcandle and Lux Meters

<table>
<thead>
<tr>
<th>Model</th>
<th>L-246</th>
<th>L-246LX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Readout</td>
<td>Indicator Needle</td>
<td>Indicator Needle</td>
</tr>
<tr>
<td>Measuring System</td>
<td>Incident Light Type</td>
<td>Incident Light Type</td>
</tr>
<tr>
<td>Measuring Range:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low Range</td>
<td>0 - 100 F.C.</td>
<td>0 - 1,000 LUX</td>
</tr>
<tr>
<td>Mid Range</td>
<td>0 - 500 F.C.</td>
<td>0 - 5,000 LUX</td>
</tr>
<tr>
<td>High Range</td>
<td>500 - 5,000 F.C.</td>
<td>0 - 50,000 LUX</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±10% (tested with standard single-plane tungsten lamps of 2854°K color temperature)</td>
<td>±10% (tested with standard single-plane tungsten lamps of 2854°K color temperature)</td>
</tr>
<tr>
<td>Angle Deviation</td>
<td>30°: -3% or less, 60°: -10% or less</td>
<td>30°: -3% or less, 60°: -10% or less</td>
</tr>
<tr>
<td>Dimensions</td>
<td>4.4 x 2.3 x 1&quot; (112 x 58 x 27mm)</td>
<td>4.4 x 2.3 x 1&quot; (112 x 58 x 27mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>4.5 oz. (126g)</td>
<td>4.5 oz. (126g)</td>
</tr>
</tbody>
</table>

Subject to change without notice.
SEKONIC
L308, L398M

L308 B II (401308)
The Flashmate L-308 B II is a small, compact, sleek and professional flashmeter, with a design that makes it the choice of professional as well as amateur photographers. It offers a direct readout on LCD display. Ambient of flash measurement can be selected by a single mode selection button. Incident or reflected light reading is selected by sliding a light receptor. With case, strap and battery.
Item # SEL308B2 .................................................................179.00

Studio Deluxe II L-398M (401398)
The industry standard for incident and reflected light measurement. A swivel head and needle lock facilitate easy and accurate readings. Plus a memory pointer retains prior readings. The selenium photocell eliminates the need for batteries. Includes lumidisc for adjusting illumination contrast, measuring illumination intensity and lumigrid for measuring reflected light. With lumidisc, lumisphere, lumigrid, high-slide, case and strap.
Item # SEL398M ..............................................................................179.00

ACCESSORIES FOR L-318B

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SELSL318B</td>
<td>Lumisphere Incident Light Replacement</td>
<td>11.95</td>
</tr>
<tr>
<td>SECL318B</td>
<td>Long Case (401806)</td>
<td>26.95</td>
</tr>
<tr>
<td>SELGL318B</td>
<td>Lumigrid Reflected Light Replacement</td>
<td>11.95</td>
</tr>
<tr>
<td>SECL318B</td>
<td>Case (401843)</td>
<td>28.50</td>
</tr>
<tr>
<td>SELDL318B</td>
<td>Lumidisc Contrast Light Replacement</td>
<td>11.95</td>
</tr>
<tr>
<td>SESL318B</td>
<td>Strap (Replacement) (401862)</td>
<td>2.95</td>
</tr>
</tbody>
</table>

ACCESSORIES FOR L-398M

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SELSL398</td>
<td>Lumisphere Incident Light Replacement</td>
<td>11.95</td>
</tr>
<tr>
<td>SELGL318B</td>
<td>Lumigrid Reflected Light Replacement</td>
<td>11.95</td>
</tr>
<tr>
<td>SELDL318B</td>
<td>Lumidisc Contrast Light Replacement</td>
<td>11.95</td>
</tr>
<tr>
<td>SESSL398</td>
<td>Slide Set (Replacement) (401805)</td>
<td>11.95</td>
</tr>
</tbody>
</table>

SPECIFICATIONS FOR STUDIO DELUXE II AND DIGILITE METERS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>L-308 BII</th>
<th>L-318 BII</th>
<th>L-398M</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHOTO CELL</td>
<td>Silicon Photo Diode</td>
<td>Silicon Photo Diode</td>
<td>Selenium Cell</td>
</tr>
<tr>
<td>MEASURING SYSTEM</td>
<td>Ambient and Flash</td>
<td>Ambient</td>
<td>Ambient (Indent and Reflective)</td>
</tr>
<tr>
<td>DISPLAY READOUT</td>
<td>Digital LCD.</td>
<td>Digital LCD plus Analog LCD</td>
<td>Indicator Needle</td>
</tr>
<tr>
<td>FILM SPEED I.S.O.</td>
<td>3 to 8,000</td>
<td>3 to 8,000</td>
<td>6 to 12,000</td>
</tr>
<tr>
<td>F-STOP</td>
<td>F0.5 to F90</td>
<td>F1 to F90</td>
<td>F0.7 to F128</td>
</tr>
<tr>
<td>SHUTTER SPEED</td>
<td>1/8000 sec. to 60 sec.</td>
<td>1/8000 sec. to 30 min.</td>
<td>1/8000 sec. to 60 sec.</td>
</tr>
<tr>
<td>CINE</td>
<td>8 to 128 F.P.S.</td>
<td>8 to 128 F.P.S.</td>
<td>8 to 128 F.P.S.</td>
</tr>
<tr>
<td>SENSITIVITY AT 100 I.S.O.</td>
<td>EVO to EV19.9</td>
<td>EVO to EV19.9</td>
<td>EV4 to 17</td>
</tr>
<tr>
<td>SENSITIVITY AT FOOTCANDLES</td>
<td>-</td>
<td>One AA Battery</td>
<td>1 to 40,000</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>4.3 x 2.5 x 0.9” (110 x 63 x 22mm)</td>
<td>4.8 x 2.5 x 9” (122 x 64 x 23mm)</td>
<td>4.4 x 2.3 x 1.3” (112 x 58 x 34mm)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>2.8 oz. (80g) without Battery</td>
<td>3.9 oz. (110g) w/o Battery</td>
<td>6.7 oz. (188g)</td>
</tr>
</tbody>
</table>

Subject to change without notice
Flash Master L-358  (401358)
Digital Incident, Reflected and Flash Light Meter
The L-358 Flash Master features flash / ambient analyzing in all flash modes, and an optional radio transmitter (connects with Wizard flash slaves) that eliminates the need for cord connections while measuring flash up to 100 feet away. Additional features include all weather design, nine memory banks, a retractable Lumisphere, included Lumigrid attachment for reflected metering and large blue-electro luminescent backlit LCD.
• Standard water resistance class 4, splash-proof
• Radio triggering with optional RT-32 Radio Transmitter Module
• Compatible with PocketWizard Radio Receivers
• Flash To Ambient Ratio
Item # SEL358 .......................................................... 249.00

Digital Radio Transmitter (401621)
Requires Wizard flash slaves.
Item # SERTM .......................................................... 25.00

Dualmaster L-558  (401558)
The remarkable new Sekonic L-558 Dualmaster is the world’s most sensitive multi-function meter, reading flash down to an astounding f2 (at ISO 100), twice as low as any other multi-function meter. And with the optional PocketWizard module inside, it becomes a Master Control Center. You can use it to fire individual cameras and flash units remotely, without wires, using a 16/24 bit, security encoded digital signal. Utilizing rubber seals throughout the housing and controls of the meter, the DualMaster is water and moisture resistant. Although the meter can be used in rainy or wet conditions, it should not be used underwater. The large LCD panel makes reading the data easy and convenient; the panel illuminates automatically in low-light surroundings. In order to retain the simple stylish look of the DualMaster, less frequently used functions and controls are confined to custom software functions.
Item # SEL558 .................................................................. 499.00

Super Zoom Master L-608  (401608)
The Sekonic L-608 Super Zoom Master offers ambient and flash metering modes a parallax-free Zoom Spot finder with a digital display and all weather design. A built-in retractable incident Lumisphere for standard or cosine corrected light readings, provides both hemispherical and narrow angle readings. An optional radio transmitter (connects with Wizard flash slaves) that eliminates the need for cord connections while measuring flash up to 100 feet away.
• Built-in parallax-free rectangular 1°-4° spot zoom with digital display.
• Cord, Cordless, Multiple Exposure or Radio Triggering Flash Measurements • Flash To Ambient Ratio • Nine memory banks
• 11 Custom Function Settings • Radio triggering with optional RT-32 Radio Transmitter Module • Compatible with PocketWizards.
Item # SEL608 .................................................................. 699.00

Super Zoom Master L-608C  Cine  (401610)
Item # SEL608C ......................................................... 769.00

Digital Radio Transmitter (401621)
Requires Wizard flash slaves.
Item # SERTM .......................................................... 25.00
The L-508 measures both reflected ambient and reflected flash, as well as mixed lighting. The unique zoom spot viewfinder is parallax-free and can be zoomed to the ideal measuring angle anywhere from 1° to 4° for any subject area or distance, without being restricted to a single narrow angle. The L-508’s zoom spot feature is ideal for measuring distant objects, highly reflective surfaces, extreme contrast scenes, backlighting situations, or specialized applications including the Zone System. The sealed, 9-element optical zoom viewfinder operates with a simple touch and accepts standard Nikon brand eyepiece dioplers for eyeglass wearers. The L-508 is also a full-function incident meter for ambient, flash or mixed light measurement. Incident measurement allows the photographer to read the light falling on the subject, without being misled by the subject’s color or reflectance. The 270° swivel head permits ideal positioning of the retractable luminisphere allowing the photographer constant viewing of the large, easy to read digital display panel from any angle. The retractable, dual position function eliminates the need for interchangeable spherical and flat incident diffusers. In extended position, the luminisphere gives accurate incident measurement of normal scenes and lighting. In recessed position, the luminisphere acts as a flat diffuser and is used for directional, selective measurement and comparison/control of shadow and highlight areas for determination of brightness range or lighting ratio, or measurement of flat surfaces for copy work.

### ACCESSORIES FOR DIGITAL METERS

- **5° Optical Spot Viewfinder for L-318B and L-328**
  - Item # SESA5328 ........................... 89.95

- **5° Optical Spot Viewfinder for L-718**
  - Item # SEVF5L718 ........................... 109.95

- **Synchro Cord for all Flashmeters**
  - Item # SESCZ ............................ 29.95

- **Pinpoint Attachment for L-718**
  - Item # SEFOAL718 ............................ 39.95

- **Lumidisc for L-308 BI**
  - Item # SELD1300B2 ............................ 19.95

- **Lumidisc for L-308**
  - Item # SELD1308 ............................ 11.95

- **Lumidisc for L-328**
  - Item # SELD1328 ............................ 11.95

- **Lumidisc for L-718**
  - Item # SELD1718 ............................ 11.95

- **Lumisphere for L-328**
  - Item # SELSL328 ............................ 11.95

- **Lumisphere for L-718**
  - Item # SELSL718 ............................ 11.95

- **Lumigrid for L-718**
  - Item # SELGL718 ............................ 11.95

- **Case for L-308, L-408, L-718 and L-778**
  - Item # SECL308 ............................ 63.95

- **Case for L-328**
  - Item # SECL328 ............................ 29.95

- **Case for L-718**
  - Item # SECL718 ............................ 73.95

- **Case for L-778**
  - Item # SECL778 ............................ 73.95

- **Long Case for L-328**
  - Item # SECL328 ............................ 26.95

- **Strap**
  - Item # SECL328 ............................ 2.95

- **Synchro Cord**
  - Item # SECL408 ............................ 37.95

- **For L-328, L-408, L-718 and L-778**
  - Item # SECL328 ............................ 2.95

- **For L-408**
  - Item # SECL408 ............................ 37.95

- **Plugs between meter and flash, allows triggering of the flash from the meter.**
  - Item # SECL408 ............................ 37.95

### SPECIFICATIONS FOR ZOOM MASTER L-508 AND DIGITAL SPOT F L-778

<table>
<thead>
<tr>
<th>MODEL</th>
<th>L-508</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHOTO CELL</td>
<td>Silicon Photo Diode</td>
</tr>
<tr>
<td>MEASURING SYSTEM</td>
<td>Ambient and Flash Zoom</td>
</tr>
<tr>
<td>DISPLAY READOUT</td>
<td>Cool Blue Display</td>
</tr>
<tr>
<td>FILM SPEED I.S.O.</td>
<td>1 to 8,000</td>
</tr>
<tr>
<td>F-STOP</td>
<td>f/1 to f/128.9</td>
</tr>
<tr>
<td>SHUTTER SPEED</td>
<td>1/8000 sec. to 30 min.</td>
</tr>
<tr>
<td>CINE SPEED</td>
<td>2 F.P.S. to 360 F.P.S.</td>
</tr>
<tr>
<td>FLASH SYNC TIMES</td>
<td>1 to 1/1000 sec.</td>
</tr>
<tr>
<td>ANGLE OF COVERAGE</td>
<td>Incident 270°/Reflected 1° to 4°</td>
</tr>
<tr>
<td>SENSITIVITY AT 100 I.S.O.</td>
<td>EV-2 to EV19.9</td>
</tr>
<tr>
<td>VIEWFINDER</td>
<td>Variable 1° to 4° parallax-free spot</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>One AA Battery</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>3.3 x 6.1 x 1.6&quot; (82 x 161 x 39mm)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>8.5 oz. (240g)</td>
</tr>
</tbody>
</table>

Subject to change without notice.
## NOVATRON

**Novatron Flashmeter (FM02)**

The Novatron Flashmeter is small enough to fit in a shirt pocket. Its face plate lists the popular film speeds across the top row. To the left is a column of indicators. The meter is simple to use. Simply turn it on and fire a test flash. One of the indicators on the meter's face will illuminate. The illuminated indicator indicates the correct row of f/stops. To find which one is appropriate, match it to the proper film speeds noted on the top row. Because of its ease-of-use, this meter is excellent for the entry level photographer.

Item # NOFM02 ................................................................. 79.95

## PORTAFLASH

**Portaflash Flashmeter (SPPORFM)**

An economic and simple to use flashmeter. Accurate to 1/3 of a stop with over and under range indicators, cord and cordless triggering. An 8-stop range of f/2.8 to f/32 at I.S.O. 100 makes this flashmeter a great buy even for those photographers with a tight budget.

Item # SPFM ................................................................. 99.95

## WEIN

**Flashmeter WP-500B (950010)**

Reads the incident flash light from the electronic flash unit and integrates it with the ambient light to provide an accurate exposure light reading in direct f-stops up to F22. The reading is permanently recorded until the meter is manually reset.

Item # WEWP500B .............................................................. 89.95

**Flashmeter WP-1000 (950020)**

The Wein Flashmeter WP-1000 utilizes all the features of the WP-500B. The f/stope range is increased to f/90, and the meter readings are accurate to 1/6 of an f/stop.

Item # WEWP1000 .............................................................. 129.95

### SPECIFICATIONS FOR NOVATRON FLASHMETERS

<table>
<thead>
<tr>
<th>Feature</th>
<th>WP-500B</th>
<th>WP-1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring System</td>
<td>Incident Flashmeter</td>
<td>Incident Flashmeter</td>
</tr>
<tr>
<td>Display Readout</td>
<td>LED Array</td>
<td>LED Array</td>
</tr>
<tr>
<td>Film Speed ISO</td>
<td>25 to 400</td>
<td>25 to 6,400</td>
</tr>
<tr>
<td>F-Stop</td>
<td>F2 to F22</td>
<td>F2 to F32</td>
</tr>
<tr>
<td>Flash Sync</td>
<td>1/125 sec.</td>
<td>1/250 sec.</td>
</tr>
<tr>
<td>Angle Coverage</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Power Source</td>
<td>9v Battery</td>
<td>9v Battery</td>
</tr>
<tr>
<td>Dimensions</td>
<td>3.7 x 2.4 x 1” (95 x 60 x 25mm)</td>
<td>4.5 x 2.5 x 1” (11.4 x 6.4 x 2.5cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>2.5 oz. (72g)</td>
<td>2.5 oz. (70g)</td>
</tr>
</tbody>
</table>

Subject to change without notice

### SPECIFICATIONS FOR PORTAFLASH FLASHMETER

<table>
<thead>
<tr>
<th>Feature</th>
<th>WP-500B</th>
<th>WP-1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring System</td>
<td>Flashmeter</td>
<td>Flashmeter</td>
</tr>
<tr>
<td>Display Readout</td>
<td>L.E.D. Array</td>
<td>Indicator Needle</td>
</tr>
<tr>
<td>Film Speed ISO</td>
<td>50 to 400</td>
<td>25 to 6,400</td>
</tr>
<tr>
<td>F-Stop</td>
<td>F2.8 to F32</td>
<td>F2 to F90</td>
</tr>
<tr>
<td>Flash Sync</td>
<td>1/60 sec.</td>
<td>1/250 sec.</td>
</tr>
<tr>
<td>Angle Coverage</td>
<td>35 - 135°</td>
<td>35 - 135°</td>
</tr>
<tr>
<td>Power Source</td>
<td>9v Battery</td>
<td>9v Battery</td>
</tr>
<tr>
<td>Dimensions</td>
<td>4.5 x 2.5 x 1” (11.4 x 6.4 x 2.5cm)</td>
<td>-</td>
</tr>
<tr>
<td>Weight</td>
<td>2.5 oz. (70g)</td>
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</tbody>
</table>

Subject to change without notice

### SPECIFICATIONS FOR WEIN FLASHMETERS

<table>
<thead>
<tr>
<th>Feature</th>
<th>WP-500B</th>
<th>WP-1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring System</td>
<td>Incident Flashmeter</td>
<td>Incident Flashmeter</td>
</tr>
<tr>
<td>Display Readout</td>
<td>Indicator Needle</td>
<td>Indicator Needle</td>
</tr>
<tr>
<td>Film Speed ISO</td>
<td>25 to 1,600</td>
<td>25 to 6,400</td>
</tr>
<tr>
<td>F-Stop</td>
<td>F2 to F22</td>
<td>F2 to F90</td>
</tr>
<tr>
<td>Flash Sync</td>
<td>1/250 sec.</td>
<td>1/250 sec.</td>
</tr>
<tr>
<td>Angle Coverage</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Power Source</td>
<td>9v Battery</td>
<td>9v Battery</td>
</tr>
<tr>
<td>Dimensions</td>
<td>4.3 x 2.8 x 1.9” (110 x 72 x 49mm)</td>
<td>4.3 x 2.8 x 1.9” (110 x 72 x 49mm)</td>
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<tr>
<td>Weight</td>
<td>2 oz. (140g)</td>
<td>5.2 oz. (148g)</td>
</tr>
</tbody>
</table>

Subject to change without notice
Section 12
Accessories - Backgrounds

Backdrop Alley ...................... 758
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Studio Dynamics .................. 770-776
Wescott ............................ 780-781
Won .................................. 777-779
Color Charts ....................... 737-752
**AUTOPOLE SYSTEMS**

Manfrotto's background systems combine AutoPole support with the Expan drive to create a strong, easy-to-use and flexible way to hold backgrounds. AutoPole specifications: Minimum clearance height: 6'6" (2.0m), Maximum height: 11'4" (3.5m).

**Deluxe AutoPole 2** (2950D)
The new Deluxe AutoPole 2 incorporates a new style locking mechanism. The locking lever has a safety lock in the handle and two position locking settings: one setting utilizes standard locking pressure lift, and the second provides extra pressure for a firmer hold. In addition, a spring-loaded tip combined with suction rubber cups on top and bottom gives you even greater security. Set of 2. Item # BO2950D .......... 139.95

**Autopole** (2950)
The original AutoPole is similar to the AutoPole 2, but has a one cam-action locking system and rubber suction cup at top and bottom. Set of 2. Item # BO2950 ................. 128.95

**Mini Autopole** (2953)
Ideal for archways, doorways, or window sills, the Mini Auto Pole, in conjunction with the Super Clamp, is designed to hold lights or even cameras. It extends from 39" (99cm) to 67" (170cm) and uses the same automatic lever action positive locking system as the standard AutoPole. Set of 2. Item # BO2953 .......... 114.95

**Spring Loaded Floor-To-Ceiling Poles** (2981)
Spring Loaded mini pole. Set of (2). Extends from 68.9 to 130" (175 to 330cm). Item # BO2981 ............. 76.95

**Extensions**
Extensions attach easily to the AutoPoles without tools or modifications. Available in sets of two in two sizes.

<table>
<thead>
<tr>
<th>Extension</th>
<th>Item # BO</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>59&quot; (150cm)</td>
<td>2951</td>
<td>56.95</td>
</tr>
<tr>
<td>79&quot; (201cm)</td>
<td>2952</td>
<td>61.95</td>
</tr>
</tbody>
</table>

**Base for AutoPoles** (5994)
When you are on the go, this set weighs 4.2 lbs. (1.9kg) and is designed to support AutoPoles, when either the ceiling is too high or when you want your backgrounds to be freestanding. Item # BO5994 ............ 84.95

**Gantry Arm** (135)
For mounting lighting fixtures. Measures 78 3/8” x 3/8” x 9/16”. Mounts with Narrow U-Hooks. Item # BO135 .......... 19.95

**“U” Hooks** (2902P)
Set of two “U” Hooks cross bar holder. Plugs into Super Clamp 2915 socket. Item # BO2902P .......... 10.95

**Narrow “U” Hooks** (2903P)
Set of two narrow “U” Hooks cross bar holder. Plugs into Super Clamp 2915. Item # BO2903P .......... 8.95

**Foot Covers** (2962)
Set of four protective foot covers for rubber feet. Suitable for use with auto poles and AutoPole2. Item # BO2962 .......... 4.50

**Telescoping Crossbar** (2983)
If you need just one background, this 3-section crossbar will attach to any two Bogen light stands (5/8” tip) and expands from 44” (112cm) to 9’ (2.7m). Ideal for location shooting. Item # BO2983 .......... 51.95

**AutoPole Foot Cover** (2982)
Set of four protective foot covers for rubber feet. Suitable for use with auto poles and AutoPole2. Item # BO2982 .......... 4.50

**www.bhphotovideo.com**
**EXPLAN BACKGROUND SYSTEM**

**Expan Drive Unit**
The heart of the system is the Expan drive set, incorporating two expandable core units. One side has a large toothed gear to which a nylon link chain affixes, permitting convenient raising and lowering of the background paper roll. The other side has an adjustable tension drag. To accommodate cored paper rolls in any length, all you do is insert the Expans at both ends, tighten up until they’re snug and mount the entire assembly on your background holder hooks.

**Expan Drive Unit, Black** (2920B)
Item # BO2920B .................. 48.95

**Expan Drive Unit, Grey** (2920G)
Item # BO2920G .................. 48.95

**Expan Drive Unit, Red** (2920R)
Item # BO2920R .................. 48.95

**Complete Autopole**
**Expan System** (2960)
The system consists of a set of AutoPoles (2950), Background Holder Hook Set (2955) and 3 Expan drives (2920).
Item # BO2960 .................. 339.95

**Complete Autopole**
**Expan System** (2961)
Same as above with black anodized finish AutoPoles.
Item # BO2960B .................. 354.95

**Extension Expan Chain** (2923)
39˝ extra length of plastic chain for Expan 2920.
Item # BO2923 ................. 11.95

**Metal Chain for Expan** (2924)
Replaces the standard nylon chain for heavy backdrops.
Item # BO2924 ................. 34.95

**Wall Mount Single Hook Set** (059WM)
For 1 Expan 2920, with screw set.
Item # BO059WM ............... 19.95

**Weight for Expan** (2925)
Helps keep the Expan nylon chain straight.
Item # BO2925 ............... 7.95

**Alu-Core**
The Alu-Core allows you to use the Expan system with uncored background paper. It consists of two aluminum sections which interlock by means of a joining casting. The Expans are inserted into the Alu-Core and provide a core for uncored background paper.

- **Alu-Core 107˝ (272cm)** (2922)
  Item # BO2922 .................. 41.95
- **Alu-Core 144˝ (366cm)** (2928)
  Item # BO2928 .................. 52.95

**Background Hook Set** (2955)
Consists of two 2921 Cast Hooks mounted on Super Clamps, ready to mount on Auto Poles.
Item # BO2955 .................. 74.95

**Background Paper Counterweight** (0622)
Two sections with plastic clip to hold paper. Length 108.3˝ (275cm).
Item # BO2927 .................. 31.95

**Background Holder Hooks** (2921)
Set of 2 sturdy, heavy gauge hooks, will accommodate up to 3 Expan units. These are drilled with clearance holes for #10 screws for mounting directly to your wall.
Item # BO2921 .................. 34.95

**Background Holder Hooks** (0456)
Set of 2 brackets for 6 Expan sets. To be wall mounted with supplied screws.
Item # BO0456 .................. 56.95

**Background Paper Counterweight** (0622)
Two sections with plastic clip to hold paper. Length 108.3˝ (275cm).
Item # BO2927 .................. 31.95

**Metallic Chain** (2924)
Replaces the standard nylon link chain for heavy backdrops. The Alu-Core allows you to use the Expan system with uncored background paper. It consists of two aluminum sections which interlock by means of a joining casting. The Expans are inserted into the Alu-Core and provide a core for uncored background paper.

**Background Paper Counterweight** (0622)
Two sections with plastic clip to hold paper. Length 108.3˝ (275cm).
Item # BO2927 .................. 31.95

**Lighting Q&A**

**What’s the best lighting to use for fashion-type portraits?**

Some of the best fashion shots are runway work, where I’ve used one on-camera flash and shot as the models come by, moving to music. These shots are fantastic. Often there’s a stage behind them, which makes a great background. Fashion is clothing, movement and good-looking people. In some magazines, art directors pose people as if they were in 1930’s Hollywood movies—draped against pillars, using strong lighting with shadows falling behind them. The image is one of total elegance. Strobes are ideal for showing the movement of the person and the clothes. Men’s fashion usually doesn’t involve movement—the models are usually standing still, leaning against a doorway or wall. In recent years a more casual look in fashion photography for men has been introduced. It is easiest to use outdoor lighting for fashion. Try having your model come up a stairway in bright sunlight, which shows the clothes well. Just turn the face away from the bright sunlight. The fashion look, in portraiture, or for straight fashion work, means you use the mood the outfit dictates. If a man is wearing a tweed jacket and an open-collared shirt, make sure he is photographed in a comfortable situation. If he’s in a tuxedo, the situation is more formal. Clothing can determine a lighting setup—how dramatic it should be and how dominant.

**Amphoto Books © 1995**

50 Portrait Lighting Techniques.
The new Expan system (replaces the 2990 Motorized Expan) now provides a convenient and simple way to operate and adjust your studio backgrounds, using remote controlled motors that suspend, raise and lower up to 10 canvas or paper backgrounds at a time. Backgrounds are quickly interchanged in their holders and you can automatically set each background’s high and low positions, then smoothly and easily roll from one to the other with a press of a button. Alternatively, use the manual roll up/down features for different positioning and fine adjustment. And when you’ve finished shooting, tidying the backgrounds out of harm’s way is a touch of a button.

- Supplied in sets (one set = 1 passive roller and 1 active motor drive).
- Heavy duty motor to allow operation of heavy backgrounds (up to 26 lbs.)
- Smooth operation thanks to cardan - type clutch

Background Roll Drive Unit (850)
Item #BO850 .......................................................... 242.95

HOLDERS FOR BACKGROUNDS

For Four Backgrounds (8544)
Set of two universal holders for 4 backgrounds. Can be hung from wall or ceiling. Holders max load capacity 220 lbs.
Item #BO8544 ..................................................... 84.95

For Six Backgrounds (8546)
Set of two universal holders for 6 backgrounds. Can be hung from wall or ceiling. Holders max load capacity 300 lbs. when holders are attached to the ceiling, 150 lbs. if attached to the wall.
Item #BO8546 ..................................................... 94.95

For Ten Backgrounds (85410)
Set of two universal holders for 10 backgrounds. Can be hung from wall or ceiling. Holders max load capacity 400 lbs.
Item #BO85410 .................................................... 169.95

CONTROL BOX

Manfrotto’s new motorized Expan system is based on the well known manual Expan device, a fast and efficient paper background drive set designed to easily and rapidly roll and unroll all types of backgrounds (using a similar technique to that used on window blinds). The new 851 Expan background unit builds on the practicality of the original concept and adds motorized remote controlled practicality and ease of use to perfectly control the deployment of up to 10 backgrounds.

- Controls up to 10 motors (therefore 10 backgrounds)
- Operating functions controlled by included IR remote controller
- Advanced IR communication functions:
  - Remote controller and control box are both programmable for operation on one of seven different channels - therefore if two control box systems are used in the same room, they can be set to different channels to avoid interference. In this case, it is not possible to control both main control boxes with one remote IR controller
  - Communication protocol IRUP – Infra Red over U PSEC Protocol
  - Advanced IR receiver is very sensitive to remote controller signal but extremely disruption-proof
  - Advanced background motor control functions:
    - Each channel has independent, programmable background stop levels for max and min extension positions. Positions are remembered even after power off.
    - M anual mode background positioning
    - “Overload sensor” - automatically stops motor to protect equipment in case of overloading
    - “All backgrounds up” function - automatically rolls all backgrounds with a single touch of a button
    - “Background Start-up” function for easy background positioning in manual mode
    - “Fast stop” function - stops the background immediately, also reduces motor inertia after power off
    - Advanced background rolling modes, which speed-up system operation i.e. rolling up unused backgrounds.
    - Integrated easy-read display (digit height 1.75”) shows selected background number
    - Sound signals for easy operation
    - Customizable – user can change parameters of the control box such as background working modes, sound on/off, etc
    - Owing to differences in international standards, main power supply cable is not included (see 850US Power Cable)

Control Box (851)
Item #BO851 .......................................................... 774.95

USA Power Cable For 851 Control Box (850US)
Mains power cable for Control Box USA plug. Type NEMA5-15P - 8.2’ long (2.5m).
Item #BO850US ..................................................... 29.95
REVERSIBLE BACKGROUNDS

Each has 2 distinct colors! Nylon velour, washable and opaque. Includes carry bag and Background Hanger Clips.

6´ x 8´ (1.8x2.4m)
Light Blue/Dark Blue (01250)
Item # DEBGR68LDB...83.95
Burgundy/Dark Green (01258)
Item # DEBGR68BUDG...83.95
Thunder Gray/Studio Gray (01262)
Item # DEBGR68TSG...83.95

8´ x 12´ (2.4x3.7m)
Light Blue/Dark Blue (01252)
Item # DEBGR812LDBB...142.95
Burgundy/Dark Green (01260)
Item # DEBGR812BUDG...142.95
Thunder Gray/Studio Gray (01264)
Item # DEBGR812TSG...142.95

STUDIO MUSLIN ORIGINALS

Seamless masterpieces, beautiful colors and brilliant white make your pictures snap to life. All Muslins are hot dyed and washable. Polyester/cotton fabric resists tears and abrasions.

10´ x 10´ (3.0x3.0m)
Bright White (01276)
Item # DEBG1010BW...64.95
Medium Blue (01280)
Item # DEBG1010MB...69.95
Light Gray (01284)
Item # DEBG1010LG...69.95
Dark Gray (01288)
Item # DEBG1010DG...69.95
Antique White (01294)
Item # DEBG1010AW...54.95

10´ x 20´ (3.0x6.1m)
Bright White (01278)
Item # DEBG1020BW...94.95
Medium Blue (01282)
Item # DEBG1020MB...115.95
Light Gray (01286)
Item # DEBG1020LG...115.95
Dark Gray (01290)
Item # DEBG1020DG...115.95
Antique White (01296)
Item # DEBG1020AW...74.95

Background Holder Hooks (44120)
Holds three rolls any width. Mounts easily to wall, studs, or poles. 1000 lb. test, 3/16” thick steel. Requires core handles or 1/2” pipe. Set of 2.
Item # DEBHGH..............19.95

Roll-Away (44010)
Roll Holder stores 4 paper backgrounds, any length, in an upright position. Extra heavy adhesive backing. Hi-density polyfoam.
Item # DEBGHRRA...........9.95

Expandable Core Handles (Set of 2) (44140)
Item # DECHBGH.............17.95

Background Hanger Clips (44164)
Item # DEMCH..............7.95

To see the actual design and color of any Background see page 750

MUSLIN MOVER RAIL SYSTEM

The Muslin Mover Rail System compacts 10 foot backgrounds to as little as 18 inches. Attaches to suspended ceilings or, with standard “L” brackets, to walls. Curved track allows full use of space. Backgrounds connect by traveling carriers which are dual-wheeled, 100% nylon and 40% larger and stronger than other carriers. Lasts a lifetime and requires no maintenance. Can be “Customized” to meet any studio layout. Includes one carrier and one muslin clip per foot of track.

Three Wall System (44220)
36 ft. (11m) of track.
Item # DEMMS36.............187.95
4’ Curved Track 90° (44250)
Item # DEMMM4Q............26.50
“Customize” your Muslin Mover with these accessories:

Three Wall System (44230)
42 ft. (12.8m) of track.
Item # DEMMS42.............217.95
4’ Straight Track (44251)
Item # DEMMM4.............24.95

Three Wall System (44240)
58 ft. (17.7m) of track.
Item # DEMMS58.............296.50
6’ Straight Track (44252)
Item # DEMMM6.............41.95

Nylon Track Carriers (15) (44255)
Item # DEMMTCT............15.95
Muslin Spring Clips (15) (44256)
Item # DEMMCM.............9.95
24” Velcro Straps (6) (44257)
Item # DESSMM.............14.50
Wall Brackets (10) (44260)
Item # DEBWM..............16.95
**BACKDROP ALLEY BACKGROUNDS**

**MARBLE TEXTURE MUSLIN BACKGROUNDS**

- Tie-dye backdrops are of the highest quality muslin • 4” hem on top and bottom with 5 eyelets on the top for hanging • Includes photo tip sheet

10’ x 12’
- Blue Tie Dye (BATD12BL) Item # BABD1012TDBL 79.95
- Black Tie Dye (BATD12BK) Item # BABD1012TDB 79.95

10’ x 24’
- Blue Tie Dye (BATD24BL) Item # BABD1024TDBL 127.50
- Black Tie Dye (BATD24BK) Item # BABD1024TDB 127.50

**CLASSIC PORTRAIT PHOTO BACKGROUNDS**

The suede-like fabric is soft, does not fray and does not easily wrinkle. All Classic Portrait Photo Backdrops are made of soft 100 percent polyester and are machine washable. Includes Photo tips and double-sided tape for draping.

58” x 120”
- Gray (BA001) Item # BABD58120G 44.95
- Brown (BA002) Item # BABD58120BR 44.95
- Studio Blue (BA003) Item # BABD58120SB 44.95
- Black (BA004) Item # BABD58120B 39.95
- Hunter Green (BA005) Item # BABD58120GR 44.95

92” x 120”
- Ivory (BA006) Item # BABD58120I 44.95
- Black (BABL001) Item # BABD92120B 79.95
- White (BABL002) Item # BABD92120W 79.95
- ChromaKey Blue (BABL003) Item # BABD92120CKB 79.95

**FLOTONE**

**GRADUATED BACKGROUND MATERIAL**

A synthetic PVC material with beautiful, smoothly graduated backgrounds that afford interesting lighting effects. In a few minutes, a photographer can achieve beautiful effects that would take hours with lights and single-tone backgrounds. Each sheet is individually handmade to achieve a silky matte, non-glare surface. The material and colors do not absorb water, so they can be used with ice cubes, fruit, flowers etc. They can be cleaned with a mild soap solution and soft cloth, making Flotone reusable.

<table>
<thead>
<tr>
<th>Color</th>
<th>31’ x 43” (79 x 109cm)</th>
<th>43’ x 63” (109 x 160cm)</th>
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To see the actual design and color of any Background see page 751
MINI SCROLL - 6’ x 9’ CANVAS ROLL STUDIO BACKGROUNDS

The kit bag comes with stands enclosed. Simply open the case, and erect the whole system within two or three minutes. Three backgrounds are ready to use immediately, interchangeable in an instant with colour-coded pulley-system. Scrolls are not included.

- The Kit Bag can hold up to three backgrounds
- Integral black drape for preventing backlighting
- Colour coded pulley system changes background in seconds
- Fits into a hatchback car
- Total weight: 22 lbs. (10kg)

Colorado (LB5248)  
Item # LABGSM 69C ........ 199.95
Dakota (LB5241)  
Item # LABGSM 69D ........ 199.95
Florida (LB5246)  
Item # LABGSM 69F ........ 199.95
Kentucky (LB5242)  
Item # LABGSM 69K ........ 199.95
Maine (LB5248)  
Item # LABGSM 69M ........ 199.95
Mississippi (LB5253)  
Item # LABGSM 69M S ....... 199.95
New Mexico (LB5252)  
Item # LABGSM 69M N ....... 199.95
Ohio (LB5251)  
Item # LABGSM 69O .......... 199.95
Virginia (LB5243)  
Item # LABGSM 69V .......... 199.95
Washington (LB5240)  
Item # LABGSM 69W .......... 199.95
Wyoming (LB5250)  
Item # LABGSM 69W Q ....... 199.95
Chroma Key Blue (LB5388)  
Item # LABGC69CB .......... 199.95
Chroma Key Green (LB5387)  
Item # LABGC69CG .......... 199.95

SCROLL - 9’ x 20’ CANVAS ROLL STUDIO BACKGROUNDS

9’ wide x 20’ long (2.75 x 6m) of creaseless, seam-less canvas. Designed for studio use, each canvas is attached to a sturdy aluminium core to prevent creasing. As the aluminium core is exactly the same size as that of the paper background support system, customers can use this support for both canvas and paper.

- 12 colors from the washable pallet
- Support Systems available
- Totally crease-free owing to aluminium core

Washington (LB8840)  
Item # LABGC920W .......... 383.95
Dakota (LB8841)  
Item # LABGC920D .......... 409.95
Kentucky (LB8842)  
Item # LABGC920K .......... 409.95
Maine (LB8848)  
Item # LABGC920M .......... 409.95
Ohio (LB8851)  
Item # LABGC920O .......... 409.95
Virginia (LB8843)  
Item # LABGC920V .......... 406.50
Nevada (LB8845)  
Item # LABGC920N .......... 409.95
Maine (LB8848)  
Item # LABGC920M .......... 409.95
Colorado (LB8849)  
Item # LABGC920C .......... 409.95
Ohio (LB8851)  
Item # LABGC920O .......... 409.95
New Mexico (LB8852)  
Item # LABGC920NM ....... 406.50
Mississippi (LB8853)  
Item # LABGC920MS ....... 389.95

COLLAPSIBLE, SCREEN PRINTED 6’ x 7’

This range of collapsible 6’ x 7’ backgrounds is designed particularly with school photography companies and other larger organizations with many photographers all doing similar work in mind. These backgrounds are screen printed on a knitted, crease resistant base. The screen-printing means that each of the backgrounds is color and pattern consistent which will aid all the processing stage, allowing color balancing to be done accurately and quickly. Each background has a black back which prevents light coming from the rear, allowing work against windows.

- Pattern consistent
- Color consistent
- Crease resistant
- Opaque back
- Folds to 31” (80cm)
- Washable pallet

Washington (LB4340)  
Item # LABGPC67W .......... 223.95
Dakota (LB4341)  
Item # LABGPC67D .......... 223.95
Ohio (LB4351)  
Item # LABGPC67O .......... 223.95
Virginia (LB4343)  
Item # LABGPC67V .......... 223.95
Maine (LB4348)  
Item # LABGPC67F .......... 223.95
Kentucky (LB4342)  
Item # LABGPC67K .......... 223.95
Mississippi (LB4353)  
Item # LABGPC67MS ....... 223.95
Florida (LB4346)  
Item # LABGPC67F .......... 223.95
Nevada (LB8845)  
Item # LABGC920N .......... 409.95
Maine (LB8848)  
Item # LABGC920M .......... 409.95
Colorado (LB8849)  
Item # LABGC920C .......... 409.95
Ohio (LB8851)  
Item # LABGC920O .......... 409.95
New Mexico (LB8852)  
Item # LABGC920NM ....... 406.50
Mississippi (LB8853)  
Item # LABGC920MS ....... 389.95

To see the actual design and color of any Background see page 738
**LASTOLITE BACKGROUNDS**

**COLLAPSIBLE REVERSIBLE 5' x 6’**

This extensive range of collapsible backgrounds gives photographers the colors and patterns to express their creativity.
- Now in crease resistant fabric
- The ultimate location accessory!
- Fold to one third original size
- Ideal for portraits on location or in the studio
- Varying sizes from solo portraits to small groups
- Opaque (light proof layer)
- Includes Zip up bag

- **Florida/Maine** (LB56FM) Item # LABGRC56FM......146.95
- **Colorado/Nevada** (LB56CN) Item # LABGRC56CN......146.95
- **Washington/Dakota** (LB56WD) Item # LABGRC56WD......146.95

**COLLAPSIBLE REVERSIBLE 6’ x 7’ WITH 5’ TRAIN**

- 6’ x 7’ (1.8x2.1m) with an extra 5’ (1.5m) floor-piece
- Ideal for full-length or bunched scenes
- Opaque (light proof layer)
- Includes Zip up bag

- **Florida/Maine** (LB67FM) Item # LABGTC67FM......223.95
- **Colorado/Nevada** (LB67CN) Item # LABGTC67CN......223.95
- **Washington/Dakota** (LB67WD) Item # LABGTC67WD......223.95
- **Ohio/New Mexico** (LB67ON) Item # LABGTC67ONM......223.95

**COLLAPSIBLE REVERSIBLE SOLIDS 5’ x 6’**

A compact range of popular reversible colors (except 5620) all made from crease resistant fabrics dyed a single color.
- Crease resistant
- Single colors • Reversible
- Passport • ID
- Corporate • Collapsible

- **Dark Brown/Light Brown** (LB56BD) Item # LABGSC56DLB......149.95
- **Mid Blue/Light Blue** (LB56MB) Item # LABGSC56MLB......149.95
- **Dark Grey/Light Grey** (LB56DG) Item # LABGSC56DLG......149.95
- **White** (LB5620) Item # LABGSC56W......112.95

**CURTAIN/ MUSLIN SHEETS 10’ x 12’ AND 10’ x 24’**

Especially useful for kids, pets, and sports this extensive range of curtain backgrounds gives photographers the colors and patterns to express their creativity. The backgrounds can be draped over props or bunched for added texture. They are all 10’ (3m) wide and come with a handy tote bag. They have a hem along the shortest edge to insert a pole for support.

**Washables**: Fully machine washable at 40ºC in a large washing machine, these backgrounds are for photographers who use backgrounds extensively. The colors take their inspiration from American States.

**MUSLIN SHEETS 10’ x 12’**

- **Washington** (LB7740) Item # LABGSM1012W ......99.95
- **Dakota** (LB7741) Item # LABGSM1012D ......99.95
- **Kentucky** (LB7742) Item # LABGSM1012K ......99.95
- **Virginia** (LB7743) Item # LABGSM1012V ......99.95
- **Nevada** (LB7745) Item # LABGSM1012N ......99.95
- **Florida** (LB7746) Item # LABGSM1012F ......99.95
- **Ohio** (LB7751) Item # LABGSM1012O ......99.95
- **Kentucky** (LB7752) Item # LABGSM1012K ......99.95
- **Mississippi** (LB7753) Item # LABGSM1012M ......99.95

**MUSLIN SHEETS 10’ x 24’**

- **Washington** (LB7840) Item # LABGSM1024W......168.95
- **Dakota** (LB7841) Item # LABGSM1024D......168.95
- **Kentucky** (LB7842) Item # LABGSM1024K ......168.95
- **Virginia** (LB7843) Item # LABGSM1024V ......168.95
- **Nevada** (LB7845) Item # LABGSM1024N ......168.95
- **Florida** (LB7846) Item # LABGSM1024F ......168.95

To see the actual design and color of any Background see page 738
BABY POSER

Put your subjects to the best effect. The modular baby poser can be used in at least three configurations. It comes with its own neutral grey cover, which doubles as a bag.

Posing Tubs (4) with Cushions (LAP014)
Item # LAPT4 ....................... 296.95

BABY POSER w/Grey Cover (LAP017)
Item # LABPCG .................... 138.95

LIGHT TENTS

Light Tents provide soft shadowless light and are an excellent method of isolating a subject from its environment. They avoid reflections on glass and silverware in studio shots and outdoors they shield plants and small animals from wind.

20” Light Tent (LR2087)
Diameter: 20” Height: 24”
Item # LALT20 ..................... 44.95

30” Light Tent (LR3087)
Diameter: 30” Height: 38”
Item # LALT30 ..................... 59.95

38” Light Tent (LR3887)
Diameter: 38” Height: 48”
Item # LALT38 ..................... 84.95

48” Light Tent (LR4887)
Diameter: 60” Height: 48”
Item # LALT48 ..................... 108.95

SCENIC BACKGROUNDS 5’ x 6’

• A range of natural wooded glades
• Available only in 5’ x 6’
• Five painted scenes of the ‘seasons of the year’
• Lend a subtle enhancement and mood
• Polyester-Cotton
• Hand painted
• Each background is individual and unique

Autumn Glade (LB5631)
Item # LABG556AG ................. 154.95

Summer Paddock (LB5634)
Item # LABG556SP ................. 154.95

Spring Fields (LB5633)
Item # LABG556SF ................. 154.95

Autumn Paddock (LB5635)
Item # LABG556AP ................. 154.95

Winter Woods (LB5631)
Item # LABG556WW ................ 154.95

To see the actual design and color of any Background see page 737

To see the actual design and color of any Background see page 738

TUBS

The four tubs for putting family groups into aesthetic poses are covered with strong, durable nylon fabric. All are padded for comfort and are built on a sturdy fibre board frame. Each size fits inside the largest for easy storage and portability.

Posing Tubs (4)
Item # LAP014 ...................... 296.95

CHROMAKEY COLAPSIBLE

5’ x 6’ ChromaKey
Blue/Green (LC5687)
Item # LABGC56BG ............... 218.95

6’ x 7’ ChromaKey Green (LC5981)
Item # LABGC67G ................. 162.95

6’ x 7’ ChromaKey Blue (LC5988)
Item # LABGC67B ................. 207.95

6’ x 9’ ChromaKey Green (LC5981)
Item # LABGC69G ................. 273.95

6’ x 9’ ChromaKey Blue (LC5988)
Item # LABGC69B ................. 273.95

CHROMAKEY SHEET

10’ x 12’ ChromaKey
Green (LC5781)
Item # LABGC1012G .......... 118.95

10’ x 12’ ChromaKey
Blue (LC5788)
Item # LABGC1012B .......... 149.95

10’ x 24’ ChromaKey
Green (LC5881)
Item # LABGC1024G .......... 204.95

10’ x 24’ ChromaKey
Blue (LC5888)
Item # LABGC1024B .......... 254.95

70’ x 16’ ChromaKey
Blue (LC9188)
Item # LABGC7016B .......... 154.95

50’ x 16’ ChromaKey
Green (LC39187)
Item # LABGC7016G .......... 154.95

CHROMAKEY COLLAPSIBLE

To see the actual design and color of any Background see page 737

To see the actual design and color of any Background see page 738

SCENIC BACKGROUNDS 5’ x 6’

AUTUMN SNOWSCAPE

Autumn Glade
Item # LABG556AG ................. 154.95

Summer Paddock
Item # LABG556SP ................. 154.95

Spring Fields
Item # LABG556SF ................. 154.95

Autumn Paddock
Item # LABG556AP ................. 154.95

Winter Woods
Item # LABG556WW ................. 154.95

To see the actual design and color of any Background see page 737

To see the actual design and color of any Background see page 738
The Background-Support-System-In-A-Bag is a unique package that will support seamless paper up to 11' (3.4m) in width as well as accommodating the 12' (3.7) width of the Backgrounds-in-a-Bag. The system consists of two heavy-duty professional support stands, a sturdy four-piece crossbar and a heavy-duty canvas carry bag. The background stands are professional quality units, featuring three positive locking levers and tubular legs. The four-piece crossbar snaps together with positive locking devices. The background system can be extended to 10.5' (3.2m) in height and 12.5' (3.8m) in width. When closed the entire package in the bag measures 39' (99cm) in length and weighs just 12 lbs. (5.4kg).

**Background-Support-System-In-A-Bag**
- **12' (3.7m) Crossbar** (S40234) for Background System.
  - Item # PHBGSS12 ........ 144.95
- **Special Extension Package** (SXT18)
  - Increases system width to 18 ft.
  - Includes (2) 3-ft. crossbars, (1) support stand and carry case.
  - Item # PHEBSS ................ 79.95

**PEO PLEPOPPER**
The ideal solution for photographers who need a complete background system that sets up in seconds, stores in a bag, and is ever so weight friendly. Backgrounds open to a generous 6'x7' (1.8x2.1m), enough to photograph singles and doubles. The specially dyed nylon velour fabric is wrinkle resistant and one side has been carefully air-brushed in an Old Masters design. The background system can be extended to 10.5' (3.2m) in height and 12.5' (3.8m) in width. When closed the entire package in the bag measures 39' (99cm) in length and weighs just 12 lbs. (5.4kg).

**Background-Support-System-In-A-Bag**
- **12' (3.7m) Crossbar** (S40104) for Background System.
  - Item # PHBGSS12 ........ 144.95
- **Special Extension Package** (SXT18)
  - Increases system width to 18 ft.
  - Includes (2) 3-ft. crossbars, (1) support stand and carry case.
  - Item # PHEBSS ................ 79.95

**PEO PLEPOPPER**

To see the actual design and color of any Background see page 751
Reflecmedia was established as a specialist division of Reflec plc to deliver its patented technology to the media industry. Using the scientific process of 'retro-reflectivity', the company is changing the art of chroma key with a range of products that will bring economy of time and money, with increased creativity, to anyone filming content for film, television and video. Since it was first used in films in the 1950's, chroma key is a production process that has remained largely unchanged. Since introducing the concept of 'retro-reflectivity', Reflecmedia has begun to define what was a process with a specific product solution in Chromatte. As Reflecmedia continues to quantify for a mass market, a process that has been trial and error, its ambition is to be remembered in history as having contributed one of the most fundamental changes to the art of film making in the way colour, sound and digital editing have done already.

**CHROMAFLEX**

ChromaFlex takes chroma key production out of the studio and into any controlled lighting environment - enabling never before seen results with the minimum set up! Manufactured using proven collapsible frame technology ChromaFlex is a portable Chromatte screen that can be carried under your arm. Ideal for cameramen, videographers, production companies and news crews. Shooting chroma key on location and in non studio environments is a challenge for even the most experienced professional - achieving controlled and even lighting are just two of the problems! ChromaFlex is what it says - a truly flexible chroma key solution that allows you to shoot and key almost anywhere! The results achieved using ChromaFlex are as good as those achieved in a dedicated studio environment - yet in contrast you can take your chroma key studio with you wherever you go, as everything you need comes in one small bag! Using Reflecmedia's revolutionary Chromatte fabric the ChromaFlex screen offers the same high quality results in the most portable configuration. You get the same choice of using a blue or green LiteRing to generate your chosen keying colour - this camera mounted LED source is all you require to key with. The collapsible pop-up frame springs open when removed from its bag to create an instantly usable 6.9 x 6.9 ft. (2.1x2.1m) screen. The surface area allows sufficient space to shoot from close-up through to a wide shot of good proportion.

**Fast** - The pop-up screen takes a matter of seconds to erect as no other fittings are required.

**Portable** - Where hanging is not an option or you are not familiar with your filming location, ChromaFlex gives you complete flexibility. It can be held, leaned against a wall or clipped to a free standing frame. The ChromaFlex screen, LiteRing and LiteRing Controller pack away easily into a bag that can fit into the back of your car.

**Effective** - Chromatte achieves a high quality key, with no blue spill & excellent edge definition.

**Inexpensive** - No need for studio space, lighting and wasted labor.

**Quality** - The collapsible inner frame can withstand long term use and is of the highest quality construction. The portability of ChromaFlex takes chroma key out of the studio and into the open - an office, classroom, meeting room or garage just became shooting locations! Chroma key is no longer a time consuming process only for experienced lighting technicians and camera operators - in minutes you can achieve results that before may have taken hours. As an experienced professional you will benefit from the ease of ChromaFlex and the release of time it provides for greater creativity. When you buy ChromaFlex it comes with your choice of a blue or green LiteRing, in either a small size to suit DV cameras or larger size for professional lenses. You may also choose to purchase additional LiteRings to increase the flexibility of the product.

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**CHROMAFLEX**

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<th>Product Description</th>
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<tr>
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LITE-RING

The LiteRing is a circular arrangement of bright blue or green light emitting diodes (LEDs) mounted around the camera lens. The LiteRing provides all the necessary source light required to illuminate the Chromatte fabric for keying. Manufactured in two sizes, it is compatible with most digital video and professional camera lenses. The AC powered LiteRing Controller (LRC) allows you to adjust the intensity of light required for optimum keying results.

Advantages of LiteRing - The LiteRing works in conjunction with our reflective Chromatte fabric. Together they efficiently use the LiteRing’s narrow wavelength of light to generate a brilliant but low level and even colored background, producing excellent chroma key results. They achieve this due to the physical characteristics of the light, its direction and position, in relation to each other in a process called ‘retro-reflectivity’.

Configuration - The LiteRing is a mains powered and adjustable light source, made up of blue or green LEDs, arranged around and close to the centre of the camera lens (known as the ‘centre axis’).

Location - The LiteRing is fixed to the camera and is positioned fractionally behind the front of the lens. Lightweight and detachable in seconds, if you want to change from a blue to a green key you simply unscrew and replace with a different colored LiteRing.

Angularity - The LEDs are specifically angled to beam the colored light at the facing concave shaped glass beads on the reflective Chromatte background. The light is then reflected back along the same axis (angle) towards and into the camera lens.

Maneuverability - Traditional chroma key often requires that you relight the background for each camera setup. With the LiteRing attached to the camera you can move from 90 degrees head on, to approximately 10 degrees from horizontal only requiring a slight adjustment on the LiteRing Controller to effect a key.

Distances - Ideal shooting distances depend on a number of variables including levels of ambient light, choice of keying applications, camera quality and filming formats. As a rule the subject should be further than 2-3m (8’) from the camera to avoid a blue or green cast of light. Maximum distance rises up to approximately 20m (60').

LITE-RING SPECIFICATIONS

Power source: Output 12V via an AC adapter f/UK, Europe and US.

Camera lens dimensions:
- Small: 44.5mm-74.9mm
- Large: 60.3mm-115.8mm

Light Intensity:
- Blue LiteRing: 47 candela
- Green LiteRing: 158 candela

Kits Include: LiteRing, Controller and Power Supply.

12v Power Supply for LiteRing (RM5201)
Item #REPSRL .................................................................48.95

12v Power Supply UK for LiteRing (RM5202)
Item #REPSUKRL ...........................................................48.95

12v Power Supply EU for LiteRing (RM5203)
Item #REPSRLX ............................................................48.95

LITE-RING CONTROLLER

The intensity of the light emitted from the LiteRing can be adjusted with the LiteRing Controller. As a rule the LiteRing should be set to medium output and adjusted as required based upon distance and keying device, to achieve optimum results.

LiteRing Controller (RM4201)
Item #REICLR ..............................................................295.00
Chromatte is a 'retro-reflective' fabric designed to serve as a background for use in chroma key production for film, television and video. This light-weight, flexible fabric contains millions of glass beads that behave like 'cats eyes' - it is dark grey to the eye in ambient light, but when used with a camera mounted LED LiteRing the grey is seen by the camera as a brilliant but more importantly 'even' blue or green background for easy chroma keying.

Saves on space - With only the camera mounted LiteRing required to light the background, you no longer need the space to accommodate heavy studio lighting. With Chromatte you can chroma key in smaller, light controlled locations.

Saves on lighting - Traditional chroma key fabric absorbs light where Chromatte is reflective, efficiently using its light source to give a bright and even background. This saves approximately 1KW of light for every 2m of conventional background fabric or painted walls.

Saves time - Lighting for chroma key requires skilled lighting technicians and can take hours. Chromatte is easy to set up taking just minutes and freeing up time that can be spent lighting a scene or subject more carefully and creatively.

Saves money - Time saved, space saved, lighting saved, heat saved, fewer retakes means money saved.

Chromatte 8x8' Curtain (RM1201) Item # RE88CC .......... 1595.00
Chromatte 12x10' Curtain (RM1202) Item # RE1210CC .......... 2995.00
Chromatte 16x12' Curtain (RM1203) Item # RE1612CC ........... 4795.00

Chromatte 12x10' Blue Kit - Small (RM1101SB) Includes 8x8' curtain, small blue Lite-Ring, controller & power supply. Item # REC88SBK .......... 2395.00
Chromatte 12x10' Green Kit - Small (RM1102SG) Includes 12x10' curtain, small green Lite-Ring, controller & power supply. Item # REC1210SGK .......... 3795.00
Chromatte 12x10' Blue Kit - Large (RM1101LB) Includes 8x8' curtain, large blue Lite-Ring, controller & power supply. Item # REC88LBK .......... 2395.00
Chromatte 12x10' Green Kit - Large (RM1102LG) Includes 12x10' curtain, large green Lite-Ring, controller & power supply. Item # REC1210LGK .......... 3795.00
Chromatte 8x8' Green Kit - Small (RM1101SG) Includes 8x8' curtain, small green Lite-Ring, controller & power supply. Item # REC88SGK .......... 2395.00
Chromatte 8x8' Green Kit - Large (RM1101LG) Includes 8x8' curtain, large green Lite-Ring, controller & power supply. Item # REC88LGK .......... 2395.00
Chromatte 12x10' Blue Kit - Large (RM1102LB) Includes 12x10' curtain, large blue Lite-Ring, controller & power supply. Item # REC1210LBK .......... 3795.00
Chromatte 12x10' Green Kit - Large (RM1102LG) Includes 12x10' curtain, large green Lite-Ring, controller & power supply. Item # REC1210LGK .......... 3795.00
Chromatte 16x12' Blue Kit - Small (RM1103SB) Includes 16x12' curtain, small blue Lite-Ring, controller & power supply. Item # REC1612SBK .......... 5995.00
Chromatte 16x12' Blue Kit - Large (RM1103LB) Includes 16x12' curtain, large blue Lite-Ring, controller & power supply. Item # REC1612LBK .......... 5995.00
Chromatte 16x12' Green Kit - Small (RM1103SG) Includes 16x12' curtain, small green Lite-Ring, controller & power supply. Item # REC1612SBK .......... 5995.00
Chromatte 16x12' Green Kit - Large (RM1103LG) Includes 16x12' curtain, large green Lite-Ring, controller & power supply. Item # REC1612LGK .......... 5995.00
Off The Wall Productions is the leader in the manufacturing of studio prop systems for in-studio and outdoor photography. Consultants have visited thousands of studios around the world, enabling them to gain insight into the needs of today’s progressive photographer. This knowledge and experience, combined with a team of highly creative artists and craftsmen brings to you a functional system of props that, when used properly, will immediately increase your sales.

**WHAT IS A STUDIO PROP SYSTEM?**

Versatile, modular, double-sided pieces were designed and manufactured, which have made it simple to create the illusion of size and depth in any camera room or outdoor location, so photographers could fully utilize the controlled environment of their camera room, not just as an alternative to bad weather. The color and tonality of all props and backgrounds were coordinated allowing your subject to remain the primary focus of the overall image. All systems are designed to become interactive, meaning they become a part of the image and not just part of the background.

**WHAT ARE THE PROPS MADE OF?**

These portable props are made of lightweight, high density polystyrene. Every piece is hand-carved and hand-painted for life-like results. They are easy to maneuver in your camera room or load into a vehicle for a location session. All of the high traffic areas are laminated to increase their strength. The entire product is then covered with a super strong surface coating making them weather resistant and extremely damage resistant.

**WHAT ABOUT SIZE?**

The props are designed to give a small camera room the illusion of size and elegance and a large camera room functionality. All sizes of camera rooms in all kinds of studios were successfully outfitted. Even our largest systems store conveniently in a small area against a wall.

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**Order & Information:** (212) 444-6641 • FAX: (212) 239-7770 (800) 947-7008

1-800-947-9941 • www.bhphotovideo.com
VELVETINE

Velentine is a non reflective velvet-like table top background material. 52" x 20 feet.
Royal Blue (522058) Item # SABGV52RB ........ 34.50
True Burgundy (522045) Item # SABGV52TB ........ 34.50

Emerald Green (522018) Item # SABGV52EG ........ 34.50
Midnite Black (522020) Item # SABGV52MB ........ 34.50
Castle Gray (522027) Item # SABGV52CG ........ 34.50

Soft Beige (522025) Item # SABGV52SB ........ 34.50
Burnt Sienna (522010) Item # SABGV52BS ........ 34.50
Majestic Mauve (522029) Item # SABGV52MM .......... 34.95
True Burgundy (522045) Item # SABGV52TB ........ 34.50

REFLECT-O-BOARD

32" x 40" boards are designed for reflecting light. Available in assorted finishes with a super white reverse side. This studio board has many uses including reflecting light, runners and cue cards.

Bright Silver (1825) Item # SAROBBS ............ 5.95
Matte Black (1840) Item # SAROBMB ............ 5.95
Dull Gold (1831) Item # SAROBDG ............ 4.95
Dull Silver (1838) Item # SAROBDGS .......... 6.50
Dull Gold Pebbled (1832) Item # SAROBDGDP .......... 6.50
Matte Gold (1838) Item # SAROBMG ............ 6.50

TRANS-LUM

Trans-Lum (55418) Made from sturdy plastic, is available in rolls of 54" x 18 feet. Its specialized effect is that of a frosted glass; props on the other side can be seen as shapes. It can be easily cut with scissors and used as a background, prop set-up, light table or other special effects. Ideal for cutting silhouettes.
Item # SATLM ................ 23.95

DIFFUSE

Diffuse (59224) Made of an innovative, translucent, nonwoven polyester fabric and is available in rolls of 92" x 24 feet. Use diffuse with back lighting for a beautiful soft lighting effect for fashion and other creative photography. Light it from front for a unique effect. It can be suspended like seamless or attached to a wooden frame.
Item # SADM .................. 58.50

BACKGROUND STANDS

Port-A-Stand with Carrying Bag (62037) A versatile, yet compact metal portable background stand. Matte black finish. Stand opens to 9'5" wide, 8'10" high and collapses to 44" for ease of carrying. The vertical uprights can be used as light stands for a completely versatile all-in-one system. Comes complete with a bag. The perfect background stand for location. Weighs 12 lbs. Accommodates 53" x 12 yds. or 107" x 12 yds. rolls of paper or fabric background.
Item # SABGSPAS .............. 94.95

Economy Background Stand (60099) Economy background stand is ideal for the student or part time photographer. Holds 53" or 107" wide with seamless. Matte Black Finish.
Item # SABGSE ............... 56.95

Polevault® Background Stand (60115) A freestanding portable background support stand made from 7/8" and 1" tubular steel. Professional locking collar for easy adjustment from 4'3" to 8'6" in height and 60" to 115" in width. Only 14 lbs. and requires no tools for assembly. This three-piece unit is ideal for supporting 53" or 107" background paper, quilts, drapes, display panels, etc.
Item # SABGSPV ............. 89.95

Multiple Polevault® Background Stand (63151) An exceptionally strong, yet lightweight stand that can support either 3 rolls of 107" background paper or 1 roll of 140" background paper. Expands from 5'3" to 9'7" high and from 60" to 152" wide. Weighs 15 lbs. No tools required.
Item # SABGSM PV ........... 199.95
**WIDETO NE° SEAMLESS BACKGROUND PAPER**

High quality, fine tooth non-reflecting surface available in an array of vibrant colors. Compatible with a variety of mediums, ideal for photo background, display, banners, drafting, decorations. The 26" and 53" rolls are shrink-wrapped and available in displays. The standard studio size 107" x 12 yd. as well as 50 yd. rolls and 140" wide are all core wound for extra support and wrapped in a plastic sleeve to keep moisture and dirt out.

Widetone Seamless — 26" x 12 yd.
Item # …………………………………… SABGP26( )

Widetone Seamless — 53" x 12 yd.
Item # …………………………………… SABGP53( )

To see the actual design and color of any Background, see page 752.

To order Widetone Seamless Bkgd., just insert (#) from first column in chart below to the Item # between parenthesis.

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* Chroma Key Compatible

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To order Widetone Seamless Bkgd., just insert (#) from first column in chart below to the Item # between parenthesis.
**Light Stand Mount** - Background comes ready to be used with a lightstand. It has wood at the top with a hole for the lightstand tip. A core is attached to the bottom for easy rolling. For 5 foot through 9 foot widths.

**Studio Mount** - Background comes ready to be used with a background stand. A core is at the top for use with a crossbar. A piece of wood molding at the bottom acts as a counterweight.

---

### CANVAS BACKGROUNDS

Studio Dynamics offers stunning, aesthetically pleasing backdrops for discriminating photographers. Beyond the thoughtful design, every backdrop is also the product of the dedication to quality. Each backdrop is painstakingly painted by hand, the traditional way, with attention to fine detail. These are not mass machine printed with fuzzy off-colors. Nor are they imported from a third world nation with all the attendant quality problems. This staff of artists has been carefully trained to produce backdrops that speak of elegance in the grand manner, a modern Renaissance of style and mood. You are promised the finest quality and incomparable style and craftsmanship. Color and texture will be similar to color chart, but not necessarily exact.

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### Color Chart

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To see the actual design and color of Backgrounds with (*) see pages 744.

To see the actual design and color of Backgrounds with (※) log on to our website at www.bhphotovideo.com.

To order Scenic Backgrounds, just insert (L) for Lightstand mount or (S) for Studio mount in the Item # column, between parenthesis.
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To see the actual design and color of Backgrounds with (*) see pages 742
To see the actual design and color of Backgrounds without (*) log on to our website at www.bhphotovideo.com
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## STUDIO DYNAMICS

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Color

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Item #

Price

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Color

Cat #

Item #

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To see the actual design and color of any Background see page 746, 748-749
### MUSLIN GRACE

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### MUSLIN MODERN

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For a complete list of colors and designs, please visit our website at [www.bhphotovideo.com](http://www.bhphotovideo.com). To see the actual design and color of any Background see page 747, 750.
Collapsible backgrounds come in three styles and three sizes:
- Illuminator (one-sided)
  5´x 6´ (1.5x1.8m)
- Illuminator (one-sided)
  6´x 7´ (1.8x2.1m)
- Illuminator (2-in-1)
  5´x 6´ (1.5x1.8m)

Collapsible Illuminator backgrounds are a snap to set up and refold.

### MASTERPIECE COLLAPSIBLE ILLUMINATOR 5´x 6´ (1.5x1.8m)

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<th>Item #</th>
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<td>Moonlight Cloudscape</td>
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<td>Storm Cloud Cloudscape</td>
<td>WEBGI6072CC</td>
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<td>Gentian Blue Masterpiece</td>
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<td>Bracken Brown Masterpiece</td>
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### MASTERPIECE COLLAPSIBLE ILLUMINATOR 6´x 7´ (1.8x2.1m)

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<td>April Showers</td>
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<td>Storm Clouds</td>
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### MASTERPIECE COLLAPSIBLE 2-IN-1 ILLUMINATOR 5´x 6´ (1.5x1.8m)

Two-sided 5´x 6´ collapsible backgrounds give two background choices in one bag. Pairs of the most popular colors of our masterpiece collection, as well as black and white, have been joined together in one collapsible background. They collapse as our other Illuminator style backgrounds do into a third of their size and store in a flat circular bag about 30” in diameter. Designated colors complement high and low key ranges. Also for digital imaging, the Illuminator 2-in-1 Chroma-Key background provides two digital color options in one background.

<table>
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<tr>
<td>April Showers/Heather</td>
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<td>Costa Brava Blue/Canberra</td>
<td>WEBGI1CBBC56</td>
<td>$169.95</td>
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<td>Hazel Pastel/Athens</td>
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<td>Bracken Brown/Light Gray Splatter</td>
<td>WEBGIBBLG56</td>
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To see the actual design and color of any Background see page 739.
Westcott now offers washable muslin sheet backgrounds in two sizes. The backgrounds are ideal for photographers to withstand applications that involve pets, sports, or kids. The backgrounds are machine washable in a large washing machine. Tumble dry on medium setting and remove at once from dryer when dry.

### MASTERPIECE SHEET BACKGROUND S 10’ x 12’ (3.0 x 3.7 m)

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<td>Ocean Sky</td>
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<tr>
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### MASTERPIECE SHEET BACKGROUND S 10’ x 24’ (3.0 x 7.3 m)

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### MASTERPIECE SHEET “WASHABLE” BACKGROUNDS

To see the actual design and color of any Background see page 739.
COLOR CHARTS

OFF THE WALL — Studio Sets & Props

Villa Series

Castlestone
Cement
Cobblestone
Country
Desert
Weathered
Street
Fawn
Night
Vintage

Waterfall

Art Form Floor or Wall

CHROMAKEYS - Blue and Green

Delta
Lastolite
Wescott
Photoflex
Flexdrop

Savage
Studio Dynamics Canvas
Won

58 Studio Blue
46 Tech Green
COLOR CHARTS

BACKDROPS

PHOTO - VIDEO - PRO AUDIO

Color Charts

LASTOLITE

Classic Backdrops

Muslin — Tie Dye

BACKDROP ALLEY

Colorado

Dakota

Florida

Kentucky

Maine

Mississippi

Nevada

New Mexico

Ohio

Virginia

Washington

Wyoming

LASTOLITE — Plain

Single or Reversible

White

Light Blue

Light Brown

Light Grey

Black

Mid Blue

Dark Brown

Dark Grey

LASTOLITE — Scenics

Autumn Glade

Autumn Paddock

Spring Fields

Summer Paddock

Winter Woods

Backgrounds are handpainted and may vary slightly from swatches pictured
Backgrounds are handpainted and may vary slightly from swatches pictured.
COLOR CHARTS

STUDIO DYNAMICS — The Europa Collection

Aberdeen Allegro Balducci Bellini
Bellisimo Bravo Champagne Chardonnay
Cortina Devonshire Divini Genoa
Hanover Kouros La Scala Lucerne
Murano Nordic White Novado Pompeii
Portobello Roma San Marco Scandia
Sherwood Snowcap Sorrento Talamasca
Tuscany Venetian Rose Verona Vivaldi
Backgrounds are handpainted and may vary slightly from swatches pictured.
Backgrounds are handpainted and may vary slightly from swatches pictured.
COLOR CHARTS

WON — Muslin Renoir (MR) Series

Adagio
Allegro
Arpeggio
Autumn Pine
Bridal Way
Cantabile
Capriccio
Distant Drum
Dream Castle
Evening Primrose
Flamingo
Habanera
La Mer
Lake Side
Melancholy
Merino Pure
Milky Dream
Minuet
Mystic Bright
Night Fog
Overture
Pastel Mild
Prelude
Prologue
Rhapsody
Seduction
Summer Plains
Vita Mia
Vivace
Wharf Mist
Wigwam
Yearning

Backgrounds are handpainted and may vary slightly from swatches pictured.
COLOR CHARTS

WON — Muslin Modern (MM) Series

Bronze Age  Camel Bird  Cezanne Lake  Cherokee Pink
Choc Chic  Dark Black  Deep Autumn  Dove Feather
Emerald Lagoon  Espresso  Frock Coat  Grapery
Greek Tycoon  Grotesque  Hurricane  Mars
Melanesian  Moody Blue  Mossy Rock  Ocean Blue
Passionate  Peninsula  Purplish  Romance
Seattle Sunset  Tahiti Nut  Velvet Evening  Vincent Palette
Backgrounds are handpainted and may vary slightly from swatches pictured.
COLOR CHARTS

WON — Muslin Grace (MG) Series

- Antique Grey
- Atlantic
- Cherry Rum
- Chocolate
- Golden Sand
- Greek Marble
- Horizon
- Indian Orange
- Marine Show
- Mustard Coat
- Nostalgia
- Oakwood
- Pastoral
- Pavillon
- Pigeon Grey
- Polynesian
- Rabbit Creamy
- River Drift
- Spring Breeze
- Timber Land

DELTA — Studio Muslins

- Antique White
- Bright White
- Light Grey
- Dark Grey
- Medium Blue

DELTA — Reversibles

- Dark Blue
- Black
- Burgandy
- Thunder Grey
- Light Blue
- Tan
- Dark Green
- Studio Grey

Backgrounds are handpainted and may vary slightly from swatches pictured.
COLOR CHARTS

SAVAGE — Widetone Seamless

Backgrounds are handpainted and may vary slightly from swatches pictured.
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  f.64/Impact/Pelican .............. 784
  Lightware ...................... 785-789
  Tamrac ......................... 790-791
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  Manfrotto ....................... 796-801
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Posing Stools/Tables and Accessories
  ALM/Impact ...................... 803
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Tools
  Leatherman .................... 814-815
**Light Stand Bag (LSB)**
The LSB is designed to carry light stands. A roomy internal pocket will hold umbrellas while two zippered pockets on the ends hold accessories. Carry it either by its detachable shoulder strap or the wraparound leather carrying handle.
Dimensions: Interior - 7" x 7" x 36" (18x18x91cm) Color: Black
Item # F6LSB .................................................................34.95

**Lighting & Camera Equipment Wheeled Case (PCS104)**
Offers a main compartment that holds SLR, medium format, video or lighting equipment in a removable divider tray set that keeps all your equipment organized. The two flip top compartments conveniently hold light stands, umbrellas, tripods and other accessories in place and offer easy access from the top even when the case is closed.
The two ergonomic molded grab handles make it easy to lift this case in and out of your vehicle, and the inline skate wheels and retractable locking handle make moving equipment a snap. Adjustable straps and catch pockets on both sides secure larger tripods and light stands.
Dimensions: Internal - 25" x 15" x 5½" (63x38x13cm)
External - 28" x 17" x 14" (71x43x35cm)
Item # PELCEWC ........................................324.95

**Transportable Protector Case (1650)**
Thick wall construction and massive seven lock latch integrity make this rollaway equipment vault standard issue for working pros who demand the finest in unbreakable portable protection cases.
The 1650 Case is O-Ring watertight, airtight, dustproof, crushproof and built Pelican tough! Equipped with foam for total equipment protection.
Features include fold down main handle, 7" extension handle, large side trunk handles, seven large latches, 2" hard rubber wheels, atmospheric pressure purge valve and a personalized nameplate available (engraved at additional cost).
Dimensions: Internal - 29"L x 17½"W x 10½”D (74x45x27cm)
External - 32½"L x 20½”W x 11½”D (83x52x29cm)
Color: Black
Item # PE1650 ..................................................172.95

**Light Kit Bag (A4235)**
Constructed of Ballistic nylon. Has PVC feet on the bottom of bag for extra protection. Case and dividers are padded with high-density foam for protection, extra body and durability. Removable top tray that holds light stands and umbrellas.
Five foam dividers with hook and loop fasteners. Has adjustable webbed carrying straps with padded handle wrap for convenient hand or shoulder carrying.
Weight 6.4 lbs. (2.9kg).
Dimensions: 34½ x 10 x 9” (88x25x23cm)
Item # IMLKB ........................................44.95

**Light Kit Bag (A4196)**
Made of polyester with vinyl coated backing. Weight: 3.31 lbs. (1.5kg)
Dimensions: 36 x 8.5 x 8.5” (92x21.6x21cm)
Item # IMLSB ..................................................79.95

**Light Kit Bag (A4235)**
Item # IMLKB ........................................44.95

**Light Kit Bag (A4196)**
Item # IMLSB ..................................................79.95

**Light Stand Bag (LSB)**
The LSB is designed to carry light stands. A roomy internal pocket will hold umbrellas while two zippered pockets on the ends hold accessories. Carry it either by its detachable shoulder strap or the wraparound leather carrying handle.
Dimensions: Interior - 7" x 7" x 36" (18x18x91cm) Color: Black
Item # F6LSB .................................................................34.95

**Lightstand Bag (A4196)**
Made of polyester with vinyl coated backing. Weight: 3.31 lbs. (1.5kg)
Dimensions: 36 x 8.5 x 8.5” (92x21.6x21cm)
Item # IMLSB ..................................................79.95

**Light Kit Bag (A4235)**
Item # IMLKB ........................................44.95
The unique qualities that set Lightware Multi Format Cases apart from all other cases are revealed in the shell. The interior super structure of all Lightware Multi Format Cases is a special rigid inner shell that is lightweight, insulative shock absorbent and molded into a complete unibody shell. In other words, there are no joints to come apart. It’s made from high density expanded closed cell foam sandwiched between a high impact polymer skin. This creates a lighter case that you can depend on to protect your livelihood.

Lightware offers many convenient Multi Format sizes to accommodate all of your packing needs. Most of all the Multi Formats also come with an outside slash pocket to store your color cards, model releases, layouts or similar items. This specially designed pocket accepts the new Multi Z pocket, which is actually a mini briefcase with a removable mesh film bag. This comes in handy at airport x-ray security counters. Better yet, the lid of these cases, when open can be used as a handy clean work surface to load cameras or lay film backs on when working on location.

Just because they’re called Multi Format Camera Cases, doesn’t mean you are only allowed to carry camera equipment in these cases. Whether you need to fit a medium format and / or 35mm system, with packs heads, stands and umbrellas, Lightware has a Multi Format Case that will work for you.

You will find these cases great to carry a variety of smaller strobe equipment and flash heads. Also many of the 4x5 field cameras will fit nicely into these cases, as well as film, meters, film holders, lenses, and a myriad of other accessories.

The beauty of these cases is that they allow you to get organized and the more organized you are, the less chance there will be that you’ll end up in Timbuktu minus some essential piece of gear.

**Multi Format 1629 Case** (MF1629)
This is the largest version of the “shell” style cases. Pack in your strobes, heads umbrellas and stands and you’re set for a great day of location shooting. As with all of the MF series cases the dividers can be cut and arranged to fit a vast array of complete lighting systems. Pack in Travellers, Dyna-Lites, Profotos, Normans, Speedotron and probably most any other pack you might have. Add in some heads and cables, soft boxes and stands and discover just how much of a good system can be packed inside of one case. This case does not have an outside pocket, but you can add an optional shoulder strap at any time to help bear the load. The case is also designed so that its width can be wheeled through a standard commercial doorway.
Dimensions: Outside - 31"L x 17.5"W x 12"H (79x44x30cm)
Inside - 29"L x 15.5"W x 10"H (74x39x25cm)
Weight: 13.25 lbs. (6.0kg) (without dividers)
Item # LIMF1629 ................................................................. 389.95

**Multi Format 1623 Case** (MF1623)
The M F1623 case is to large to be carried on board, however it can be checked as baggage with confidence. The M F11623 has all the same wonderful features as the other Multi Format cases with the exception of an outside pocket. This size can handle Dyna-Lites, Comets, Balcars, Profotos, Speedotron 1205’s, White Lightning, Ultras, Sunpacks, LTM Peppers, Omni Lights, Normans and anything else that will fit into these dimensions.
Dimensions: Outside - 25”L x 18”W x 10”H (64x46x25cm)
Inside - 23”L x 15.5”W x 8”H (58x39x20cm)
Weight: 10.25 lbs. (4.6kg) (without dividers)
Item # LIMF1623 ................................................................. 335.95
**Lightware Power Kit Cases**

Lightware Power Kit cases have withstood the test of time and proven that their construction is hearty enough to withstand the toughest travel conditions without fail. These cases are built with an internal, super lightweight structure of GE Lexan. They are then covered with shock absorbent closed cell foam with padded hook and loop compatible tricot. This is all encapsulated in the standard shell of puncture and abrasion resistant ballistic fabric. The best thing about these cases is that they come with moveable dividers for greater case versatility in order to handle a variety of packing needs. Shorter dividers are available or with a little cutting and re-sewing, these dividers can also be shortened in height to allow stands, umbrellas or soft boxes to be packed into cases along with strobe heads, packs and accessories. The end result is a case with superior shock absorption, enough rigidity to bear a sizeable load of weight and a wall of Lexan to ward off the puncture demons.

**Power Kit 1200 (PK1200)**
- Packing suggestions: 2-Dyna-Lite M 1000R and 2-heads.
- Dimensions: Outside: 17”L x 10”W x 15”H (43x25x38cm)
  Inside: 14”L x 7”W x 12”H (36x18x30cm)
- Weight: 5.25 lbs. (2.4kg) (without divider)
- Item # LIPK1200.............254.95

**Power Kit 1400 (PK1400)**
- Packing suggestions: 1-Elinchrom 101, 202, 1500 or 3000 pack.
- Dimensions: Outside: 22.75”L x 10”W x 17.5”H (58x25x44cm)
  Inside: 19.75”L x 7”W x 14.5”H (50x18x37cm)
- Weight: 8 lbs. (3.6kg) (without divider)
- Item # LIPK1400.............289.95

**Power Kit 1600 (PK1600)**
- Packing suggestions: 2-Dyna-Lite M 1000R packs and 6-heads.
- Dimensions: Outside: 29.75”L x 10”W x 19”H (76x25x48cm)
  Inside: 26.75”L x 7”W x 16”H (68x18x41cm)
- Weight: 11 lbs. (5.0kg) (without divider)
- Item # LIPK1600.............339.95

**Power Kit 1800 (PK1800)**
- Packing suggestions: 1-Elinchrom 404 or 6000 and 1-head.
- Dimensions: Outside: 31.5”L x 10”W x 21”H (80x25x53cm)
  Inside: 28.5”L x 7”W x 18”H (72x18x46cm)
- Weight: 12 lbs. (5.4kg) (without divider)
- Item # LIPK1800.............384.95

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For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549
FOUR STROBE HEAD CASE

Four Strobe Head Case (T4444)
This case is designed specifically for four strobe heads, but can be used for an infinite range of goodies. It will fit four Speedotron 102 heads, a variety of the Travelite systems, or 4-5 White Lightnings, two Dyna-lite M2000R packs and 4 heads plus accessories, 4 Elinchrom T Heads, or even a Hasselblad projector and accessories.

Dimensions:
Outside: 31”L x 11”W x 18”H (79x28x46cm)
Inside: 28”L x 8.5”W x 15”H (71x21x38cm)
Weight: 11.25 lbs. (5.1kg)

Item # LIT4444 .......................... 344.95

SPEEDPACK CASE

SpeedPack Case (S1010)
Sized around the Speedotron 4803, this case will accommodate the Speedotron 812,1205, 2401B or 2403. Will also fit a Broncolor Pulso 2 or 4 power supply or two Bowens Monolights. Perhaps your 8x10 Deardorff with an 8x10 film holder needs a home or if you scuba dive, this can also work for an underwater housing.

Dimensions:
Outside: 17.5”L x 12”W x 19.25”H (44x30x49cm)
Inside: 14.5”L x 9”W x 16.25”H (36x23x41cm)
Weight: 7.5 lbs. (3.4kg)

Item # LIS1010 ......................... 255.95

STROBE HEAD CASE

Strobe Head Case (T3040)
As a strobe case the T3040 works for 3 larger flash heads such as Elinchroms, Speedotrons or Broncolors, or works for several small heads like 6 Comet CX series heads plus accessories, or 9 Norman flash heads.

Dimensions: Outside: 24.5”L x 11.5”W x 18”H (62x29x46cm)
Inside: 21.5”L x 8.5”W x 15”H (55x22x38cm)
Weight: 9.25 lbs. (4.2kg) (without divider)

Item # LIT3040 ................................ 269.95

CARGO CASES

Some equipment has a very special shape, so it needs a special case. That’s why Lightware makes Cargo Cases. These extra light, super strong cases have pliable .5” Duralight foam at their core. What a wonderful way to lighten up all your location work. Cargo Cases are made to carry all sorts of equipment that’s not particularly delicate. Good for your light stands, your tripods, your booms, umbrellas and power cables. Toss in some portable light-banks, head extension cables, clips, tape and diffusion materials. Add some tools, black velvet, a little air, grids, barn doors, gels and reflectors. If you want to carry flash heads or smaller strobe power supplies in a Cargo Case, first pack them inside a Head Pouch, then slip them inside the Cargo. Because the Cargo Cases and Head Pouches are designed to work together, use them both to protect all your less durable items. Also remember to remove reflectors from flash heads. Reflectors that get dented while attached to heads can be next to impossible to remove. Instead, add extra foam into the tube cover to keep flash tubes secure. And now to ease your load, the 52”, 42” and 32” Cargo Case sizes now come with convenient end handles.

24” Cargo Case (C6024)
Dimensions:
Outside: 24”L x 12”W x 12”H (61x30x30cm)
Inside: 23.5”L x 11”W x 11”H (60x28x28cm)
Weight: 3.5 lbs. (1.6kg)

Item # LIC6024 ......................... 134.95

32” Cargo Case (C6032)
Dimensions:
Outside: 32”L x 12”W x 12”H (81x30x30cm)
Inside: 31.5”L x 11”W x 11”H (80x28x28cm)
Weight: 4.5 lbs. (2.0kg)

Item # LIC6032 ......................... 154.95

42” Cargo Case (C6042)
Dimensions:
Outside: 42”L x 12”W x 12”H (107x30x30cm)
Inside: 40.5”L x 11”W x 11”H (103x28x28cm)
Weight: 5.0 lbs. (2.3kg)

Item # LIC6042 ......................... 184.95

52” Cargo Case (C6052)
Dimensions:
Outside: 52”L x 12”W x 12”H (132x30x30cm)
Inside: 48.5”L x 11”W x 11”H (123x28x28cm)
Weight: 6.3 lbs. (2.9kg)

Item # LIC6052 ......................... 224.95
CARGO CASES/HEAD POUCHES

**LIGHTWARE**

**MISCELLANEOUS**

**788**

**PHOTO - VIDEO - PRO AUDIO**

Equipment Leasing Available

**ROLLING CARGO CASE**

The new version of the rolling cargo is made with rigid interior structure housed in a standard black ballistic padded fabric. It has a flip lid top for quick accessibility and it comes with in-line skate wheels nested in a protective molded ABS kick plate. You’ll find two quick release buckles on the lid of the case for quick closures for those times when you need to wheel the case from location spot to spot. There is an ergonomic molded end handle to wheel the case along as well as a handle on the side for instances when you need to carry the case. Both are bolted through the superstructure of the case so they will not pull out of the fabric. The interior lid has two sleeved compartments for soft boxes or umbrellas. Numerous dividers and pull out pockets come with the case to help organize your equipment efficiently. This airline checkable case is excellent for stands, lighting kits and accessories all in one case.

**HEAD POUCHES**

The practical Head Pouches are designed to be used inside the Cargo Cases and View Camera Cases. They can be hand carried or worn over the shoulder if fitted with a Lightware shoulder strap. Just like the Cargo Cases, head Pouches are made from .5” Duralight closed cell foam. Using your creative powers, you can find many uses for these lightweight and versatile pouches.

**FLIP LID CARGO CASES**

These are terrific cases for those who want to carry only a few stands, soft boxes, umbrellas or a tripod. They’re made like the Cargo Cases with a .5” Duralight construction, but instead of a center zipper, they have a three sided perimeter zipper creating the flip lid. When unzipped, this unique flip lid will stay open so you can easily load and unload your gear without the lid getting in the way, and their trim girth is much easier to handle. The longer cases can accommodate most longer stands, background poles, Bogen boom arms and tripods. So load them up and flip up those lids.

**ROLLING CARGO CASE**

**Rolling Cargo Case (RC1032)**
- Dimensions: Outside: 39.25’’L x 15’’W x 13.5’’H (100x38x34cm)
- Inside: 36.25’’L x 12.25’’W x 10.25’’H (92x30x26cm)
- Weight: 23 lbs. (10.4kg)
- Item #: LIRC1032
- Price: $479.95

**Rolling Cargo Case (RC1038)**
- Dimensions: Outside: 40.75’’L x 10.5’’W x 9.25’’H (104x27x23cm)
- Inside: 38.75’’L x 10 to 7’’W x 8.5’’H (98x25 to 18x22cm)
- Weight: 9 lbs. (4.1kg)
- Item #: LIRC1038
- Price: $243.50

**Rolling Cargo Case (RC1042)**
- Dimensions: Outside: 48.75’’L x 15’’W x 13.5’’H (124x38x34cm)
- Inside: 45’’L x 12’’W x 10.25’’H (114x30x26cm)
- Weight: 24 lbs. (10.9kg)
- Item #: LIRC1042
- Price: $499.95

**FLIP LID CARGO CASES**

**Flip Lid 38 Cargo Case (C6037)**
- Dimensions: Outside: 39 ’’L x 9’’W x 8.5’’H (99x23x21cm)
- Inside: 38’’L x 8’’W x 7.5’’H (95x20x19cm)
- Weight: 3.5 lbs. (1.6kg)
- Item #: LIC6037
- Price: $170.95

**Flip Lid 50 Cargo Case (C6050)**
- Dimensions: Outside: 51’’L x 9’’W x 8.5’’H (129x23x21cm)
- Inside: 50’’L x 8’’W x 7.5’’H (127x23x19cm)
- Weight: 4.5 lbs. (2.0kg)
- Item #: LIC6050
- Price: $195.95

**Flip Lid 62 Cargo Case (C6062)**
- Dimensions: Outside: 63’’L x 9’’W x 8.5’’H (160x23x21cm)
- Inside: 62’’L x 8’’W x 7.5’’H (157x23x19cm)
- Weight: 5.75 lbs. (2.6kg)
- Item #: LIC6062
- Price: $239.95

**Flip Lid 62 Cargo**

**Large Head Pouch (H7010)**
- A great way to carry smaller flash heads, film holders, CC filters or 4x5 lenses.
- Dimensions: Outside: 10’’L x 6’’W x 6’’H (25x15x15cm)
- Inside: 9’’L x 5’’W x 5’’H (23x13x13cm)
- Weight: 7.5 lbs. (3.4kg)
- Item #: LIH7010
- Price: $62.95

**Large Head Pouch (H7020)**
- Will fit larger flash heads like Speedotron, Broncolor, Elinchrom or smaller sized strobe units. Great for film holders and 4x5 lenses too.
- Dimensions: Outside: 14’’L x 8’’W x 8’’H (36x20x20cm)
- Inside: 12.5’’L x 7’’W x 7’’H (32x18x18cm)
- Weight: 7.5 lbs. (3.4kg)
- Item #: LIH7020
- Price: $74.95
Soft side cases are designed to carry your equipment around in the luxury of an extra lightweight case. They are great for the photographer who doesn’t necessarily need the protection of Lightware’s standard cases and generally either carries equipment on board the airplane or just travels “around town.” Made from .5” Duralight their unique design allows you to unzip the case to lie completely flat so that you can use it as a clean work surface or fold it flat for compact storage. They can be neatly organized with a few Tupperware or Rubbermaid containers.

**Deluxe Soft Side Kit Case (Z5060)**
This case is unique in that it comes with three soft dividers to separate packs and heads, as well as a shelf divider to lay umbrellas and stands on top. Perfect for 2-Dyna-Lite M 1000R packs, 3-heads, and accessories of similar systems.

- **Dimensions:**
  - Outside: 32” L x 8” W x 13” H (81x20x33cm)
  - Inside: 31” L x 7” W x 12” H (79x18x30cm)
- **Weight:** 6 lbs. (2.7kg)
- **Item # LIZ5060** ............. **214.95**

**Uni Kit Case (Z5200)**
Much like the Deluxe Soft Side Case, the Uni Kit comes with two soft dividers to separate packs and heads, as well as a shelf divider to lay umbrellas and stands on top. The Dyna-Lite Uni Flash Kit fits like a glove as well as any similar flash system consisting of a small pack, 2-3 heads and accessories. It makes a great compact case for your car.

- **Dimensions:**
  - Outside: 23” L x 8.5” W x 15.5” H (58x22x39cm)
  - Inside: 22” L x 8” W x 14.5” H (56x18x37cm)
- **Weight:** 3.5 lbs. (1.6kg)
- **Item # LIZ5200** ............. **159.95**

**SpeedPack Soft Side Case (Z5010)**

- **Dimensions:**
  - Outside: 16” L x 10” W x 15.5” H (41x25x39cm)
  - Inside: 15” L x 9” W x 14.5” H (38x23x37cm)
- **Weight:** 3.0 lbs. (1.4kg)
- **Item # LIZ5010** ............. **119.95**

**Mid Size Soft Side Case (Z5020)**

- **Dimensions:**
  - Outside: 18” L x 8” W x 11.5” H (46x20x29cm)
  - Inside: 17” L x 7” W x 10.5” H (43x18x27cm)
- **Weight:** 2.5 lbs. (1.1kg)
- **Item # LIZ5020** ............. **119.95**

**Compack Soft Side Case (Z5030)**

- **Dimensions:**
  - Outside: 15” L x 9.5” W x 11.5” H (38x24x29cm)
  - Inside: 14” L x 8.5” W x 10.5” H (36x22x27cm)
- **Weight:** 2.0 lbs. (0.9kg)
- **Item # LIZ5030** ............. **119.95**

**Stand Sock (LIC6038)**

Stuff those stands in this soft padded sock to keep them from getting dinged or scratched. Will fit up to 37” stand (collapsed).

- **Dimensions:**
  - Outside: 38” L x 5.75” W x .5” H (96x15x1.3cm)
- **Weight:** 0.3 oz. (8.5g)
- **Item # LIC6038** ............. **24.95**

**LIGHTING Q&A**

Should my photographic equipment be insured?

Yes! A robbery could put you out of business. It’s worth the cost of insurance to have the protection of money for replacement.

Tamrac LightSpeed cases provide excellent protection and quick access for complete lighting systems including light heads, light stands, umbrellas, cables and associated gear. The tough, adjustable dividers have a unique hinged top to allow custom space adjustment for longer items like stands and umbrellas. Constructed of tough ballistic nylon and padded with closed-cell foam and high-density plastic armor, these cases take the worry and much of the hassle out of transporting lighting equipment. In-line skate wheels on one end allow the LightSpeed cases to be rolled instead of carried and provide a new level of mobility and convenience to location photography. Meets ATA specifications.

683 LightSpeed 3 (683B)
Model 683 is designed to hold three large light heads, small light stands, and other equipment in armored, foam padded protection. The two internal dividers are plastic reinforced, foam padded velcro adjusting with a hinged divider top to transport light stands up to 28” long. A full coverage zipper flap prevents zipper damage while in transit and reinforced edges add further protection against wear and tear. Inside the lid are two windowpane-mesh pockets for quick access to accessories. The double webbed handles with leather wrap are provided for carrying comfort and there are convenient carry handles on each end of the case. In-line skate wheels on one end allow the LightSpeed cases to be rolled instead of carried and provide a new level of mobility and convenience to location photography. Meets ATA specifications.

Dimensions:
- Internal - 28”W x 8½”D x 13½”H (71x20x33cm)
- External - 32½”W x 12”D x 17¼”H (81x30x43cm)

Color: Black
Weight: 17 lbs. 6 oz. (7.9kg)
Item # TA683B .................. 312.50

684 LightSpeed 4 (684B)
This larger version will accommodate up to 4 large light heads, light stands and other equipment. The three internal dividers also come with a hinged divider top to transport light stands up to 34” long. The bottom, sides and top are foam padded and reinforced with tough, high-density plastic armor for extra protection. The full coverage zipper flap prevents zipper damage to the double pull, heavy-duty, self-healing nylon coil zippers. Inside the lid are two windowpane-mesh pockets for accessory needs. The double webbed handles with leather wrap are provided for carrying comfort and there are convenient carry handles on each end of the case. In-line skate wheels on one end allow the LightSpeed 4 cases to be rolled instead of carried and provide a new level of mobility and convenience to location photography. Meets ATA specifications.

Dimensions:
- Internal - 34”W x 8¾”D x 14¾”H (86x20x36cm)
- External - 38”W x 12”D x 18”H (97x30x46cm)

Color: Black
Weight: 20 lbs. (9.0kg)
Item # TA684B .................. 349.95

CARRYING CASE

328 Professional Location Bag (328B)
This professional light stand and tripod carrying system is foam padded and has internal cordura pockets to keep the equipment organized.

Dimensions:
- Internal - 9”H x 8”D x 46”L (23x20x117cm)
- External - 9”H x 8”D x 47”L (23x20x119cm)

Color: Black
Weight: 3 lbs. 12 oz. (1.4kg)
Item # TA328B .................................................. 97.50
ROLLING STUDIOS

Put your studio on wheels and take it with you in Tamrac's Rolling Studios. Light stands, tripods, umbrellas, strobe or tungsten light heads and power packs are stowed safely in the foam-padded, plastic armored and partitioned main compartment. Inside the top are two windowpane-mesh pockets for quick access to sync cords and other small accessories. Outside, a large zippered pocket in the dome-shaped top provides convenient storage for A/C extension power cords, extension strobe cables, small fabric light boxes and other accessories.

Constructed of ballistic nylon (also used in bullet proof vests), the Rolling Studios are designed like a fine luggage duffle except the bottom and sides are foam padded and reinforced with tough, high-density plastic armor. The bottoms are protected with plastic skids. The internal partitions are also plastic reinforced, foam padded, and velcro adjusting.

The Rolling Studios roll smoothly on ball bearing in-line skate wheels improving location mobility while decreasing the burden on the photographer's assistant. The partitioned interior increases productivity because it is easy to pack and unpack quickly, keeps equipment protected and organized while on the move and yet has all of the loading and portability advantages of soft luggage. Rolling Studios are a complete integrated solution when compared to stacking and balancing boxes and bags on a wheeled cart. They also look like luggage and make an excellent presentation to the client.

660 Rolling Studio (660B)
The Rolling Studio duffle is ideal for the mobile photographer who wants to take a tripod, a few lights, stands, umbrellas and a power pack. It is small enough to be very manageable yet large enough to accommodate tripods and stands up to 29” long. The handle telescopes inside the skids that protect the bottom of the duffle. This is the perfect system for traveling light and fast without compromising on equipment, organization or protection.

Dimensions:
Internal - 29” W x 16” D x 9” H
(74x41x23cm)
External - 32½” W x 19½” D x 14½” H
(81x48x36cm)
Color: Black
Weight: 19 lbs. 6 oz. (8.9kg)
Item #TA660B...................378.95

661 Medium Rolling Studio (661B)
When transporting just the right amount of equipment, the Medium Rolling Studio is ideal. Accommodating stands and professional tripods up to 35” long, Model 661 is still large enough to carry two power packs, multiple lights, umbrellas and a full complement of accessories. At 35” long, it does not need a telescoping handle. This armored duffle rolls smoothly on ball bearing in-line skate wheels and rests on skids that protect the bottom. This is the perfect system for traveling light and fast without compromising on equipment, organization or protection.

Dimensions:
Internal - 35” W x 16” D x 8½” H
(89x41x20cm)
External - 39” W x 18¼” D x 14¼” H
(99x46x36cm)
Color: Black
Weight: 20 lbs. 8 oz. (9.4kg)
Item #TA661B...................404.95

662 Super Rolling Studio (662B)
When you need to take a lot of equipment, the Super Rolling Studio is the answer. This armored duffle will accommodate stands and tripods up to 43” in length along with multiple power packs. One Super Rolling Studio should meet the needs for most location shoots and multiple Rolling Studios can meet just about any requirement while keeping equipment safe, portable and organized. At 43” in length, the handle does not need to telescope and it rolls smoothly on ball bearing in-line skate wheels.

The Super Rolling Studio offers compact mobility, protection and organization in a well designed carrying system to address real needs on difficult location assignments.

Dimensions: Internal - 43” W x 18” D x 8½” H (109x46x20cm)
External - 45½” W x 20½” D x 14½” H (114x51x36cm)
Color: Black
Weight: 24 lbs. 8 oz. (11.2kg)
Item #TA662B..........................456.95
PADDED ARMORED TRI PAKS

The easiest way to carry tripods, gear and umbrellas in one large, shippable container. Three zippers for a sturdy hexagon that unzips to form an upright studio wall. PATS have basic Tenba SuperSafe construction with sturdy plywood boards on either end. Popular with news crews since 1986. Long straps sling over your back for maneuvering through crowded places.

**PAT 50 (634501)**
Holds boomstands and bigger lightstands and C stands. For video; holds two KG lights. Holds 4 light stands or umbrellas in individual sleeves and a tripod along with 2 extra pockets for small clamps and accessories plus, a wide band of webbing to attach small clips. Opens with three zippers so it lies flat plus, it has webbing sleeves so it can be suspended from an autopole to organize your studio when on location.

Dimensions:
- Unfolded: 44” L x 50” H (112x127cm)
- Folded: 14” L x 50” H x 14” D (36x127x36cm)
- Weight: 11.8 lbs. (5.4kg)

Item # TEPAT 50..................282.95

**PAT (634504)**
The PAT has the same features as PAT 50 but it is 8” shorter. Holds 4 light stands or umbrellas in individual sleeves and a tripod along with 2 extra pockets for small clamps and accessories plus a wide band of webbing to attach small clips. The PAT opens with three zippers so it lies flat plus, it has webbing sleeves so it can be suspended from an autopole to organize your studio when on location.

Dimensions:
- Unfolded: 44” L x 42” H (112x107cm)
- Folded: 14” L x 42” H x 14” D (36x107x36cm)
- Weight: 10.0 lbs. (4.5kg)

Item # TEPAT ..................252.95

CAR CASES

Organize and protect your lighting gear with a Car Case. ideal for transporting equipment by car. Just as easy to carry as an air Case but more affordable, plus a lighter construction. A three tier sandwich construction composed of an outer shell of tough ballistic nylon, a lightweight sheet of air channel polyethylene to disburse shock and a 1/4” thick, closed cell, cross-linked, 2lb density enbazoate foam to absorb shock. Lined with smooth 400 Denier nylon pack cloth for a smooth appearance and to further protect the foam from wear and tear of sharp contents.

**CC22 (634502)**
Holds 22” reflectors, flexfills, muslin.
Dimensions: 22”L x 22”H x 8” D (56x56x20cm)
Weight: 3.5 lbs. (1.6kg)

Item # TECC22........................185.95

**CC14 (634404)**
Holds Broncolor Pulso Pack.
Dimensions: 14”L x 10½” H x 8½” D (36x27x22cm)
Weight: 3.0 lbs. (1.4kg)

Item # TECC14....................103.95

**CC28 (634401)**
Holds 2 Dynalite Packs and 3 to 4 heads or Norman 1212 or 3 Speedotron heads or 3 Elinchrom 1000 or 2 Powerlights, stands & umbrellas, 3 moveable dividers.
Dimensions: 28”L x 14”H x 9” D (71x36x23cm)
Weight: 7 lbs. (3.1kg)

Item # TECC28 ..................237.95

**CC15 (634403)**
Holds Speedotron Pack or 15” flat monitor.
Dimensions: 15½”L x 14½” H x 9” D (40x37x23cm)
Weight: 4.0 lbs. (1.8kg)

Item # TECC15 ..................118.95

**CC17 (634402)**
Holds two Profoto Compacts or Powerlights and reflectors. One moveable divider.
Dimensions: 17”L x 17”H x 8” D (43x43x20cm)
Weight: 4.4 lbs. (2.0kg)

Item # TECC17 ..................133.95
PADDED PAKS

PP9 (634506)
Holds grids, heads, Dynalite, Monolight, filters & 4x5 film holders.
Dimensions: 9" L x 9" H x 5" D (23x23x13cm)
Weight: 7oz. (198g)
Item # TEPP9 .......................................................... 42.95

AIR CASES TOP LOADING

System 1 (634303)
1 long moveable divider, 2-small moveable dividers, 6" long. Light stands and umbrellas fit into the long section. Power pack and heads fit into the three small sections.
Dimensions: Outside: 33½"L x 13½"H x 12½"D
Inside: 30½"L x 11"H x 10"D
Weight: 11.0 lbs. (5.0kg)
Item # TES1 .......................................................... 386.95

AC Head 3 (634302)
Holds complete lighting kit; 3-large Speedotron heads, 3-light stands, 2-umbrellas, plus cables, reflectors etc. Has 2 moveable dividers 12" high.
Dimensions: Outside: 30½"L x 16½"H x 10½"D (78x42x27cm)
Inside: 28½"L x 14"H x 8"D (71x36x20cm)
Weight: 12.4 lbs. (5.6kg)
Item # TEH3 .......................................................... 341.95

AC Head 4 (634304)
Holds complete lighting kit; 4-large Speedotron heads, 3-lightstands, 2-umbrellas, plus cables, and reflectors. Has 2 removable dividers 12" high.
Dimensions: Outside: 37½"L x 16½"H x 10½"D (96x42x27cm)
Inside: 35½"L x 14"H x 8"D (89x36x20cm)
Weight: 15.0 lbs. (6.8kg)
Item # TEH4 .......................................................... 386.95

AIR CASE ATTACHE

1001 Multi (634201)
Holds up to 3 Dynalite 1000 packs with 3 heads or monolights. Also a Hasselblad projector.
Dimensions: Outside: 24½"L x 10½"H x 17½"D (62x27x45cm)
Inside: 22½"L x 8½"H x 15½"D (56x20x38cm)
Weight: 11.0 lbs. (5.0kg)
Item # TEM .......................................................... 356.95

ACW Multi W (634107)
Fits small packs, heads and monolights. Velcro attached dividers let you custom fit your equipment.
Dimensions: Inside: 22½"L x 8½"H x 15½"D (56x20x38cm)
Weight: 18.0 lbs. (8.1kg)
Item # TEM W ...................................................... 449.95

ACW Air Max 2000 (634105)
Tenba has created new Air Cases to meet the new stringent airline carry-on size regulations. Comes with built-in carry-on size regulations, built-in wheels and a sturdy, retractable handle.
Dimensions: Inside: 18½"L x 10½"H x 5½"D (47x27x13cm)
Weight: 13.0 lbs. (5.9kg)
Item # TE1106 ..................................................... 475.95

AIR CASE WHEELIES

Rugged and built to last; ski plates on the bottom protect Air Case Wheelies over stairs • Ball bearing wheels • Retractable handles • Rubber cushioned handgrip

A shipping case and hand truck built in one!

ACW Head3 W (634101)
Designed specifically for wedding and family photographers. Will hold two Photogenic power packs and two heads or 3 monolights, plus all your stands and umbrellas in one neat package.
Dimensions: Inside: 28"L x 18½"H x 8½"D (71x46x20cm)
Weight: 18.0 lbs. (8.2kg)
Item # TEH3 ...................................................... 490.95

ACW Head4 W (634102)
Head 4 with wheels and handle
Dimensions: Inside: 35½"L x 14½"H x 8½"D (89x36x38cm)
Weight: 15.0 lbs. (6.8kg)
Item # TEH4 ...................................................... 534.95

1001 Multi (634201)
Holds up to 3 Dynalite 1000 packs with 3 heads or monolights. Also a Hasselblad projector.
Dimensions: Outside: 24½"L x 10½"H x 17½"D (62x27x45cm)
Inside: 22½"L x 8½"H x 15½"D (56x20x38cm)
Weight: 11.0 lbs. (5.0kg)
Item # TEM .......................................................... 356.95

ACW Multi W (634107)
Fits small packs, heads and monolights. Velcro attached dividers let you custom fit your equipment.
Dimensions: Inside: 22½"L x 8½"H x 15½"D (56x20x38cm)
Weight: 18.0 lbs. (8.1kg)
Item # TEM W ...................................................... 449.95

ACW Air Max 2000 (634105)
Tenba has created new Air Cases to meet the new stringent airline carry-on size regulations. Comes with built-in carry-on size regulations, built-in wheels and a sturdy, retractable handle.
Dimensions: Inside: 18½"L x 10½"H x 5½"D (47x27x13cm)
Weight: 13.0 lbs. (5.9kg)
Item # TE1106 ..................................................... 475.95
### GENERAL BRAND LAMPS

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**Corporate Accounts Welcome**

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GENERAL BRAND

MISCELLANEOUS

LAMPS
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GB-FNEFG ..............................9.95
GB-FNFFG ..............................9.95
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GB-FTD ...................................2.95
GB-FTDFG ...............................3.50
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GB-FTEFG ...............................3.50
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GB-FTFFG................................3.50
GB-FTH ...................................2.95
GB-FTHFG ...............................3.50
GB-FTK..................................21.00
GB-FVL..................................19.95
GB-FVM ................................19.95
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ITEM #

Price

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GB-GDA ...............................18.89
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795


SKY TRACK SYSTEM

Ideal for all photo and video studios where the floor needs to be kept totally clear of power cables and lighting stands. The Sky Track System permits rapid maneuver and setting of large lights with awkwardly sized accessories like soft boxes. It solves positioning problems even on complex sets or in studios of the most unusual dimensions, and offers considerable advantages and ease of use compared to traditional floor stands. Manfrotto Sky Track System has a broad range of accessories to adapt your space to the ideal studio and to provide perfect compatibility with all types of lights, whether photographic, video or film. The Sky Track System is a comprehensive range of lighting suspension for all situations from small studios to the largest ones. The Manfrotto line includes the versatile ceiling mounted rails, manual and motorized pantographs, and a wide range of brackets and supports.

RAILS

(9.8’) (3m) Rail  Black Anodized (FF6003B)  Item # BOFF6003B ...........109.95
(16.4’) (5m) Rail  Black Anodized (FF6005B)  Item # BOFF6005B ...........174.95

RAIL ATTACHMENTS

Bracket for Ceiling Attachment (FF3210)
Bracket for ceiling attachment of the rail. Pre-assemble these brackets onto the rails at ground level to ensure correct alignment before fastening to ceiling.
Item # BOFF3210 ............... 8.50

Double Bracket for Rail Crossings (FF3211)
To attach two rails parallel or at a right angle.
Item # BOFF3211 ............... 16.95

“L” Shaped Angle Bracket (FF3212)
Bracket for wall attachment of the rail.
Item # BOFF3212 ............... 15.95

Adjustable Bracket for Irregular Ceilings (FF3215)
Allows height differences in ceilings of maximum 0.8” (2cm); combining two brackets can compensate for differences of maximum 1.6” (4cm).
Item # BOFF3215 ............... 29.95

Ceiling Bracket with 11¾” (30cm) Extension (FF3216)
Item # BOFF3216 ............... 29.95

Ceiling Bracket with 19½” (50cm) Extension (FF3218)
Item # BOFF3218 ............... 34.95

Ceiling Bracket with 39¾” (100cm) Extension (FF3220)
Used alone or in combination these brackets allow the attachment of the rails at the desired height.
Item # BOFF3220 ............... 46.95

Bracket for Tube Attachment (FF3214)
Can be fastened to tubes with outside diameters from 1⅜ to 2”. Rails can be attached parallel or in a right angle to the pipe.
Item # BOFF3214 ............... 21.95

Bracket with Threaded Rod for Ceiling Attachment (FF3214A)
For M12 threaded rods with a diameter of 1/2”. Cut the threaded rod or bolt to the required length before final assembly. Secure the bracket between 2 nuts. Allow the rod to protrude into the bracket about 3/8” for levelling after the installation is completed.
Item # BOFF3214A ............... 16.95

Rail Mounting Kit with M12 Threaded Rod (FF3214B)
The kit includes the ceiling bracket and rail bracket with clamps, a 36” long M12 threaded rod and 4 M12 nuts.
Item # BOFF3214B ............... 39.95
SKY TRACK SYSTEM

RAIL ATTACHMENTS

Extension Brackets for Various Heights (FF3215A)
Its length is adjustable from 4 to 6". Using the clamp screw, you can obtain all intermediate sizes. Provided with a security lock, in case the regulating screw loosens, blocks the bracket at maximum extension. It’s used to compensate for height differences in ceilings of 2.2’ or more, with combinations of other brackets. It’s also used for obtaining intermediate sizes in combination with the extendable ceiling brackets.
Item # BOFF3215A ................................................. 44.95

Kit of 4 End Stops with 4 Cable Carriages (FF3207)
These attach to the holes on the ends of the rail to prevent carriages leaving the rail and to prevent moving rails leaving their carriages.
IMPORTANT: Must be installed in upper and lower holes on moving rails but only to lower holes on fixed rails.
Item # BOFF3207 ................................................. 9.95

Alignment Connectors for Fixed Rails (FF3208)
A pair of damp plates with screws to join two fixed rails together by clamping across the junction on the upper guide, using holes provided in the rail.
IMPORTANT: the junction must always be supported by a rail-mounting bracket placed astride the joint.
Item # BOFF3208 ................................................. 7.95

CARRIAGES

Detachable Carriage with 5/8” Spigot (FF3228)
This carriage can be inserted directly at any point on the rail by unscrewing the wheel plate. This is used when it is necessary to add a supplementary carriage to an already assembled Rail System installation. It is suitable for up to 110 lbs. (50kg).
Item # BOFF3228 ................................................. 39.95

Carriage with 5/8” Spigot (FF3230)
It is a free-sliding carriage. It is suitable for up to 130 lbs. (60kg).
Item # BOFF3230 ................................................. 26.95

Motorized Carriage with 5/8” Spigot (FF3340)
Powered with a 24 Vdc motor. Electronic power supply code FF3288M/FF3286M required.
Item # BOFF3340 ................................................. 154.95

Carriage with Brake and 5/8” Spigot (FF3229)
Brake to avoid unintended movements after placed into position. It is suitable for up to 130 lbs. (60kg).
To release brake pull down on handle with operating pole.
Item # BOFF3229 ................................................. 38.95

Motorized Head (FF3450)
Motorized head with 2 motors for the rotation of a small bank, flash or television camera. Has a 16mm spigot on both sides. It can be positioned between a pantograph and utilization or it can also be mounted onto a stand. It allows a combined rotation of 360° on axis X and 110° on axis Y. It is powered by two 24 Vdc motors that must be fed and operated by an electronic power supply FF3288M/FF3286M; One motor powers the rotation on axis X and the other on axis Y.
Item # BOFF3450 ................................................. 464.95

Double Carriage with One Brake (FF3236)
Brake on one carriage. Normally, the carriage with brakes goes onto the fixed rail to avoid unintended movements along the fixed rail but enabling the moveable rail to slide. In case the carriage with brake is mounted onto the moveable rail, the opposite effect will be achieved. Suitable for loads up to 220 lbs. (100kg).
Item # BOFF3236 ................................................. 54.95
CARRIAGES

Double Carriage with Two Brakes (FF3235)
Brakes on both carriages to avoid unintended movements after placed in position. The upper brake locks the carriage on the fixed rail, while the lower carriage’s brake blocks the moving rail. Suitable for up to 220 lbs. (100kg).
Item # BO FF3235 ............................................................... 59.95

Double Carriage (FF3232)
Upper & lower carriage are free-sliding. For loads up to 220 lbs. (100kg).
Item # BO FF3232 ............................................................... 49.95

Motorized Double Carriage (FF3350)
The upper carriage is powered by a 24 Vdc motor. Electronic power supply FF3288/FF3286M are required. The lower carriage with brake to lock moveable rail. Suitable for loads up to 220 lbs. (100kg).
Item # BO FF3350 ............................................................... 189.95

Double Carriage with Extra Height (FF3325)
It is used together with the motorized carriage FF3350. The upper carriage is as high as the motorized carriage. Upper and lower carriage are free-sliding. For loads up to 220 lbs. (100kg).
Item # BO FF3325 ............................................................... 74.95

FIXED SUPPORTS

Bracket for Rails with 5/8” Female Attachment (FF3221)
5/8” Socket for mounting lights or accessories with 5/8” male attachments onto rails.
Item # BO FF3221 ............................................................... 24.95

Bracket for Rails with 5/8” Spigot (FF3222)
5/8” Spigot for mounting lights or accessories with 16mm female attachment onto rails.
Item # BO FF3222 ............................................................... 19.95

2 Supports with Tripple Background Hooks (FF3224)
Can be attached onto the rails in order to have the backgrounds in a fixed position. For movable backgrounds, mount the supports onto carriages. FF3321 required.
Item # BO FF3224 ............................................................... 64.95

CABLE CARRIAGES

Kit of Five Cable Carriages with Ball Bearing (FF3226C)
These carriages are suitable for single, flexible, heavy cables.
Item # BO FF3226C ............................................................... 31.95

Kit of 5 Cable Carriages (FF3226)
These are inserted from the end of the rail. They do not need wheels as they slide along the rail and are suitable for single, flexible cables.
Item # BO FF3226 ............................................................... 14.95

Kit of Five Dismountable Cable Carriages (FF3226S)
By slightly opening them, they can be inserted at any point on the rail. They are suitable for light weight cables.
Item # BO FF3226S ............................................................. 23.95
ACCESSORIES AND ADAPTERS

**Spigot Adapter 5/8˝ Female - 1¼˝ Female (FF3257)**
- It has a 5/8˝ female attachment on one side and a 1¼˝ female attachment on the other. It is used to attach accessories with 1¼˝ spigot to the Rail System. For loads up to 220 lbs. (100kg)
- Item # BOFF3257 ................. 64.95

**Spigot Adapter 5/8˝ - 1¼˝ (FF3260)**
- This adapter has a 5/8˝ spigot on one side and a 1¼˝ female attachment on the other. It is used to connect accessories with 1¼˝ spigot to the Rail System. It comes with safety pins. For loads up to 175 lbs. (80kg)
- Item # BOFF3260 .................. 56.95

**Female Adapter (158)**
- Both sides have a 5/8˝ female attachment. Used to connect two units with 5/8˝ spigot, or obtain a 5/8˝ female attachment from 5/8˝ spigot. For loads up to 175 lbs. (80kg)
- Item # BO158 ..................... 16.95

**Power Supply Cable (FF3278)**
- Three pole 49˝ (15m) AWG 12 cable.
- Item # BO3278 ..................... 39.95

PANTOGRAPHs

The Pantograph is made of aluminum and manufactured according to DIN 15560-46. The attachments at both ends of the pantograph are 5/8˝, male on the bottom and female on the top. The load is supported by a steel cable of 6.5˝ (2m) diameter (safety factor 12). Loads up to 26 lbs. (12kg) can be suspended using only the patented friction device, while loads up to a maximum of 40 lbs. (18kg) require the use of the optional springs. The pantograph can be adjusted to keep suspended loads from 2 lbs. to 40 lbs. perfectly balanced. By turning the colored notched ring you can adjust the pantograph’s friction; this will ensure that the load remains stable when set in position, but that it will move smoothly up and down when necessary. It is advisable to use springs to aid raising the pantograph.

When choosing the additional spring(s) for your pantograph, you will first need to know exactly which model of pantograph you have, in order that you can select the spring of the correct length. If you have the new compact pantograph (with grey-painted “scissors”), the TOP 2 version has a red notched ring, while the TOP 4 version has a blue notched ring. After having identified the length of the pantograph, choose the appropriate spring(s) by referring to the table below.

<table>
<thead>
<tr>
<th>Pantograph Top 4C (FF3514N86)</th>
<th>Item # BOFF3514N86</th>
<th>433.95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pantograph Top 2C (FF3512N86)</td>
<td>Item # BOFF3512N86</td>
<td>278.50</td>
</tr>
</tbody>
</table>

**Balance Adjustment Bracket (FF3261)**
- It has 5/8˝ female attachment, to be fitted between pantograph and unbalanced lighting fixtures or other appliances. Easy adjustment, by means of a single lever, allows the pantographs to work properly.
- Item # BOFF3261 ................. 54.95

**Bracket for Multiple Mounting (FF3262)**
- Has seven 5/8˝ spigot and can be mounted either in a horizontal or vertical position to pantograph or extensions. Can carry up to six appliances.
- Item # BOFF3262 ................. 59.95

**Universal Support for Flash Generators and Ballast (FF3265)**
- Maximum width is 20” (52cm) and maximum height is 8”. A 5/8˝ spigot mounted on the bracket allows fitting to Rail System.
- Item # BOFF3265 ................. 79.50

<table>
<thead>
<tr>
<th>Spring Type</th>
<th>Counter Balanced Weight</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without Spring</td>
<td>From 0 lbs. to 8.8 lbs.</td>
<td>Counters a</td>
</tr>
<tr>
<td>Type 4</td>
<td>From 6.6 lbs. to 17.6 lbs.</td>
<td>Counters a</td>
</tr>
<tr>
<td>Type 4 + Type 4</td>
<td>From 17.6 lbs. to 39.9 lbs.</td>
<td>Counters a</td>
</tr>
<tr>
<td>Type 12</td>
<td>From 19.8 lbs. to 35.2 lbs.</td>
<td>Counters a</td>
</tr>
<tr>
<td>Type 4 + Type 12</td>
<td>From 28.7 lbs. to 39.7 lbs.</td>
<td>Counters a</td>
</tr>
</tbody>
</table>
TOP TWIST AND TOP TWIST S KITS

Large lighting banks can be hung from the ceiling and maneuvered using the Top Twist, thanks to its combination of tracks/rails, carriages and remote controlled motor groups.

**Top Twist Kit**
- Includes:
  - 2- Rails 9'10" (3m) Long
  - 1- Rail 8'10" Long
  - 1- Rotation kit composed of complete 360° rotation plate, rail spacers and string complete with handgrips
  - 8- Endstops
  - 1- Motor group complete with sliding carriage
  - 1- Double motor group complete with sliding carriage
  - 1- 4-channel electronic power supply.

Attention: Please note that the following parts are not included in the kit listed here and they should be ordered separately:
- Rail fixing brackets
- 4 end stops
- 2 double motorized carriages
- Cables carriage
- Remote control: FF3287M

Item # BOFF3290 ..........1644.95

**Top Twist S Kit**
- Includes:
  - 2- Rails 9'10" (3m) Long
  - 1- Rail 8'10" Long
  - 1- Motorized rotation kit with 2 Top Copter/S motors, composed of 360° rotation plate, rail spacers and string complete with handgrips
  - 8- Endstops
  - 1- Motor group complete with sliding carriage
  - 1- Double motor group complete with sliding carriage
  - 1- 8-channel electronic power supply.

Attention: Please note that the following parts are not included in the kit listed here and they should be ordered separately:
- Rail fixing brackets
- 4 end stops
- Cables carriages
- 2 double motorized carriages
- 2 double sliding carriages
- Remote control: FF3289M

Item # BOFF3400 ..........2006.50

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**EXTENSION TUBES**

- **Extension Tube 19½" Long (FF3240)**
  - These are fixed extenders which have female 5/8" attachment at each end. You attach them directly on the spigot of single carriages or to the fixed support FF3222.
  - Item # BOFF3240 ..........29.95

- **Extension Tube 39½" Long (FF3242)**
  - Same as FF3240 39½" long.
  - Item # BOFF3242 ..........39.95

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**SAFETY STEEL CABLE**

- **Safety Steel Cable (FF3276)**
  - Complete with spring catch and hook-up slot.
  - Recommended for Telescopic Post and Top Pantograph in order to avoid accidental falling of equipment.
  - Length: 12½" (350mm).
  - Item # BOFF3276 ..........10.95
SKY TRACK SYSTEM

**KITS**

**Top System 32 (FF3032)**
Complete kit for small studios.
Kit includes:
- 3- Rails 9’10” long (FF6003B)
- 2- Kits of 4 endstops (FF3207)
- 6- Brackets for ceiling fixture (FF3210)
- 2- Kits of 5 cable carriages (FF3226)
- 2- 4-wheeled sliding carriages with 5/8” spigot (FF3230)
- 1- Double sliding carriage (FF3232)
- 1- Double sliding carriage with single brake (FF3236)
- 2- Telescopic Posts (FF3248)
- 2- Universal spigot adapters 5/8” (013)
- 2- Safety steel cables (FF3276)
Item # BOFF3032 ............ 859.95

**Top System 33 (FF3033)**
Complete kit for small studios.
Kit includes:
- 4- Rails 9’10” (3m) long (FF6003B)
- 3- Kits of 4 end stops (FF3207)
- 6- Brackets for ceiling fixtures (FF3210)
- 3- Kits of 5 cable carriages (FF3226)
- 3- 4-Wheeled sliding carriages with 5/8” spigot (FF3230)
- 2- Double sliding carriages (FF3232)
- 2- Double sliding carriages with single brake (FF3236)
- 2- Telescopic Posts (FF3248)
- 2- Universal spigot adapters 5/8” (013)
- 2- Safety steel cables (FF3276)
Item # BOFF3033 ............ 1349.95

**Top System 43 (FF3043)**
Complete kit for medium studios.
Kit includes:
- 2- Rails 16’4” long (FF6005B)
- 3- Rails 9’10” long (FF6003B)
- 4- Kits of 4 endstops (FF3207)
- 8- Brackets for ceiling fixtures (FF3210)
- 4- Kits of 5 cable carriages (FF3226)
- 4- 4-Wheeled sliding carriages 5/8” spigot (FF3230)
- 3- Double sliding carriages (FF3232)
- 3- Double sliding carriages with single brake (FF3236)
- 3- Top 2 Pantographs extendable (FF3512N86)
- 4- Safety steel cables (FF3276)
Item # BOFF3043 ............ 1654.95

**Top System 54 (FF3054)**
Complete kit for large studios.
Kit includes:
- 2- Rails 16’4” long (FF6005B)
- 3- Rails 9’10” long (FF6003B)
- 4- Kits of 4 endstops (FF3207)
- 8- Brackets for ceiling fixtures (FF3210)
- 4- Kits of 5 cable carriages (FF3226)
- 4- 4-Wheeled sliding carriages 5/8” spigot (FF3230)
- 3- Double sliding carriages (FF3232)
- 3- Double sliding carriages with single brake (FF3236)
- 4- Top 2 Pantographs extendable (FF3512N86)
- 4- Safety steel cables (FF3276)
Item # BOFF3054 ............ 2399.95

**POWER SUPPLY AND REMOTE CONTROLS**

**Power Supply Kit 8 Channel (FF3288MBKIT)**
The kit is composed: 1- Power unit to convert 120V ac to 24 Vdc (FF3288M B) 1- Remote control with 8 up/down push buttons (FF3289M).
Item # BOFF3288M BK ... 574.95

**Power Supply Kit 4 Channel (FF3286MBKIT)**
The kit is composed: 1- Power unit to convert 120V ac to 24 Vdc (FF3286M B) 1- Remote control with 4 up/down push buttons (FF3287M).
Item # BOFF3286M BK ... 439.95
The following complete Master Rail systems have all the necessary items priced to install a standard three light system in an area from 9’ to 20’ wide. The length of the system is easily determined by pricing fixed rail (the second item) 1’ less than the entire length of the studio. The systems are priced with the maximum 20’ fixed rail in each example.

**Note #1**
When covering the entire width of the studio, choose a width 1’ less than the entire width of the studio.

**Note #2**
The system lists all necessary items for a flush mount ceiling. If a dropped installation is necessary to install the fixed rails below a false ceiling, or to drop the fixed rails to the desired 12’ to 13’, substitute AD71 rail clamps in place of the AD74 rail clamps. Also include enough 6’ sections of AD75 rod to drop the system.

### PACKAGE 1
For a room width 9’ - 11’ and ceiling height 11’ - 13’.
Includes:
- 2- AD70 (Length 1’ less than length of studio) (20’ rails priced)
- 3- AD70-08 8’ Rail (Traverse Rails)
- 8- AD73 2’ Channel for rail mounting
- 8- AD74 Rail Clamp (fastens fixed rail to AD73)
- 6- AD78 Double Carrier
- 12- AD80 Cable Carrier
- 3- AD31A Light Lift (capacity 10 lbs.)
- 3- AD91 Adapter (to mount lights)

Item # PHMRK1 $2432.50

### PACKAGE 2
For a room width 12’ - 14’ and ceiling height 11’ - 13’.
Includes:
- 2- AD70 (Length 1’ less than length of studio) (20’ rails priced)
- 3- AD70-10 10’ Rail (Traverse Rails)
- 8- AD73 2’ Channel for rail mounting
- 8- AD74 Rail Clamp (fastens fixed rail to AD73)
- 6- AD78 Double Carrier
- 12- AD80 Cable Carrier
- 3- AD31A Light Lift (capacity 10 lbs.)
- 3- AD91 Adapter (to mount lights)

Item # PHMRK2 $2462.50

### PACKAGE 3
For a room width 15’ - 16’ and ceiling height 11’ - 13’.
Includes:
- 3- AD70 (Length 1’ less than length of studio) (20’ rails priced)
- 3- AD70-12 12’ Rail (Traverse Rails)
- 12- AD73 2’ Channel for rail mounting
- 12- AD74 Rail Clamp (fastens fixed rail to AD73)
- 9- AD78 Double Carrier
- 18- AD80 Cable Carrier
- 3- AD31A Light Lift (capacity 10 lbs.)
- 3- AD91 Adapter (to mount lights)

Item # PHMRK3 $2937.50

### PACKAGE 4
For a room width 17’ - 18’ and ceiling height 11’ - 13’.
Includes:
- 3- AD70 (Length 1’ less than length of studio) (20’ rails priced)
- 3- AD70-14 14’ Rail (Traverse Rails)
- 12- AD73 2’ Channel for rail mounting
- 12- AD74 Rail Clamp (fastens fixed rail to AD73)
- 9- AD78 Double Carrier
- 21- AD80 Cable Carrier
- 3- AD31A Light Lift (capacity 10 lbs.)
- 3- AD91 Adapter (to mount lights)

Item # PHMRK4 $3019.95

### PACKAGE 5
For a room width 19’ - 20’ and ceiling height 11’ - 13’.
Includes:
- 3- AD70 (Length 1’ less than length of studio) (20’ rails priced)
- 3- AD70-16 16’ Rail (Traverse Rails)
- 12- AD73 2’ Channel for rail mounting
- 12- AD74 Rail Clamp (fastens fixed rail to AD73)
- 9- AD78 Double Carrier
- 24- AD80 Cable Carrier
- 3- AD31A Light Lift (capacity 10 lbs.)
- 3- AD91 Adapter (to mount lights)

Item # PHMRK5 $3119.95

### RAILS
- 8’ Master Rail (AD7008) Item # PHR8 $56.95
- 10’ Master Rail (AD7010) Item # PHR10 $66.50
- 12’ Master Rail (AD7012) Item # PHR12 $75.95
- 14’ Master Rail (AD7014) Item # PHR14 $84.95
- 16’ Master Rail (AD7016) Item # PHR16 $89.95
- 18’ Master Rail (AD7018) Item # PHR18 $107.95
- 20’ Master Rail (AD7020) Item # PHR20 $116.95

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**POfos TOS AND ACCESSORIES**

**ALM POSING STOOL**

- Baby Posey (40804)
  - Unique sunflower shaped support poser holds infants and small children in a comfortable, adjustable 18” diameter.
  - Item # DEBP18 .............. 47.50

- Posing Steps (40820)
  - For seating, draping, support, group shots etc. 3-step, 24” x 30”.
  - Item # DEP35 .............. 134.95

- Posing Cubes
  - Excellent for seating, draping, support, group shots etc.

- Set of 3 Posing Cubes (40769)
  - Dimensions: 15” x 15” x 26”, 13”x13”x20” & 11”x11”x14”.
  - Item # DEPCS .......... 127.95

- Extra Large Cube (40800)
  - 16” x 16” x 32”.
  - Item # DEPESL .......... 82.95

**3-Way Baby Poser (40802)**

- The perfect baby poser. Sitting or lying on their backs or tummies, the 3-Way Baby Poser provides the perfect camera angle for stunning pictures. Cradles baby in safety and comfort. H and hole for holding baby. 27” long.
  - Item # DEBP27 .............. 67.50

**Multi Poser (40806)**

- Excellent for seating, draping, support, groups etc. Set of 3 cubes.
  - Dimensions: 12” x 12” x 22”, 12”x12”x34” and 34”x34”x12”.
  - Item # DEP35 .............. 217.95
POISING STOOLS

Deluxe Pneumatic Posing Stool (40703)
14" molded, rubber seat provides comfort. The large 25" base ensures stability and safety. Pneumatic height adjustment provides a rise from 20" to 30". Lifetime limited warranty.
Item # DEPSD ................129.95

Deluxe Posing Stool Armrest (40704)
Padded and 4-way adjustable. Fits Posing Stool #40703 only.
Item # DEARD ................41.95

Face Flatterer (45570)
A face friendly reflector that adds catch light to eyes and softens facial features. A softbox effect without extra lights and expense. Silver Flexiglass with white reverse.
Item # DEFG1232 .............39.95

Hands Free Pneumatic Posing Stool (40705)
"Foot Ring" Pneumatic Posing Stool has 20" to 30" height adjustment, 14" molded seat and oversized 25" base for stability.
Item # DEPSP ................199.95

Two-Seater Pneumatic Posing Stool (40720)
Has pneumatic height adjustment from 20" to 30". A 25" base ensures stability. The 24"x6" cushioned ranchyde seat provides comfort for two.
Item # DEPS2 ......139.95

Pneumatic Posing Tables
Adjusts a full 18" from 30" to 40" and 22" to 32" with extender removed. Fingertip control, for children and adults. The 34"x18"x2" top is black matte ABS plastic with a circular cutout. Column brake to prevent rotation. Oversized 25" base. Lifetime limited warranty.
Table I w/stationary legs (01106)
Item # DEPT1 ..................184.95
Table II w/locking casters (01108)
Item # DEPT2 ........192.95
Cast Aluminum Bracket (01114)
For interchanging props.
Item # DEBPS ................15.95

Pneumatic Posing Tables & Tables come with oversized glides. Locking casters are available.

POISING TABLES

Pneumatic Prop Stand (01112)
Height from 22" to 32" or 30" to 40". Allows creativity with posing props. Includes cast aluminum bracket for attaching props.
Item # DEPSPQ .............104.95

Posing Tilt Table (01109)
Provides maximum creativity for glamour and dramatic shots. The 34"x18", ABS plastic top tilts up to 20°. Pneumatic height adjustment from 22-32° or 30-40°.
Item # DEPTL .............209.95

Locking Casters (Set of 5) (40730)
Fits all Posing Stools, Posing Tables and Prop Stand.
Item # DECS ..............19.95

Equipment Leasing Available
PHOTOGENIC POSING STOOLS

State-of-the-Art Pneumatic Adjustment
The pneumatic adjustment is powered by a gas and oil pressure cylinder that is controlled by a single lever.
- All metal parts are chrome-plated steel or polished cast aluminum
- Designed and manufactured with strict attention to quality. This gives you seating that is durable, good looking, and functions properly. It's seating you can depend on for long lasting service.
- Easy to use height adjustment. No struggling to get the proper level. Simple pneumatic makes this possible.
- Full 360° seat rotation regardless of height adjustment type.

Steel Posing Stool
4 Leg Tubular Base (PG341B) Item # PHPS................................. 99.95
Cushion Black Pullover for PG341B and PG341C (PGZ) Item # PHCPS................................. 18.95

Tony Posing Table
with Stool (7826SP) Item # PHPTTK................................. 199.95
with Glides/Casters (7826CTSP) Item # PHPTTCK................................. 199.95
(7826) Item # PHPTT................................. 199.95
Posing Table Head w/o Stand (7826H) Item # PHPHTT................................. 84.95
Set of 4 Glides (7505G) Item # PHGSTPT................................. 17.95

IMPACT POSING TABLE

Deluxe Posing Stool (RST001)
- Pneumatic Cylinder Height Adjustment provides a rise from 21” to 35”
- Large 22” base ensure stability and safety
- 14” cushioned Vinyl seat provides comfort.
- Stool seat rotation is a full 360° regardless of adjusted height
- High-tension steel materials, welded for strength and durability
- Weighs 10 lbs.
Item # IMPS................................. 79.95

Deluxe Posing Stool (PT100)
- Pneumatic Height Adjustment provides a rise from 27” to 43”
- Oversized 22” caster base ensure stability and safety
- Black matte wood 24”x 18” with a 2” rectangular circular cutout.
- High-tension steel material leg, welded for strength and durability
Item # IMP T................................. 84.95
Choose from five quality shooting tables ranging in size from 20x25” (51x64cm) to 48x60” (122x152cm). All shooting tables are constructed with oversized wingnut knobs, torque levers and heavy 16 gauge square steel tubing with self locking hardware. All have adjustable leveling feet. The larger models have locking casters. Smaller models include Plexiglass and are fully assembled and ready to use.

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Dimensions</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>The Studio (40010)</td>
<td>Uses only 48x60” (20x152cm) of floor space. Has four knobs for easy breakdown. Accepts 4x8” (1.2x2.4m) Plexiglass (not included). Has a height of 85” (216cm) maximum. Has stabilizer bars to hold the Plexiglass flat. It’s curved in the front for low camera angles. The locking back frame is adjustable flat to 90°. Has a seamless roll holder and locking casters. Assembly required.</td>
<td>Item # DESTS</td>
<td>359.95</td>
</tr>
<tr>
<td>The Mini Studio (40310)</td>
<td>Takes only 42x36” (107x91cm) of floor space. Accepts 42x72” (107x182cm) Plexiglass (not included), and has a height of 64” (162cm). Stabilizer bars hold the Plexiglass flat. There are light stand adapters on top rail for accessory booms, lights etc. Has a seamless paper roll holder and locking casters. Assembly required.</td>
<td>Item # DESTMSY</td>
<td>299.95</td>
</tr>
<tr>
<td>Studio-To-Go (40500)</td>
<td>Uses only 27x35” (68x89cm) of floor space. Height measures 32” (81cm) in front and 52” (132cm) in the back, includes 27x54” (68x137cm) white Plexiglass. Stabilizer bars hold the Plexiglass flat. Has four knobs for easy breakdown. The curved front allows low camera angles and has locking casters. Assembly required.</td>
<td>Item # DESTSTG</td>
<td>329.95</td>
</tr>
<tr>
<td>The Micro Studio (40410)</td>
<td>For tabletop and still life photography. Assembles and breaks down quickly. Has a work height of 7” (18cm) to 12” (30cm), and Boom dome that holds up to 10lbs. Allows for unlimited positioning of lights. Includes a 24x48” (61x122cm) white Plexiglass. Assembly required. Dimensions: 24x24x36” (61x61x91cm)</td>
<td>Item # DESTMS</td>
<td>268.95</td>
</tr>
<tr>
<td>Boom Arm (40100)</td>
<td>For “The Studio” table.</td>
<td>Item # DEBASST</td>
<td>127.95</td>
</tr>
<tr>
<td>Table Top Image Studio</td>
<td>The ultimate photo-digital shooting table. Compact, folds to less than 1” thick. Includes carry handle. Sets up in one minute and ready to shoot. Perfect shadowless lighting for any tabletop or web page. 19 x 24” base. Includes background clips, durable nylon diffusion tent, adjustable arms and back frame. Dimensions: 18 x 24 x 25” (46x61x64cm)</td>
<td>Item # DETTIS</td>
<td>159.95</td>
</tr>
<tr>
<td>Plexiglass Light Dome</td>
<td>Soft diffused lighting surrounds your product from any direction. One piece, seamless. Reflected highlights appear clean without reflections of studio objects. 4” diameter openings in top and side. 19” diameter, 8” high.</td>
<td>Item # DEPLD</td>
<td>124.95</td>
</tr>
<tr>
<td>360° Plexiglass Light Sphere (41060)</td>
<td>Soft, diffused lighting from any direction. Eliminates unwanted reflections in glassware, jewelry, etc. Sphere rotates to any position on a clear acrylic base. A 4” hole in each section is for shooting or lighting. Two round, white and clear, Plexiglass shooting shelves. Nests for easy storage. Includes two half domes, clear base, two shelves, and four clamps.</td>
<td>Item # DEPLS</td>
<td>348.95</td>
</tr>
</tbody>
</table>
**SHOOTING TABLES & ACCESSORIES**

**MANFROTTO SHOOTING TABLES**

- **Multipurpose Shooting Table (220)**
  
  Still life table with white, translucent plexi-glass cover for back or front lighting. Adjustable tilting back.
  
  Size of panel: 78.8” x 49.25”. Distance from floor to flat surface: 32.7”. Height with back on vertical position: 76”. Weight: 41.1 lbs. (18.6kg)
  
  Item #BO220 ................................................................. 599.95

- **Mini Still Life Table (320)**
  
  Shooting Table that is perfect for small items such as jewelry, pottery and products. Similar to design of Still Life Table #220, but smaller.
  
  Includes white, translucent plexi-glass cover for back or front lighting. Adjustable tilting back and adjustable front legs.
  
  Size of panel: 59” x 30”. Distance from floor to flat surface: 27.5”. Height with back on vertical position: 61.8”. Weight: 21 lbs. (9.5kg)
  
  Item # BO320 ............................................................. 419.95

**SAMIGON INTERNET PHOTO SYSTEM**

- **Internet Photo Studio (CSA600)**
  
  - Two 8½ x 11” light units - each contains a 5000°K daylight balanced fluorescent bulb. Use individually or simultaneously to provide even, shadow-free illumination
  
  - 2 clips located on top light unit will hold bkgd. material in a natural sweep behind the item
  
  - Special effects are produced by placing gel filters over the light units
  
  - Adjustable height (up to 10”) & tilt to control glare & reflection
  
  Item # SAIPS ........................................................... 173.95

**SMITH-VICTOR TST DIGITAL DESKTOP STUDIO KIT**

- **A complete desktop lighting solution complete with lights, mounting arms and shooting table. Perfect for shooting small products, artwork, jewelry, or any other small subject in the minimum of space, with a minimum of fuss!**

- **Digital Desktop Studio Kit (402019)**
  
  Kit includes:
  
  - (1) ST24 opaque base module
  - (1) CM24 clear module
  - (2) TST light arms
  - (2) Q250 250W video lights
  - (2) DC-1 dimmer controls.
  
  Item # SMTSTDDSK ...................................................... 459.95

**CLOUD DOME**

- **Made of high impact, non-yellowing, crack-resistant plastic, Cloud Dome evenly diffuses natural light over the surface area of the object being shot. High quality digital photographs can even be achieved in low lighting. Lightweight and easily portable, the Cloud Dome is outfitted with a camera mount to eliminate any stability problems. It’s the perfect accessory for any photographer of any skill level aiming to achieve the highest quality digital photographs.**

  - The Cloud Dome is lightweight and easy to take in the field or use at home
  - Perfect for photographing many types of objects:
    - Sports memorabilia
    - Jewelry - Stamps
    - Fossils - Documents
    - Stock & bond certificates
    - Artifacts - Gems & minerals
    - Circuit boards - Foliage
  - Great for many applications:
    - Selling via online auctions
    - Record structural damage
    - Patent applications - Insurance
    - Forensic pathology
    - Archeology - Evidence recording

  - **Cloud Dome Pro Kit (CDGPKIT)**
    
    Kit includes:
    
    Cloud Dome, domicile bag, pro bracket (for longer lens and SLR cameras), universal bracket (for digital cameras), 7” straight extension collar, angled extension collar and user’s guide.
    
    Item # CLCDK ............................................................. 299.95

  - **Cloud Dome with Standard Universal Bracket (CD15UNV62)**
    
    Kit includes:
    
    Cloud Dome, standard universal bracket, standard extension collar and user’s guide.
    
    Item # CLCD .............................................................. 149.95

  - **Pro “L” Bracket (CDPROL)**
    
    For Cloud Dome with larger cameras (SLR).
    
    Item # CLBPL ............................................................ 41.95

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MK DIGITAL DIRECT

"THE BOX" & PHOTOeBOX

**THE BOX** IMAGING SYSTEM

Shoot perfectly lit, high resolution photographs virtually anywhere, anytime. The advantages are numerous. Be as creative as a professional photographer and save TIME and MONEY! This unique and easy to use digital imaging system will change the way you do business no matter if you manufacture, resell, collect, trade etc.

Software included with every lighting system at no additional cost. With it, you can master the art of creating your own catalogs, CD presentations, images for web pages, e-mails and more.

**FEATURES**

- Electronically controlled individual lighting (Top, sides, back, front and platform).
- Lighted motorized platform, panning 180° and tilt 30°.
- Allows to position your camera 90° from top to front face.
- Added feature for the jewelry industry, top halogen light to enhance diamond with sparkles.

**BENEFITS**

- The perfect picture ideal for Ebay, web pages slide shows etc.
- Photograph your products and print your own catalogs quickly and economically.
- Maintain your website or update your catalog in-house.
- Keep a photographic database of all your products.
- Avoid freight and insurance expense when using an outside source.
- Ideal for inventory control, keep a record of all jewelry handed in for repair.

**MK "The Box" (MKTHEBOX)**

Features a halogen light at the top. Individual lighting, top, bottom, front door, motorized platform with light rotates 180° left to right and tilts 30° up and down. Horizontal position. Includes light table to shoot pictures any angle from top and front door with included sliding rail on top and front.

**Included accessories:**
- Set of 3 ring stands
- Earring stand
- Camera L-bracket
- Magnetic bracket
- Box of holding wax
- Set of 3 composition plates
- 4 watch stands
- Pendant stand
- Media browser software
- Round plate
- 3 pyramid ring stands
- 4 cap plates
- Double side tape to hold items

Outside dimensions: 22⅝ x 20⅛ x 19½" (57x51x50cm)
Weight: 65 lbs. (29.5kg)
Item # MKMKTB .......................................................... 3194.95

**PHOTOeBOX**

Complete product photography lighting studio with accuracy and simplicity in mind.

**BENEFITS**

The MK PhotoeBox offers you the following benefits and much more:
- Tremendous money savings and fast turn-around time by producing product images in-house rather than outsourcing to a graphic design company.
- Increase sales with sharp quality product images.
- Easy to setup and continuously capture product images.
- Natural lighting for proper product display.
- Clean white background (or add your own background).
- Shadow-free wrap-around lighting eliminates the need for digital cleanup.
- Free technical support with any MK Digital product.
- Alternate digital cameras from Canon and Minolta are available for system package plans.
- Catalog software included with every lighting system at no additional cost. With it you can master the art of creating your own catalogs, CD presentations, images for web pages, emails & more.

**APPLICATIONS**

The MK PhotoeBox simplifies many product imaging applications:
- Product Sales (Print) – Advertising, Brochures, Catalogs, Flyers, Packaging
- Product Sales (Internet) – Auctions, Banner Advertising, E-Commerce, Email Attachments, Online Product Catalogs, Online Stores
- Website Design – Company Image, Product Line
- Inventory Management – Appraisals, Insurance Protection, Inventory Tracking

**Photo Box (MKPHOTO)**

Features include: One light switch to control lighting. Door with sliding curtain and has an oval hole on top with caps.

**Accessories include:**
- L-camera bracket
- Magnetic bracket
- Media browser software.

Item # MKMKP .............................................. 849.95
### PHOTO BOXES

**Photo Box** (72001)
Features 3 switches to control lighting, side lights, bottom and back side.

**Included accessories:**
- Set of 3 ring stands
- Earring stand
- Camera L-bracket
- Box of holding wax
- Set of 3 composition plates
- 2 watch stands
- Pendant stand
- Media browser software

**Outside dimensions:**
16 x 9 x 11 1/2” (41x25x30cm)

**Weight:** 15 lbs. (6.8kg)

**Item #** MKMK1012........... 1094.95

### ACCESSORIES

**Accessories** (52005)

- **Includes:**
  - Set of 3 ring stands
  - Earring stand
  - Camera L-bracket
  - Box of holding wax
  - Set of 3 composition plates
  - 2 watch stands
  - Pendant stand
  - Media browser software.

**Weight:** 1/2 lb. (0.2kg)

**Item #** MKA................. 94.95

**Deluxe Accessories** (52010)

- **Includes:**
  - Set of 3 ring stands
  - Earring stand
  - Camera L-bracket
  - Box of holding wax
  - Set of 3 composition plates
  - 2 watch stands
  - Pendant stand
  - Media browser software.

**Weight:** 1/2 lb. (0.2kg)

**Item #** MKL................. 24.95

**Half Foot LED Light** (92001)
5800°K. Natural daylight with 38 ultra bright LED’s. For sparkles on stones and diamonds.
Includes power cable, A/C adapter and magnetic bracket.

**Item #** MKLED........... 159.95

### SIDE LIGHTS

**Side Lights 28 Watts (LH28W)**
For left and right side for MK “The Box”.

**Weight:** 1/2 lb. (0.2kg)

**Item #** MKLH28W............. 18.95

**9” Light Tube (LHF8T5D)**
For door for MK “The Box”.

**Weight:** 1/2 lb. (0.2kg)

**Item #** MKLH28W............. 18.95

**12” Round Halogen Lights (LH005)**
For top of MK “The Box”.

**Weight:** 1/2 lb. (0.2kg)

**Item #** MKLH................. 24.95

**12” Light Tube (LHF8T5D)**
For Photo eBox, MK1012.

**Weight:** 1/2 lb. (0.2kg)

**Item #** MKLH8T5D............. 18.95

**28 Watts Side Lights (LH21W2D)**
For left, right and back side for MK Photo eBox, M K 1012 and M K 1012 DD.

**Weight:** 1/2 lb. (0.2kg)

**Item #** MKLH21W2D........... 16.95

**28 Watts Light (LH28W2D)**
For Photo eBox, MK1012.

**Weight:** 1/2 lb. (0.2kg)

**Item #** MKLH28W2D........... 18.95

**28 Watts Light (LH28W2D)**
For sides for M K 1416.

**Weight:** 1/2 lb. (0.2kg)

**Item #** MKLH28W............. 18.95
LASTOLITE CUBELITE

The new diffusing Cubelite is designed for studio and location use. The Cube performs two functions: to isolate reflective subjects from their surroundings, minimizing reflections. This creates completely enclosed environment and provides a shadowless light source. The cube can be lit from the sides, from above, from behind, from the front, and even from underneath with a suitable product table. Adaptable, very lightweight and it is fully collapsible, taking up a fraction of its original size. The inside has a pair of handy crocodile clips which support a sheet of paper to make a gradient curve.

- Ideal for product shots
- Shadowless Lighting
- Perfect for digital or film use
- Isolates subject
- Collapses into bag
- Lights from any side

Cubelite 2’ (LR2486)
Item # LAC2 ............................ 126.50

Cubelite 4’ (LR4886)
Item # LAC4 ............................ 177.95

Outdoor Cubelite (LR3687)
Comes with a removable bottom, so it can be placed directly over the subject like flowers, etc. On location the back panel can be removed so that the subject can still be kept in its natural environment but sheltered from the elements, giving a diffused light source.

Item # LACO ............................ 196.95

PHOTEK DIGITAL LIGHTHOUSE

Digital Lighthouse is a color-corrected, translucent cloth material housing for photographing small and medium products that can be lit with daylight, HMI, electronic flash, fluorescent quartz and tungsten light sources. The Digital Lighthouse can be lit from the sides, top, back, front or can be placed on a shooting table for bottom illumination. It also includes a removable Black Sweep that aids in preventing shadows on the background and provides complete separation from the item being photographed. It contains a removable plastic base, forming a rigid base for ease of product placement. The Digital Lighthouse helps to produce photographs with a professional quality because product lighting is made simple and efficient, and takes less time than conventional lighting solutions.

- Complete portability in design with one-touch set up & breakdown
- Full zipper front and zipper on top panel for lens positioning
- Use the Digital Lighthouse for web advertising photos, small and medium product photography, copying art work and recording sculptures for future reference.

15x15” Digital Lighthouse (DLH15)
Dimensions: 15 x 15 x 22.75” (38x38x58cm) with a removable black sweep 14.5 x 32” (37x81cm) that attaches to the inside with velcro tabs. Includes a 15 x 22.75” (38x58cm) rigid base. Weighs 2.5 lbs. (1.1kg.)

Item # PHDLH ................. 59.95

18x18” Digital Lighthouse (DLH18)
Dimensions: 18 x 18 x 27.5” (46x46x70cm) with a removable black sweep 17.25 x 41” (44x104cm) that attaches to the inside with velcro tabs. Includes a 18 x 27.5” (46x70cm) rigid base. Weighs 3.8 lbs. (1.7kg.)

Item # PHDLH-M ............. 84.95

24x24” Digital Lighthouse (DLH-24/36)
Dimensions: 24 x 24 x 36” (61x61x91cm) with a removable black sweep 23.25” x 60” (59x152cm) that attaches to the inside with velcro tabs. Includes two rigid bases one 24 x 24” (61x61) and the other 24 x 36” (61x91) allowing both vertical and horizontal formats. Folds flat and fits into a slim carry case. Weight 7.5 lbs. (3.4kg.)

Item # PHDLHL ..................... 117.50

Cubelite Kit 3’ (LR3601)
Kit includes:
- 1- 500W Tungsten Lamp
- 1- Stand
- 1- 3’ Cubelite
- 1- Carry case
- 1- 30” Square silver/white reflector
- 1- Vinyl background.

Item # LACK3 ....................... 491.95
The Rock N’ Roller super carts are material movers that combine the portability of a luggage cart with the big load capacity of an industrial 4-wheel dolly. These versatile carts can be configured in five different positions to suit your moving needs.

**Micro Cart (RR2)**
Designed to move loads up to 300 lbs. (136kg). Frame expands from 26.5” (67cm) to 39” (99cm) and it has 25” (64cm) and 20” (51cm) foldable sides. It uses 6 x 1.75” (15 x 4cm) rear wheels and 4” (10cm) front swivel casters. Weighs 18 lbs. (8.2kg).
Item # MURR2 ........................................... 94.95

**Mid Cart (RR8)**
Carries 500 lbs. (227kg). Frame expands from 34” (86cm) to 52” (132cm). It has two 32” (81cm) foldable sides. It uses 8 x 2.5” (20 x 6cm) semi-pneumatic rear wheels and 5” (13cm) front swivel casters. Weighs 31 lbs. (14kg).
Item # MURR8 ........................................... 139.95

**Max Cart (RR10)**
Carries 500 lbs. (227kg). Built-in heavy duty stair climber. Frame expands from 34” (86cm) to 52” (132cm). It has two 32” (81cm) foldable sides. It uses 10 x 3.5” (25 x 9cm) pneumatic rear wheels and 5” (13cm) front swivel casters. Weighs 33 lbs. (15kg).
Item # MURR10 ........................................... 159.95

The perfect solution for toting a variety of photo and video equipment, computers, convention and presentation materials, heavy suitcases and any heavy loads. Carries up to 275 lbs., yet folds to 2½”. Unfolds in seconds, no assembly required. Features a heavy-duty tie-down elastic cord. Lifetime limited warranty.

**Ruxxac Folding Cart Standard** (90751)
Dimensions: 27 x 20 x 2.5” (69 x 51 x 6cm)
Weight: 11.5 lbs. (5.2kg).
Carries 275 lbs. (125kg).
Item # RUC ........................................... 99.95

**Ruxxac Folding Cart Extra Long** (90761)
Dimensions: 29.5 x 20 x 2.5” (75 x 51 x 6cm)
Weight: 12.1 lbs. (5.4kg).
Carries 275 lbs. (125kg).
Item # RUCXL ....................................... 109.95

**Ruxxac Folding Cart Jumbo** (90781)
Dimensions: 49.75 x 22.5 x 5” (126 x 57 x 13cm)
Weight: 28 lbs. (12.7kg).
Carries 550 lbs. (250kg).
Item # RUCJF ........................................... 284.95

**Ruxxac Folding Cart Stainless Steel** (90801)
Dimensions Open: 44 x 19 x 15.5” (112 x 48 x 39cm)
Weight: 11.25 lbs. (5.1kg).
Carries 275 lbs. (125kg).
Item # RUCSS ........................................... 149.95
### COBRA HANDTRUCKS

New aluminum Cobra Series convertible hand trucks. Changes from 2 to 4 wheel position at the press of a lever. Cast nose plate, 18” wide. Options include folding noses, aluminum decks and extruded nose plates.

**Mini Cobra Handtruck (220615)**
Compact version of our highly successful Cobra Aluminum Convertible hand truck, comes standard with foot-actuated folding nose.

**Dimensions 2 Wheel:**
15”W x 16”D x 44”H
(38x41x118cm)

**Dimensions 4 Wheel:**
15”W x 16”D x 29.5”H
(38x41x75cm)

**Capacity 2 Wheel:**
300 lbs. (136kg)

**Capacity 4 Wheel:**
500 lbs. (227kg)

**Weight:**
28 lbs. (12.7kg)

**Item # WESLQ** .................................. 99.95

---

**Cobra Jr. Handtruck (220293)**

**Frame Bed:**
12”x 38” (30x97cm)

**Overall Height:**
51.75” (131cm)

**Capacity 2 Wheel:**
500 lbs. (227kg)

**Capacity 4 Wheel:**
650 lbs. (295kg)

**Weight:**
39 lbs. (18kg)

**Item # WECJ** ............................ 299.95

---

**Cobra Sr. Handtruck (220292)**

**Frame Bed:**
12”x 50.75” (30x129cm)

**Overall Height:**
61.75” (157cm)

**Capacity 2 Wheel:**
500 lbs. (227kg)

**Capacity 4 Wheel:**
800 lbs. (363kg)

**Weight:**
42.5 lbs. (19.3kg)

**Item # WECS** .................................. 299.95

---

### FOLDING HANDLE PLATFORM TRUCKS

Ideal for office or industry. Handle folds out of the way for transportation or storage. 275 to 400 lbs. capacities.

**Folding Handle**

**Platform Truck 4” (272238)**

**Platform Size:**
19”W x 29”L (48x74cm)

**Caster Size:**
4” (10cm)

**Capacity:**
275 lbs. (125kg)

**Weight:**
27 lbs. (12.2kg)

**Item # WEES4** ............... 59.95

---

**Folding Handle**

**Platform Truck 5” (272239)**

**Platform Size:**
23”W x 35”L (58x89cm)

**Caster Size:**
5” (12.7cm)

**Capacity:**
400 lbs. (181kg)

**Weight:**
44 lbs. (20kg)

**Item # WEES5** ............... 89.95

---

**Superlite Folding Handtruck (220617)**

Superlite with nose and wheels folded in for storage & transport. Press of a button releases nose. Unfolding nose moves wheels into operating position. Superlite set up with handle extended.

**Extended Dimensions:**
Height: 42” (107cm)
Width: 19” (48cm)
Depth: 19” (48cm)

**Folded Dimensions:**
Height: 29.5” (75cm)
Width: 19” (48cm)
Depth: 2” (5.1cm)

**Noseplate Dimensions:**
19”W x 12”D (48x30cm)

**Weight:**
8.4 lbs. (3.8kg)

**Capacity:**
175 lbs. (79kg)

**Item # WESLQ** ...................... 99.95
REMIN CART-A-BAG

Constructed of heavy duty aluminum rods and chrome plated automotive grade steel wire, Remin carts offer simple load handling, telescoping handles and easy-to-use locking systems. Most units offer the patented locking system which makes opening and closing the carts as easy as pressing a button. 10 year limited warranty. Specialty carts, such as the TKT-900 can be used as a portable workstation with three shelves. The HD-500 is used to transport heavy loads up to 500 lbs.

REMIN CARTS SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Supports Size</th>
<th>Wheel Open</th>
<th>Height Size</th>
<th>Platform Size</th>
<th>Weight</th>
<th>Item #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concorde III</td>
<td>175 lbs. (79kg)</td>
<td>5˝ (12.7cm)</td>
<td>41˝ (104cm)</td>
<td>11.75x9.5˝ (30 x 24cm)</td>
<td>7.5 lbs. (3.4kg)</td>
<td>RECI</td>
<td>69.95</td>
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<tr>
<td>Concorde V</td>
<td>225 lbs. (102kg)</td>
<td>5˝ (12.7cm)</td>
<td>45.5˝ (116cm)</td>
<td>15.5x9˝ (39 x 23cm)</td>
<td>101 lbs. (4.5kg)</td>
<td>RECV</td>
<td>97.50</td>
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<tr>
<td>Tri-Kart 750</td>
<td>Same as Concorde V, with rear wheels</td>
<td>REKT750</td>
<td>134.95</td>
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<tr>
<td>Super 600</td>
<td>300 lbs. (136kg)</td>
<td>6˝ (15cm)</td>
<td>48˝ (122cm)</td>
<td>15.5x12.5˝ (39 x 23cm)</td>
<td>13 lbs. (5.9cm)</td>
<td>RES600</td>
<td>113.95</td>
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<tr>
<td>Tri-Kart 800</td>
<td>Same as Super 600, with rear wheels</td>
<td>RETK800</td>
<td>142.95</td>
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<tr>
<td>Kartmaster HD500 (Black)</td>
<td>500 lbs. (227kg)</td>
<td>Back 6˝ (15cm)</td>
<td>Upright 49˝ (124cm</td>
<td>18x18.5˝ (46 x 47cm)</td>
<td>44 lbs. (20kg)</td>
<td>REKHHD500B</td>
<td>564.95</td>
</tr>
</tbody>
</table>

Subject to change without notice

MUSIC INDUSTRIES

BAND WAGON

BAND WAGON EQUIPMENT TRANSPORT WITH QUIK-LOK

The BW-800 is the strongest cart ever made with a total load bearing capacity of over 800 lbs. The 14-gauge steel frame construction is exceptionally durable and its uni-frame design will not sag under the most extreme conditions. Two folding sides lock into place and fold down flush so you can always take advantage of the non-skid frame bed. Over-sized hand truck platform makes large loads easier to manage. Hammer-tone gun metal blue and hammer-tone gun metal gray finishes are durable, stylish and non-reflective. Designed with no protruding cotter pins or pinch points that could cause injured fingers because we realize you need them to play. 10˝ pneumatic rear tires are shock absorbing and solid front wheels with locking caster brake insure a smooth ride all the way. Airframe style stair climber gets you up and over those bumps along the way and adds to its rugged good looks. With all these features you’ll be able to use this super cart in a myriad of ways and it will never let you down. Limited Lifetime Warranty.

Band Wagon (BW800) Item # MUBW800 .......................................................... 179.95
**JUICE TOOLS**

- Juice C2 Tool - Inferno (Fiery Red) (70101003)
  - Includes:
    - Needle nose Pliers
    - Straight Knife
    - Wire Cutters
    - X-Small Screwdriver
    - Medium Screwdriver
    - Small Screwdriver
    - Phillips Screwdriver
    - Hard-Wire Cutters
    - X-Small Screwdriver
    - Medium Screwdriver
    - Small Screwdriver
  - Length: 3.25 in. closed
  - Weight: 4.3 ounces
  - Item #: LEJC2........48.95

- Juice KF4 Tool - Solar (Yellow) (74103003)
  - Includes:
    - Needle nose Pliers
    - Straight Knife
    - Wire Cutters
    - X-Small Screwdriver
    - Medium Screwdriver
    - Small Screwdriver
    - Phillips Screwdriver
    - Hard-Wire Cutters
    - Extra-Small Screwdriver
    - Small Screwdriver
    - Medium/Large Screwdriver
    - Phillips Screwdriver
    - Lanyard Attachment
    - Can/Bottle Opener
    - Corkscrew with Assist
  - Length: 3.25 in. closed
  - Weight: 5.5 ounces
  - Item #: LEJKF4.......59.95

- Juice CS4 Tool - Glacial (Ice Blue) (74204003)
  - Same as C2, plus:
    - Scissors
  - Length: 3.25 in. closed
  - Weight: 5.5 ounces
  - Item #: LEJCS4.......59.95

- Juice S2 Tool - Flame (Burnt Orange) (70202003)
  - Same as C2, plus:
    - Scissors
  - Length: 3.25 in. closed
  - Weight: 4.4 ounces
  - Item #: LEJS2.........41.96

**SQUIRT TOOLS**

- Squirt P4 Tool - Glacier (Blue) (80040003)
  - Includes:
    - Needle nose Pliers
    - Straight Knife
    - Wire Cutters
    - X-Small Screwdriver
    - Medium Screwdriver
    - Small Flat Phillips Screwdriver
    - Single/Cross-Cut File
    - Awl Punch
    - Lanyard Attachment
  - Length: 2.25 in. closed
  - Weight: 2 ounces
  - Item #: LEPS4BL.....27.50

- Squirt S4 Tool - Glacier (Blue) (81040003)
  - Includes:
    - Scissors
    - Straight Knife
    - Tweezers
    - X-Small Screwdriver
    - Medium Screwdriver
    - Small Phillips Screwdriver
    - Nail File/Cleaner
    - Opener
    - Ruler
    - Lanyard Attachment
  - Length: 2.25 in. closed
  - Weight: 2 ounces
  - Item #: LESS4BL.....27.50

- Squirt P4 Tool - Inferno (Red) (80030003)
  - Item #: LEPS4R......27.50

- Squirt S4 Tool - Inferno (Red) (81030003)
  - Item #: LESS4R......27.50

- Squirt P4 Tool - Storm (Gray) (80800003)
  - Item #: LEPS4G......27.50

- Squirt S4 Tool - Storm (Gray) (81080003)
  - Item #: LESS4G......27.50

**POCKET SURVIVAL TOOLS**

- Pocket Survival Tool (PST) (81010103)
  - Includes:
    - Needle nose Pliers
    - Regular Pliers
    - Wire Cutters
    - Hard-Wire Cutters
    - Clip Point Knife
    - Metal/Wood File
    - 8 in./20 cm Ruler
    - Can/Bottle Opener
    - Phillips Screwdriver
    - X-Small Screwdriver
    - Medium Screwdriver
    - Large Screwdriver
    - Phillips Screwdriver
    - Locking Pliers
    - Hard-Wire Cutters
    - Metal/Wood File
    - Ruler (Inch/Metric)
    - Bottle Opener
    - Small Screwdriver
    - Medium Screwdriver
    - Large Screwdriver
    - Phillips Screwdriver
  - Length: 4 in. closed
  - Weight: 6 ounces
  - Item #: LEPSST.....39.95

- Pocket Survival Tool II (PST II) (81070103)
  - Includes:
    - Needle nose Pliers
    - Regular Pliers
    - Wire /Hard-Wire Cutters
    - Straight/Serrated Knife
    - Diamond-Coated File
    - Cross-Cut File
    - Sharpening Groove
    - 8 in./20 cm Ruler
    - Can /Bottle Opener
    - Small Screwdriver
    - General Tool
    - Phillips Screwdriver
    - Hex Bit Driver
    - Wire Stripper
    - Lanyard Attachment
  - Length: 4 in. closed
  - Weight: 6 ounces
  - Item #: LEPSTII....39.95

**CRUNCH TOOL**

- Crunch Tool (68010103)
  - Includes:
    - Locking Pliers
    - Wire Cutters
    - Hard-Wire Cutters
    - Serrated Knife
    - Metal/Wood File
    - Ruler (Inch/Metric)
    - Bottle Opener
    - Small Screwdriver
    - Medium Screwdriver
    - Large Screwdriver
    - Phillips Screwdriver
  - Length: 4 in. closed
  - Weight: 6 ounces
  - Item #: LEC........69.95
### Super Tool 200

**Super Tool 200 (63050103G)**

- Needle-nose Pliers
- Regular Pliers
- Wire Cutters
- Hard-Wire Cutters
- Drop-Point Knife
- Phillips Screwdriver
- Can/Bottle Opener
- 9 in. / 22 cm Ruler
- Hair / Misc. File
- Awl Punch

Length: 4.5 in. closed
Weight: 9 ounces
Item # LEST200 ....... 59.95

---

### MICRA/MINI TOOLS

- **Micra Tool (64010103G)**
  - Includes:
    - Scissors
    - Tweezers
    - Nail File / Cleaner
    - Flat Phillips Screwdriver
    - X-Small Screwdriver
    - Medium Screwdriver
    - Bottle Opener
    - Ruler (Inch / Metric)
    - Lanyard Attachment
  - Length: 2.5 in. closed
  - Weight: 1.75 ounces
  - Item # LEMY ............. 23.50

- **Mini Tool (62010003G)**
  - Includes:
    - Needle-nose Pliers
    - Regular Pliers
    - Wire Cutters
    - Hard-Wire Cutters
    - Phillips Screwdriver
    - Can/Bottle Opener
    - 1/4” Tip Screwdriver
    - M etal / Wood File
  - Length: 2.6 in. closed
  - Weight: 4 ounces
  - Item # LEMT ............. 38.95

---

### PULSE TOOL

- **Pulse Tool (69010103G)**
  - Includes:
    - Regular Pliers
    - Wire Cutters
    - Hard-Wire Cutters
    - Drop-Point Knife
    - Cross-Cut File
    - Diamond-Coated File
    - Sharpening Groove
    - Scissors
    - Extra-Small Screwdriver
    - Medium Screwdriver
    - Large Screwdriver
    - Phillips Screwdriver
    - Can / Bottle Opener
    - Ruler (8 in. / 20 cm)
    - Lanyard Attachment
  - Length: 4 in. closed
  - Weight: 6 ounces
  - Item # LEP ............. 57.95

---

### ACCESSORIES

- **Standard Leather Pouches**
  - For Crunch (930601)
  - Item # LEPLC ......... 8.95
  - For Flair (930501)
  - Item # LEPLF ........ 8.95
  - For Pulse (930601)
  - Item # LEPLP .......... 8.95
  - For PST/PSTII (930101)
  - Item # LEPLPST ...... 8.95
  - For Super Tool 200 (930202)
  - Item # LEPLST200 .... 8.95
  - For Mini Tool (930301)
  - Item # LEPLNBLMT .. 8.95
  - For Crunch (930611)
  - Item # LEPNBCPST .. 12.95
  - For Flair (930701)
  - Item # LEPNBLC .. 8.95
  - For Pulse (930801)
  - Item # LEPNBLF .. 8.95
  - For Super Tool 200 (930212)
  - Item # LEPNBLS ... 8.95
  - For Black Leather Pouches
    - For Crunch (930303)
    - Item # LEPLBLC ........... 9.95
    - For Flair (930703)
    - Item # LEPLBPST ... 9.95
    - For Pulse (930803)
    - Item # LEPLBPS .... 9.95
    - For Black Leather Pouches
    - For PST/PSTII (930103)
    - Item # LEPLBLC ... 9.95
    - For Sideclip (930103)
    - Item # LEPLBPS ... 9.95
    - For Wave (930401)
    - Item # LEPLBLC .. 9.95
    - For Brown Leather Pouches
    - For Crunch (930311)
    - Item # LEPLBLC .... 9.95
    - For Flair (930711)
    - Item # LEPLBPST .. 9.95
    - For Pulse (930811)
    - Item # LEPLBPS ... 9.95
    - For Super Tool 200 (930211)
    - Item # LEPLBLS .... 9.95
    - For H.D. Black Basketweave Pouches
      - For PST/PSTII (930104)
      - Item # LEPLBWS .... 9.95
    - For PST/PSTII (930140)
      Item # LEPLBPSTQ ....... 9.95
    - For PST/PSTII (930103)
      Item # LEPLBPST .... 12.95
    - For Super Tool 200 (930202)
      Item # LEPLCLST200 .. 15.95
    - For Wave (930811)
      Item # LEPLCLW .... 12.95
    - For Black Nylon Belt Clip Pouches
      - For Crunch (930601)
        Item # LEPLBCPST .. 12.95
      - For Flair (930501)
        Item # LEPLBCF .... 12.95
      - For Pulse (930601)
        Item # LEPLBCP ... 12.95
      - For PST/PSTII (930101)
        Item # LEPLBCST .. 12.95
    - For Combo Leather Pouches
      - For Crunch (930301)
        Item # LEPLNBLMT .. 9.95
      - For Flair (930701)
        Item # LEPLNBLF .. 9.95
      - For Pulse (930801)
        Item # LEPLNBLP .. 9.95
      - For Super Tool 200 (930202)
        Item # LEPLNBLST .. 9.95
    - For Combo Nylon Pouches
      - For Crunch (930301)
        Item # LEPLNBLMT .. 9.95
      - For Flair (930701)
        Item # LEPLNBLF .. 9.95
      - For Pulse (930801)
        Item # LEPLNBLP .. 9.95
      - For Super Tool 200 (930202)
        Item # LEPLNBLST .. 9.95
    - For H.D. Black Basketweave Pouches
      - For Crunch (930611)
        Item # LEPLBWS .... 9.95
      - For Flair (930711)
        Item # LEPLBPST .. 9.95
      - For Pulse (930811)
        Item # LEPLBPS ... 9.95
      - For Super Tool 200 (930211)
        Item # LEPLBLS .... 9.95
    - For Tool Adapter (65010303)
      Item # LETAQ ....... 23.95

Books and Lessons

Books .......................... 818-821
CDs, DVD and Video Tape ....... 821
Web Photo School Lessons ... 822-829
  Techniques for
  Shooting Jewelry .......... 822-823
  Product Photography for
  Business and the Web .... 824-825
  Creating Special Effects
  in Product Photography ... 826-827
  Senior Portraits:
  Using Litediscs Outside ... 828-829
Book Excerpts .................. 830-851
  Professional Secrets for
  Photographing Children ... 830-834
  Secrets of
  Lighting on Location ...... 835-842
  The Portrait ............... 843-851
How to Operate a Successful Photo Portrait Studio
by John Giolas
John Giolas gives you all the information you need to get started and succeed in the rewarding world of portrait photography. 8.5 x 11", 110p, over 100 color and b&w photos, index, glossary. Softbound.

Item #AMHOSPPS ...........29.95

Learning to Light
by Roger Hicks & Frances Schultz
A practical guide for all amateur photographers who want to master the basics of photographic lighting. The 200+ photographs and 75 easy-to-follow diagrams of lighting set-ups, takes you step by step from choosing equipment and setting up a studio, to applying even the most subtle lighting techniques. 160 pp, 10½ x 6¼". Softbound.

Item #AMLL ..................24.95

The Lighting Cookbook
Foolproof recipes for Perfect Glamour, Portrait, Still-life and Corporate Photographs
by Jenni Bidner
Includes photos by top pros specializing in major areas of studio work, including: fashion, boudoir and Hollywood, jewelry and food, automobile, children’s portraits and pet portraits. 144 pages, 8½ x 11". 160 color & 250 B&W illustrations. Softbound.

Item #AMLCB ..................24.95

Lighting for Still Life
by Steve Bavister
Filled with information and inspiration, this beautiful guide is an invaluable resource for the aspiring still life photographer. Fully illustrated in color and B&W. Softbound. 9 x 11". 160 pp.

Item #BOLSL ..................34.95
Lighting Books

Lighting for Video, 3rd Edition
by Gerald Millerson
Solutions to everyday lighting problems whether in amateur or professional video production. Illustrated in B & W. Softbound. 5½ x 8½”. 154 pp.

Item #BOLV ...................29.95

Light Science and Magic
by Paul Fuqua and Fil Hunter
This highly respected text, now in paperback, has been thoroughly updated and revised. Numerous photographs and illustrations provide clear examples of the theories delineated within the text, while sidebars highlight special lighting questions. Softbound. 7 x 10”. 384 pp.

Item #FOLSM ...................39.95

Location Photography (Essential Skills)
by Mark Galer M. Ed.
Covers all the fundamental skills required for location photography when using Digital, 35mm SLR and medium format cameras working with both existing light sources and introduced light. Softbound. 7½ x 9¾”. 192 pp. 8 page color plate section.

Item #FOLP ...................29.95

Mastering Flash Photography
A Course in Basic to Advanced Lighting Techniques
by Susan McCartney
Vitally important to all photographers, lighting is thoroughly explored in this first fully color-illustrated guide to flash techniques, from point-and-shoot to studio work. 144 pages, 8-1/2x11, 160 color & 50 B/W illustrations. Softbound.

Item #AMMFP ..................24.95

Matters of Light and Depth
by Ross Lowell
Called “essentially practical and pratically essential”, Ross Lowell’s critically acclaimed Matters of Light and Depth is being published by Lowe-Light. Filled with photographs, illustrations, and decades of real world experience. 26 color and 115 B&W photos, 12 paintings, 224 pages, 9 x 9”. Softbound.

Item #LOBMLD .................28.95

The Photographer’s Guide to Using Light
by Ted Schwarz & Brian Stoppee
with photographs by Mike Pocklington & Scott Sheffield
Learn to apply theory to reality. A wide range of situations are illustrated, from scenes, to portraits, to still life setups, with equal attention given to both simple and complex lighting techniques. 120 color illustr. & 50 Lighting diagrams, 144 pp. 8½ x 11, paper.

Item #AMPGUL ...............19.95

Photographer’s Lighting Handbook
by Lou Jacobs Jr.
Learn how light affects every subject that you photograph, and how to use light to create stunning images. From landscapes made in nature’s light to portraits created with the man-made kind, the techniques detailed in this book will help readers produce stunning images of special places and important moments. 128 pp. 8½ x 11”. 130 color photographs.

Item #AMPLHB ...............29.95

Photographic Lighting
(Essential Skills)
by Mark Galer, John Child
Covers the essential information for photographers to understand and work with light. Each technique is illustrated with the work of student photographers. Illustrated in color and B & W, plus 25 line illustrations and a glossary of terms. Softbound. 8¼ x 11¾”. 148 pp.

Item #FOPL ...................29.95
For any inquiries regarding your order, call our customer service:

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**Digital Photography Fundamentals for Basic Imaging, Disc One**  
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Digital Photography Learning Center (DPLC) is a breakthrough CD-ROM series that contains lessons taught by professional photographers at WebPhotoSchool, www.webphotoschool.com. Learn from great lessons that show setups and results in a fun, simple format. Disc One of the DPLC is available for purchase now and subsequent volumes on product and portrait photography are currently in production.  
Through comprehensive lessons, you will learn how to:  
• Email your photos  
• Prepare images for the Web  
• Do portrait photography  
• Do product photography  
• Do close-up photography  
If you're looking for the easiest way to learn about the modern photographic process in an easy-to-follow, step-by-step strategy, DPLC is your best and most exciting opportunity.  
Item # PHCD ......................14.95  

**Shoot Smarter “Color Controls”**  
Get in control of your color! In this 51 minute DVD you can see first hand how to:  
Command neutral, warmer or cooler skin tone reproduction,  
Perfectly correct out the green shift from fluorescent lights,  
Adjust the color temperature of your strobes within 50K,  
Use CT and CC filters and gels like a pro,  
Take the mystery out of color meters,  
Either on film or digital capture, Will Crockett is widely considered a master of lighting control from his 20 years of creating client pleasing images, his international seminar tours and by his expert testing, consulting and product testing for Fujifilm, Gossen and Sekonic. Here’s what’s inside this DVD title:  
Chapter 1 - Intro.  
Chapter 2 - Controlling Color Temperature.  
Chapter 3 - Neutral Color Temperature.  
Chapter 4 - Using Filters.  
Chapter 5 - Using Gels.  
Chapter 6 - Using Gel Strips.  
Chapter 7 - Measuring Color Temperature.  
Chapter 8 - Filters & Gels on Assignment.  
Chapter 9 - Color Control Secrets  
Item # SHCC .....................44.95
Techniques for
Shooting Jewelry

There are many photographers who absolutely dread the thought of shooting jewelry. After all, jewelry is often highly reflective, very small in size, and can be difficult to work with in creating a composition.

However, anyone armed with a few basic lighting tools and a rudimentary understanding of camera and lighting methods can truly work wonders. Thanks to many improvements in camera and lighting technology, the cost of producing professional-quality images has become remarkably inexpensive.

Topics Covered:

• Creating a custom shooting set
• Tips on shooting with a high end digital camera
• Using a macro lens attachment for close-up work
• Shooting with soft light to create interesting shapes
• Using light modifiers to control light spill & contrast
• Precision lighting with a focusing light
• Basic retouching using Adobe Photoshop Elements

Equipment Used:

Camera/ Media
• Olympus E-10 digital camera Item # OLE10
• Olympus Macro Conversion Lens Item # 200694
• Lexar 160M B CompactFlash card (replaced by 256M B Item # LECFJS12X256)
• Olympus 3040 digital camera (for set-up shots) (repl. by the 4000 Item # OLC4000)
• Lexar 64M B SmartMedia card Item # LEMS64MB
• Lexar USB CompactFlash reader Item # LERCU
• Lexar USB SmartMedia reader Item # LERSMU
• Manfrotto 3443 Carbon Fiber tripod Item # BO3443

Lighting Equipment
• 3 Photoflex Small Starlite kits Item # PHSISDSK
• 2 Photoflex Small Grids Item # PHGS
• Photoflex Boom Item # PH35B
• Photoflex Boom Stand Item # PH578
• Photoflex Litedisc H older Item # PHLDHT
• Photoflex LS-2218 Litestand Item # PHLS2218
• Dedolight focusing light Item # DEDLH (or LTM Pepper 100 Item # LTP100)
• Photoflex LS-2212 Litestand Item # PHLS2212
• Tin foil Item # 100112

Background/ Miscellaneous
• Rings and ring stands
• Foam core Item # GBFCCB10
• 3x4’ sheet of aluminum
• Product shooting table Item # SMTST18

For a modern jewelry look, we decided to shoot these tension rings against a sheet of brushed aluminum. We picked out two different sizes and secured them upright on gray ring stands. We placed the smaller one in front so that it would appear similar in size to the rear one from the camera’s point of view (fig. 1).

We set up our first light source, a Small (16x24”) Photoflex Starlite Kit, and positioned it over the set to illuminate the tops of the rings and sheet of aluminum. Notice how we propped up the sheet of aluminum by clamping a Photoflex Litedisc H older to the edges and securing it to a Litestand (figure 2).

I mounted an Olympus E-10 digital camera to a tripod and zoomed all the way out on the lens to keep the rings proportionally sized to each other. I set the aperture down to f/11 to maintain a large depth of field, set the shutter speed to 1/30th of a second and took a shot (figure 3).

Looking at the image playback on the LCD, I realized that we needed to be able to come in closer. Fortunately, Olympus makes an optional macro lens attachment for the E-10 for situations like this. I attached the lens, came in a little tighter, and took another shot (figures 4 & 5).

In this result shot, notice how...
the attachment lens helped our composition by minimizing the relative size difference between the rings. Even though the light from the overhead soft box had lit the top and bottom of the rings nicely, the sides of the rings appeared dark and flat.

To add more dimension to the shot, we set up another small Starlite kit, positioned it off to the left hand side and took another shot (figures 6 & 7).

The result shot shows a big improvement. The transition between light and dark is smooth, and interesting shapes are formed by the addition of this second soft box.

Next, we decided to add another Starlite Kit to the right side to balance the reflections of the ring. Without changing the camera settings, I took another shot (figures 8 & 9).

Although this third light source filled in the dark areas and balanced the reflections, it still maintained a good contrast level to the shot and a sense of dimension to the rings.

The addition of both side lights, however, brightened the background considerably.

To keep the light solely on the rings, we attached grids to each of the side soft boxes, a set of louvers to the top soft box and took another shot. Notice how the background has darkened, and yet the light and reflections on the rings have not changed (figures 10 & 11).

The result shot shows a significant difference in contrast and overall feel to the shot, as the rings now pop forward from the background.

Finally, we decided to adjust the amount of focus on the rear ring. We wanted it to be recognizable, but not so much that it would draw attention away from the front ring. I opened the aperture up to f/4.5, adjusted the shutter speed to accommodate for the correct exposure and took a shot (figure 12).

After the shoot, we opened the final image in Adobe Photoshop and used the Rubber Stamp tool to erase the metal clips that held up the rings. We also boosted the contrast a little more to make the background appear even farther away (figure 13).

Additional lessons available at, www.bhphotovideo.com and on the Private section of the www.webphotoschool.com has even more and extended lessons.
Taking professional-looking pictures for posters, catalogs or websites can be broken down to a few key elements: lighting equipment and technique, camera quality, subject matter, and an adventurous spirit. As with everything, the more you practice, the better you get. But thanks to improved and more affordable camera and lighting equipment, there has never been a better time to learn how to take professional photographs.

**Topics Covered:**

- How to light an object to naturally drop out the background
- Guidelines for capturing pro-quality digital images
- How to use basic computer imaging tools for cleaning up an image
- How and why to take detail shots of a product

**Equipment Used:**

**Camera/Digital**

- Olympus E-10 digital camera
  Item # OLE10
- Lexar 160M B CompactFlash card (replaced by 256M B Item # LECFJS12X256)
- Olympus 3040 digital camera (for set-up shots) (repl. by the 4000 Item # OLC4000)
- Lexar 64M B SmartMedia card Item # LEMS64MB

- Adobe Photoshop
  Item # ADPS7M
- Apple G4, 1Ghz computer
  Item # APG41Z

**Lighting**

- XL Photoflex SilverDome
  Item # PHSDXL
- Photoflex Starlite connector
  Item # PH SR800SL
- Starlite tungsten head w/1000-watt lamp
  Item # PH LSL1000
- 4- Photoflex Starlite Kits
  Item # PH SLDLK
- Photoflex Litedisc Holder
  Item # PHLDHT
- Photoflex LS-K0054
  Litestand Item # PHLSASII

**Background**

- 9-foot Superior white seamless background paper
- Gaffer’s tape

**LIGHTING**

In product photography, lighting is the most important aspect of a great image. You may be shooting something very beautiful, but unless you take the time to light it well, its beauty may not be captured in the final image.

To illustrate, we decided to photograph this state-of-the-art mountain bike. Because of its size and reflective qualities, the bike presents some photographic challenges. Since we wanted the bike to be on a white background for greater layout flexibility, we set up a 9-foot white seamless paper background and taped the front edges to the floor with gaffer’s tape. We propped the bike up by positioning the end of a Photoflex Litedisc Holder under the saddle of the bike. In order to create the necessary tension to keep the bike upright, we put a weight bag on the opposite end of the Litedisc Holder (figure 1).

Next, we lowered an extra-large Photoflex SilverDome soft box that we keep suspended by ropes from the ceiling (the ropes run through eyehooks in the ceiling and are tied off to nautical cleats mounted on the walls.) We then set up two large SilverDomes and positioned them on either side of the bike. Each soft box was lit up by a Photoflex Starlite lamp (continuous, tungsten balanced) with a 1000-watt bulb (figure 2).

I attached an Olympus E-10 digital camera to a tripod, set the White Balance to match the color temperature of the lights, and took a few shots until I had adjusted the exposure just right.

Although the exposure of the bicycle is good, the background, because it is not lit separately from the bike, is too dark. Also, the left hand soft box needs to be inched out of the shot (figure 3).

To brighten the background, we set up two more SilverDomes and positioned them behind the first two. We angled the direction of light so that each soft box would throw light on the background but not on the bike (figure 4).

Once the lights were positioned, I checked through the viewfinder to make sure the soft boxes were out of the frame. Before I took another shot, I reviewed the previous shot in the Playback mode and noticed that the foreground area of the seamless paper was not quite white - more of a light gray. I opened up my...
aperture half a stop and took another shot.

The result was much better. The background and foreground were now white except for the shadows under the tires, and the bike was still at a good exposure. The only thing to do now was to digitally remove the Litedisc Holder from the shot.

I removed the SmartMedia card from the camera and transferred the images to my computer. I opened the image up in Adobe Photoshop and zoomed in on the area where the saddle and Litedisc Holder met. Since the background was all white and not textured, I opted to use the Paintbrush tool instead of the Rubber Stamp tool to paint over the Litedisc Holder. I set my foreground color to white and with a sharp-edged brush painted over the Litedisc Holder (figure 5).

The overall shot of the bike was now ready to be printed, posted to a Web page, or e-mailed. Because the background of the shot is completely white, it makes it easier and cleaner to drop into a white page for layout (figure 6).

COMMERCIAL TIP
We now have a clean, well-lit image of the entire bike. However, the most impressive aspect of this bike is really in its details. Its front fork is not really a fork at all. Instead, it has a single shock absorbing connection to the front wheel to allow a greater distance for the shock to travel. It also has a rear shock system that can be adjusted to the level of grade you are riding, and both shocks can be manually switched off. It has disc brakes on both wheels and an indicator on the handlebars to let you know what gear you’re in. It’s a top-of-the-line racing mountain bike and costs about $4,000.

Unless you had seen this bike in person, it would be pretty tough to make out all of these details from just this one image. If you were in the business of selling items like this on the Web or in catalogs, it would obviously make sense to include some detail shots. Simply put, the more visual information you supply, the more value you will convey to a potential customer.

THE DETAILS
To create some interesting detail shots, we decided to use the floor as our background for a relatively industrial look.

And since these shots would be taken close up, there would be no need to create a natural dropout of the background. We took down the background paper, steadied the bike next to a weighted Litestand, and positioned two large soft boxes in close to create a soft light in the reflections of each shot (figures 7-11).

By using diffused lighting to highlight each detail, we were better able to convey the superior quality of the bike.

Additional lessons available at www.bhphotovideo.com and on the Private section of the www.webphotoschool.com has even more & extended lessons.
The car above is a BMW 700 series sedan, but you can’t drive it because it’s only 8 inches long! With the help of a good digital camera, some basic lighting equipment, and a little photo editing, this photograph comes very close to looking like the real thing.

Product photography can not only be a great selling tool for your small business or auction items, but it can also be a lot of fun. This lesson walks through the steps taken to create this image and also demonstrates how to create dynamic detail shots using depth of field.

Topics Covered:
- Creating a smooth shooting surface
- Controlling light reflections
- The importance of using diffused light
- Experimenting with depth of field
- Creating eye-catching detail shots

Equipment Used:
- Digital Camera and Media
  - Olympus C-5050 Zoom camera Item # OLC5050
  - SanDisk 128MB SmartMedia card Item # SASM128MB
  - USB Olympus SmartMedia reader Item # 200803
  - Sturdy tripod Item # BO3443

- Lighting Equipment
  - Photoflex Small Starlite Kit Item # PHSLSDXSK
  - Photoflex Medium Starlite Kit Item # PHSLSDMK
  - Photoflex Boom Item # PH3SB
  - Photoflex Boom Stand Item # PHB378
  - Shooting table Item # SMTST18
  - White background paper

Before we began building the shot, we activated the built in flash of the camera and took a snap shot similar to what you might find up on eBay. Built-in flashes can work well in low light situations or to serve as a fill light outdoors, but rarely does this type of lighting lend itself to studio photography, as it tends to render objects as flat and dimensionless.

To compare the difference between this result and our final result, we’ve placed the two here side by side (figures 1 & 2).

As you can see, the effect of each image is very different: one looks like a cheap model car while the other looks as though it could be a shot from a real car ad.

To start, we first rolled a 4-foot wide sheet of white background paper onto a curved shooting table and placed the car at a slight angle. We set up a Photoflex Medium Starlite Kit and positioned it 3/4 overhead to render a soft shadow under the car.

We then mounted the camera to a tripod, set the exposure and focusing modes to manual, set the White Balance to Tungsten (light bulb symbol). For a closer look at these processes, check out the lessons on this CD entitled, “Controlling Depth Of Field in Product Photography” and “How To Set Your White Balance Indoors”.

We set the aperture to f/2.4 to create a limited depth of field, focused on the front of the car and took a shot (figures 3 & 4).

Notice how the f/2.4 aperture setting has made the back half of the car in out of focus. This helps to draw the focus to the front of the car. Reviewing the result, however, we realized that the car still looked like a model car because our perspective was different from how we would normally view a real car.

So, we lowered the camera angle to a more even level, refocused, and took another shot (figures 5 & 6).
The result was better, but now we wanted to make changes to the lighting. We wanted the background to be much darker to create more contrast to the shot. We wanted the car to "pop" forward so that it would look more three-dimensional.

So we took the SilverDome soft box off the LiteStand and placed it on a Photoflex Boom Stand so that it would be directly overhead, and angled it slightly forward to keep the light off the background.

Without making changes to the camera, we took another shot (figures 7 & 8).

The shot was very close now, but the left side of the car seemed a little dark. So we set up a Small Starlite Kit and positioned it to the left side of the set and again, angled it slightly away from the background (figure 9).

This time we took two shots. We wanted to compare different depths of field, so we took two exposures: the first at f/2.4 @ 160th of a second and the second at f/10 @ 1/25th of a second (figures 10 & 11).

The results reveal a different look to each. Figure 10 brings the attention to the front of the car, while figure 11 renders the entire car in sharp focus. Remember, there is no "correct" shot here, only alternatives to different looks. At this point the car looked pretty real. To enhance the image a little more, we copied the f/10 version to the computer, opened it up in Adobe Photoshop, and digitally "turned on" the lights. For a more in-depth look at this and other digital processes, visit www.webphotoschool.com (figure 12).

The details
Next, we decided to create some detail shots to more effectively demonstrate the fine craftsmanship of this model car. We pulled the Small Starlite Kit out of the set and moved the camera in closer toward the car. We opened the hood, focused on the engine and took two shots: the first at f/10 @ 1/25th of a second and the second at f/2.4 @ 160th of a second (figures 13, 14 & 15).

Notice that everything in figure 14 is in focus, whereas in figure 15 your attention is drawn straight to the engine. This technique is particularly effective when you are trying to draw your viewer's attention to a particular detail. Next we spun the car around, closed the hood, opened the trunk, and took two more shots at the same settings (figures 16 & 17).

As a small business owner or auction seller, these tools and techniques can be very valuable to you, particularly on the web. For instance, there are many more details and features to this model car: the car doors also open, the steering wheel moves the front wheels, and there are even odometer and rpm gauges. The more you demonstrate on the web, the more interest you will receive. Remember to experiment with these techniques and most importantly, have fun!

Most people assume that professional portraiture requires expensive camera strobes for good results. Strobes can work beautifully with portraits, particularly when used with soft boxes, but they are not necessary in many situations. Armed with equipment to modify sunlight, you can achieve fantastic results.

Topics Covered:

• The importance of using a stylist
• Choosing the right background
• Diffusing sunlight using Litediscs
• Using a Litedisc to create a fill light
• Using Litediscs to create a hair light
• Setting up a portable, digital workstation
• Transporting equipment

Equipment Used:

Camera/Media
• Olympus E-10 digital camera Item # OLE10
• 2 Olympus 3040 digital cameras (for set-up shots) (replaced by the 4000 Item # OLC4000)
• Lexar 160MB CompactFlash card (replaced by 256MB B Item # LECFJS12X256)
• 2 Lexar 64MB SmartMedia cards Item # LESM64MB
• Lexar USB CompactFlash reader Item # LERCFU
• Lexar USB SmartMedia reader Item # LERSMU
• Manfrotto 3443 Carbon Fiber tripod Item # BO3443

Software
• Adobe Photoshop Elements Item # ADPE2

Lighting Equipment
• 52˝ Photoflex White Translucent Litedisc Item # PHLD52WT
• 42˝ Photoflex Soft Gold/White Litedisc Item # PHLD42WG
• 2-22˝ Photoflex White/Silver Litediscs Item # PHLD22WS
• Photoflex Litedisc Attaché Item # PHACLD
• 4- Photoflex Litedisc Holders Item # PHLDHT
• 5- Photoflex LS-2218 Litestands Item # PHLS2218
• Photoflex Multiclamp Item # PHMCUSM
• Photoflex ADW Umbrella
• 4- Photoflex Weight Bags Item # PHWB
• Photoflex Navigator Transpac case Item # PHMKB

Miscellaneous
• Foldable wooden table
• Foldable wooden chair

In preparation for this lesson, we brought Gwen, our hair/makeup stylist, on location to give Angela, our 15 year-old model, an elegant look. While Gwen worked on making Angela’s clothing, hair and makeup, we scouted nearby for a location with a good background (figure 1).

We found a large hedge and decided to shoot into the shadow side so that our model would stand out from the background. I set up the tripod and mounted an

Olympus E-10 digital camera to it in the vertical position. Once Angela was prepped, our stylist brought her out to the location. It was near noon once we started and the sun cast short, high-contrast shadows on our subject (figure 2).

As a starting point, I took a shot without any light modification. I minimized the camera’s aperture to f/11 to ensure that both the model and background would be in sharp focus and set the shutter speed to 1/60th of a second. I took a shot, set the camera to playback, and reviewed the exposure in the Playback screen (figure 3). (One of the great things about shooting digitally is that you can adjust your exposure on the spot thanks to the Playback feature.)

Although the exposure was good, the contrast between the shadows and highlights was too great.

To reduce the contrast, I decided to set up a Photoflex translucent Litedisc overhead to diffuse the sunlight. Since there was a slight breeze blowing, I wanted to stabilize our Litedisc setup. Our
assistant, Ross, grabbed a 52˝ translucent Litedisc, attached it to a Photoflex Litedisc Holder, and secured it to a Litestand with an attached weight bag. Then he positioned the Disc so that it was over Angela’s head and shoulders (figure 4).

I opened the aperture a half stop and fired off another shot (figure 5).

The resulting shot was greatly improved. The Litedisc had minimized the contrast, yet still revealed the direction of the sun. As a photographer, you could stop at this point and have a great end result. To illustrate additional light modification, we went on to develop the shot further.

Next, we wanted to add a reflective Litedisc to bounce light into the shadows of Angela’s face and create a catch-light in her eyes. Ross pulled out a 42˝ soft gold/white Litedisc and positioned it so that the white side was reflecting. As I looked through the lens, I let Ross know where the Disc should be positioned. Once we found the right spot, Ross secured the Litedisc Holder to a Litestand weighted with another weight bag and stood to the side where he could make minor adjustments (figure 6).

Since the Litedisc brightened the overall shot, I closed down the aperture half a stop to accommodate and took another shot (figure 7).

Notice how the shadows under Angela’s eyes have been greatly minimized, and the reflection of the Litedisc shows up in her eyes.

Next we wanted to separate her hair from the background, while giving the shot a sunnier look. So we set up two 22˝ silver/white Litediscs on Holders and Stands, and positioned them in the rear so that the silver side of the Discs reflected hard light into both sides of Angela’s hair (figure 8).

The reflectors helped to give separation from the background nicely, but the hard light revealed the stray strands to the point where they were a little distracting. Gwen came in and worked on her hair while I adjusted the camera settings. I wanted to create even more separation by softening the focus on the background, so I opened the aperture up all the way to f/4, set the shutter speed to accommodate the proper exposure and took a shot (figure 9).

Notice how the combination of the brightly lit hair and the soft focus of the background help to create a greater sense of depth to the shot.

Although the shot looked something seemed to be missing. The tonal range of the subject was much more dynamic than that of the relatively static background. So we decided to move to the other side of the hedge where the direct sun gave it more contrast. After previewing the background through the camera lens, we brought the gear over to the other side and set up the same lighting scenario (figure 10).

With no change to the camera settings, the result showed that the background was nicely out of focus, but now it seemed to tie in better with Angela’s look (figure 11).

Additional lessons available at, www.bhphotovideo.com and on the Private section of the www.webphotoschool.com has even more & extended lessons.
POSE. This is the basic dance pose. I like to use it when I'm working with children, and in prom or engagement sessions. As you can see, using this pose here resulted in a full face of the little girl and a 2/3 view of the older girl. When I set up this pose, I had to decide whether to raise the small girl up to the older girl's height to bring their heads together, or to keep them at their real heights. I chose the latter.

PROPS. The girls had their dresses and hairpieces for a special party. They make for a nice feel in the portrait.

BACKGROUND. To make this window, I purchased a set of frames used for double-glazed windows. I built a frame for them to rest in using 1"x 6" boards. A set of sheers were hung in front of the frames. I then hung curtains to create the appearance of a real window.

PHOTOGRAPHY. This is one of the few photographs in this book that uses a fill light. Most of the time I use a reflector for fill. I used it this time to help lighten the curtains. The problem most people have with a fill light is that they use too much power. This causes the photograph to be overfilled, giving a flat look to the faces. I set the full light two stops below the main light. The film used was Kodak VPS.

PSYCHOLOGY. Often it is best to have a parent in the room while a child is being photographed, but it can also be detrimental. I like to make that determination when I meet the child. Whatever my decision, I ask the parents to cooperate with me. One of the benefits of having a parent in the room is that they can watch for little things like a misplaced strand of hair, or a wrinkle in the clothing. If a parent is watching the session, I ask him to move out of the child's sight. This keeps the child's concentration on me, yet allows the parent to see the way I work with their child.

THE PROBLEM MOST PEOPLE HAVE WITH A FILL LIGHT IS THAT THEY USE TOO MUCH POWER.
Excerpted from “PROFESSIONAL SECRETS FOR PHOTOGRAPHING CHILDREN” by Douglas Allen Box

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his eye on a table and got a black eye, I saw an opportunity to create a fun photograph. I set up this little boxing ring using yellow cording purchased at a fabric store. The cords were simply tied to light stands in front of the high-key background.

PROPS. I borrowed these boxing gloves from a friend and put my son in his red bathing suit. I did series of photographs including several poses with his older brother. One was an “action” shot. I let the older boy put on one glove and hold it pressed against his brother’s cheek like he was hitting him. The hardest part was keeping them from really socking each other.

BACKGROUND. Creating this background was really simple. I used white paper and yellow ropes.

PHOTOGRAPHY. I mounted two small Photogenic Flash Master light heads from the ceiling and pointed the lights about halfway down on the background. The light then evenly illuminated the white paper background. The main light was the umbrella with the light through it. The film used was Kodak VPS.

PSYCHOLOGY. When working with your own children, an extra measure of patience is required, at least it is for me. I don’t know why I expect my children to be more cooperative than my client’s children. In fact, I should expect less since they know me and know what they can get away with. I have decided to make the sessions fun and not just an opportunity to try out a new set or technique. My best advice is this: make a game out of the session. This particular session was both fun and easy to set up, a formula that always makes for great images.
**S T U D I O  I M A G E S**

**L I G H T I N G  L E S S O N S**

Excerpted from “PROFESSIONAL SECRETS FOR PHOTOGRAPHING CHILDREN” by Douglas Allen Box

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**Sit Like This?**

**Page 23**

**POSE.** I placed a small pillow in the seat and asked the mom to place her daughter in the chair. Then, I had the mom call the girl’s name. When she turned, I took the photograph.

**PROP.** I think half of the children in my area under the age of ten have been photographed in this chair. It is the greatest prop I have ever used. It works because it is small and the seat tips down in the back. I have photographed children as young as two months in it!

**BACKGROUND.** The background in this image is simply white paper. I brought the paper down to the floor at the back of the room and taped it down using clear packing tape. When I took this image, I used white fur on the floor. I don’t use this anymore, because it doesn’t go white enough. As I mentioned earlier, I’ve found that a concrete floor painted white works best. A commercial photographer once offered me some great advice: Buy your paint in a five gallon bucket. After you paint the floor with a roller, store the roller in the paint, in the bucket; this way, you won’t need to clean the roller every time you use it.

**PHOTOGRAPHY.** I decided to include this image, an older photo, because it shows the wrong way to light high key. Notice the shadows and dark shading around the chair. I had pointed the background lights too far down, preventing the light from bouncing to the foreground.

The way I meter the high-key background is to have one stop of light more on the background than on the subject. Using an incident light meter, if the light on the subject is f-8, I adjust the background light to read f-11. I like the lights to be high-mounted on the ceiling, or on tall light-stands. I have found good results if the lights are 2’-3’ from the background, pointing down about halfway. The light hits the paper and bounces toward the floor where the subject is standing. This keeps the floor white around the subject. Even though the lighting here is not perfect, it is still a very nice image of a very sweet young lady.
POSE. Posing brothers together this closely can sometimes be challenging.

BACKGROUND. The background is a gray blotchy muslin background from Les Brant (see the resources section in the back of this book). I placed it about eight feet behind the boys to throw it out of focus.

PHOTOGRAPHY. The lighting used in the image is a modified butterfly lighting. Butterfly lighting is achieved by placing the light over the camera, and in the area between the camera and the subject. The lights used were Photogenic Flash Masters, which are reasonably priced and very versatile. I’ve used them for almost fifteen years and have had almost no problems. The Larson 42” soft box was placed above and to the left of the camera. The reflector is placed low and to the right of the camera; I tilted it back and forth to visually fill in the shadow area. A hair light, placed high to the right, and a background light separates the subjects from the background. A cokin 083 soft focus filter was held in front of the lens. Exposure was 1/60 second at f-8; the film used was Kodak T-Max 400, rated at 200.

PSYCHOLOGY. Both of these brothers were in a good mood for this session. However, if siblings don’t want to cooperate, I quickly get their minds off the photography session by talking about sports, fishing, school—or anything that will take their minds off what we are doing.
POSE. Several things can be learned from the simple portrait. The posing is very basic. The child's weight was placed on her back foot, her shoulders were turned away from the light, and her face was turned back toward light. It is classic feminine posing, with the back shoulder slightly dropped and the forward foot pointed toward the camera.

PROP. Adding the bear, doll, and book creates the look of a girl's room. I kept the light off of these props to prevent them from becoming too prominent. The white dress and bare feet complete this simple look.

BACKGROUND. The white room seen here appears in other images in this book. To personalize it, I propped up paneling against the fake window and added the window seat. (You can also see the painted floor that I mentioned earlier!)

PHOTOGRAPHY. Notice the placement of the umbrella and reflector. I usually place my light source in just this position, with the back side of the apparatus slightly in front of and feathered past the subject. This way the main intensity of the light goes past the person and hits the reflector. I place the reflector on the other side of the subject in the same position. Carefully turn the reflector until you see that it gives you the maximum light return.

CLOTHING. A book of "proper" clothing samples is an indispensable tool for any photographer. Proper clothing selection is critical to the final quality of the image and a point where clients often need guidance. It is best to ask a client to bring several outfits ranging from casual to formal. Ask your clients to bring several items that they would like to have included in the portrait so that you can tell them which of the items will photograph best.
Tennis Coach
Page 56

Long Island, New York. Nikon FE2, Nikkor 105mm telephoto lens, Kodachrome 64 exposures for 1/125 sec. at f/11.

I photographed Tony Palafox, a famous tennis coach who has worked with John McEnroe and other players for a cover profile in Boys’ Life magazine. Since the story was to include a series of how-to sequence shots as well, I had to do the shoot at Palafox’s home, which had a tennis court. I set up the cover shot in his garage, using a 9-foot wide roll of blue seamless paper as a backdrop. I then positioned a medium Chimera softbox with a Dyna-Lite 500 watt-second head covered with a blue gel on the floor behind my subject. I aimed this assembly up at the background. Another medium Chimera, with a Dyna-Lite 1000 watt-second head, provided the main light from the left of the camera. A 38-inch Flexfill on the opposite side of the subject provided some bounce fill. I suspended the tennis balls from the garage rafters with clear, monofilament fishing line.
Pharmaceutical Lab
Page 63

West Point, Pennsylvania. Nikon FE2, Nikkor 20mm wide-angle lens, tripod, Kodachrome 64 exposed for 1/2 sec. at f/8.

The key here was to isolate the elements of the scene, each with its own light, rather than to produce a wash of light (right). After turning off the overhead fluorescents, I aimed a Dyna-Lite head with a grid spot at the scientist and covered the white computer monitor with black velvet so that it wouldn’t burn out (below). Next, I highlighted the machine behind him with another Dyna-Lite head with a grid spot. I then placed an Enertec NE-1 bare-tube head connected to a Dyna-Lite powerpack and covered with a blue gel inside the cage-like structure behind the scientist’s head. Its omnidirectional illumination highlights several different areas of the cage. Finally, a small, low-powered, red-gelled Sunpack 444D lights the computer keyboard, simulating the glow from the screen.
Many photographers' battery-powered counterparts are generally smaller and cheaper than their AC-powered units. When it comes to power, you don't have to worry about the availability or sources. You don't have to be out of luck with most battery-powered strobes. They are generally less powerful and slower to recycle than AC units. Fast flash recycling is important when you're photographing people and you need to catch fleeting expressions and/or interactions. Nothing is more frustrating than seeing a great moment in the viewfinder before the flash has finished recycling.

Unfortunately, you must pay a hefty price for the independence of battery-powered flashes. They are generally less powerful and slower to recycle than AC units. Fast flash recycling is important when you're photographing people and you need to catch fleeting expressions and/or interactions. Nothing is more frustrating than seeing a great moment in the viewfinder before the flash has finished recycling.

Most battery-operated units run in the 100 to 400 watt-second range, although a few systems are more powerful (and more expensive). When you work with high-power battery units, like the 1200 watt-second units, you get only about 50 full-power shots from a battery with a multi-second recycle time. (This is the manufacturer's estimate. I've never owned a battery-powered strobe that delivered much more than about 50 percent of the manufacturer's claims about the number of shots a fully charged battery will provide in the real world of actual use. This isn't to say the companies are dishonest; they are just incredibly lucky when they run their tests!) So unless you carry a bagful of heavy and expensive spare batteries, you may find yourself out of juice by the time you finish taking readings, tweaking lights, and shooting Polaroids.

Another important point to consider is the type of battery your strobe systems use. Although nickelcadmium (Nicad) batteries have been greatly improved during the last few years, the typical Nicad rechargeable battery is subject to the effects of memory. These batteries must be fully discharged before you charge them. If you routinely use only a portion of the battery's power, say half, before recharging, soon the battery will deliver only half of its power. The term “memory” describes this tendency.

You can combat battery-memory effects two ways. One approach is to use batteries that aren't subject to memory effects, such as gel cells; these are sealed lead acid batteries. The batteries I use to power the HS 350 High-Voltage modules, which run both my Armatar 300 and my Nikon strobes, are gel cells, and I find them convenient to use. I don't have to worry about the discharge cycle; I simply recharge and go on to the next location. Your other option is to use a conditioning charger with your Nicads, which fully discharges a battery before beginning the recharging cycle.

Unfortunately, not every battery manufacturer offers a conditioning charger, so photographers are left to their devices to find ways to fully discharge their batteries.
Casino Penthouse
Page 68

Atlantic City, New Jersey. Nikon FE2, Nikkor 24mm wide-angle lens, Kodachrome 64 exposed for 1/125 sec. at f/5.6.

Plenty of light poured into the windows of the high-rollers' penthouse at Trump Casino when I was shooting a story for Travel and Leisure magazine. Naturally, the farther I moved away from the windows, the more the light dropped off. So I decided to supplement but not overpower the window light. I bounced three Dyna-Lite 500 watt-second heads, two from a M1000x powerpack and one from a M 500x powerpack, off the ceiling to fill this huge room.

Professor with Student
Page 69

Massachusetts. Nikon 8008S, Nikkor 80-200mm zoom lens, tripod, Kodachrome 64 exposed for 1/8 sec. at f/4.

Initially, I set up two Dyna Lite heads bounced into umbrellas to illuminate this scene in the faculty lounge of Williams College. While I used the modeling lights to focus, I noticed what a nice quality they had. Because Kodachrome 64 has an appealing golden glow when exposed under tungsten lights, I decided to shoot using only the available light from the windows, lamps, & modeling lights. The professor and the student were engrossed in their conversation, so I was able to shoot a fair amount of film. I knew that I would lose some frames to lack of sharpness due to movement; but I didn’t want to interrupt my subjects’ interaction by popping off the strobes.
AC-Powered Flash Units

Page 70

The most compelling reason to use an AC-powered unit is the unlimited number of flashes available once you locate a power source and connect the unit to it. If you’re shooting 15 to 20 rolls of film a day on location assignments, an AC-powered system will probably be the better choice for you. This also holds true if you like to diffuse your lights, shoot at apertures of f/8 or smaller, or shoot with medium-format film, which requires small apertures for sufficient depth of field.

Another advantage of AC strobes is their modeling lights. These built-in, continuous lights give you a preview of what the flash itself will look like in the final photographs. Modeling lights come in handy when you want to check for reflections but no Polaroid testing is possible. These lights also increase the general available-light level, which, in turn, makes focusing easier.

Although the lights sound great on paper, a couple of real-world considerations make modeling lights less useful than you would initially think. First, in all but the darkest locations, there is usually enough available light to make it difficult to see the effects of the modeling lights. So in the end, you can’t be completely sure of what the flash will look like unless you shoot a Polaroid. Also, the heat that the modeling lights generate can cause problems in enclosed diffusion devices, such as softboxes. And if you’re blending flash and available light, you should turn off the modeling lights off unless you specifically need them. If you don’t, the modeling lights will affect your reading since you’re using a slow enough shutter speed to register the ambient light.

Despite their shortcomings, however, modeling lights are good to have.

Heavyweight Wrestlers

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Indianapolis, Indiana. Nikon FE2, Nikkor 180mm ED telephoto lens, Kodachrome 64 exposed for 1/125 sec. at f/4.

I made this shot of two teenage scouts wrestling while photographing the Explorer Olympics for Boys’ Life magazine. I need a great deal of flash power that could recycle quickly in order to catch the action. I set up four Dyna-Lite heads, one in each corner of the mat, and bounced each one into a Photek 51-inch white umbrella. I ran two heads, each with 250 watt-seconds of power, off one Dyna-Lite M 500x pack, and another two heads with 252 watt-seconds of power each off another. This broad-lighting arrangement enabled me to shoot the action from any side of the mat with main, fill, and background lights. Using a long ED lens made out of extra-low-dispersion glass toned down the flare from the backlights. To minimize the number of wires, I used a Wein SSR infrared transmitter to trip the built-in slave eyes of the Dyna-Lite M 500x powerpacks.
I shot this lobby while working on an article about small, elegant New York City hotels for Travel & Leisure magazine. I wanted a broad, open light that simulated the weak daylight coming in from the windows off to the left. To achieve this effect, I bounced three Dyna-Lite heads, one M1000x and two M500x powerpacks set at 500 watt-seconds, into three Photek 51-inch umbrellas. I positioned one unit off to the right of the camera. I then arranged for another Dyna-Lite to come in from the left, aiming it at the concierge and bellhop. Finally, I set up the third unit in the far rear of the lobby so that it too came in from the left. I used a long shutter speed to burn in the ambient light.
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Charleston, South Carolina. Nikon FE2, Nikkor 28mm wide-angle lens, tripod, Kodachrome 64 exposed for 1/4 sec. at f/8.

I photographed this bed and breakfast as part of a story about Charleston for Travel & Leisure magazine. The little available light coming into the room had to be boosted. I wanted to mimic the open quality of ambient illumination, so I placed on Dyna-Lite head with 500 watt-seconds of power to the right of the camera and bounced it off the white ceiling. Next, I bounced a second Dyna-Lite head off the ceiling near the bed with only 250 watt-seconds of power because I wanted the light to drop off slightly.
AC strobe systems come in two basic incarnations. With monolights, the generator and the head are contained in the same housing which sits on top of the lightstand and gets plugged into the wall. Pack-and-head systems feature generator packs that are separate from the flash heads. The generators are plugged into the wall, and the heads are plugged into the generator. Both systems have advantages and drawbacks.

Self-contained monolights eliminate the need to carry a lot of head extension cords. You can place them far away from each other without worrying about having to connect them to one another. If you have three or four monolights with you and one of them develops a problem, the others will continue to function unaffected.

One disadvantage of monolights is weight placement. Since they contain both the generator and the head, they tend to be heavier than regular flash heads. So having 5 to 10 pounds, plus an umbrella or softbox, sitting on top of an 8-foot lightstand isn’t the most stable arrangement. The other disadvantage is power distribution. Even if you need only a small, low-powered pop of flash in a certain area of your setup, you must still dedicate an entire monolight to do the job.

Pack-and-head systems provide a little more flexibility than monolights in terms of power distribution. You can run three or four heads off one powerpack, sending different power levels to each head if necessary, or sending all the power through just one head. Flash heads tend to be smaller than monolights and are more stable on a lightstand.

In terms of the disadvantages of pack-and-head systems, a failure in a power generator can severely affect your ability to finish a job. This is especially troublesome if you’re running multiple heads off one pack. In addition, since all of the flash heads must be connected to the packs, you need long extension cables if you want to place the heads far away from one another and the powerpack.

For a story about the importance of fantasy in children’s play for Working Mothers magazine, I photographed Jonathan, my youngest son, playing with his blocks. To light him, I set up a Dyna-Lite head in a medium Chimera softbox with 250 watt-seconds coming from a Dyna-Lite M 500x powerpack to the right of my camera. I wanted to keep a high-key feeling, so I bounced another head from another Dyna-Lite M 500x powerpack set at full power off the ceiling behind Jon. Because this was 1 to 1 1/2 stops brighter than the main light, it provided an appealing rimlight and hairlight on my son, as well as effectively illuminated the background.
Lighting Equipment

Electronic Flash

The primary type of lighting used in portrait studios is electronic flash. Flash has three major advantages: it's extremely powerful, it produces almost no noticeable heat, and it is balanced for daylight films. Also, the short duration of a flash exposure is good at stopping motion, which is helpful in glamour or fashion portraits where you may want the models to swirl or twirl, but you don't want them to appear blurred in the picture. One disadvantage of flash is that you have to judge your lighting effects from the relatively dim light of the modeling lamps.

Though there are many brands and models of studio flash from which to choose, they are divided into two broad categories: modular power packs in which a single power supply provides power to a number of different flash heads, and monolights in which the powers source and light head are housed in a single self-contained unit.

Power Packs: In this type of system, each of the heads is connected to central power supply by a cable. The camera must be also connected to pack (via a PC cord) so that the flash heads will fire when you press the shutter release. Alternatively, some power packs work with an infrared transmitter that attaches to the camera. The advantage of a remote triggering system is obvious: it lets you move about the studio without being tied to (or tripping over) a PC cord.

Flash power packs are available in a wide variety of power outputs, ranging from a few hundred to several thousand watt/seconds. If you plan on working with two or more heads from a single pack, you will probably need a power supply that produces somewhere between 400 and 2000 watt-seconds. Anything less powerful won't produce the power you need, particularly if you're diffusing the light on working with large-format cameras; more power is always nice, but increases in power do not come cheaply.

Most power packs offer a choice of either "symmetrical" (each head gets the same amount of flash power) or "asymmetrical" (each head can be given a different amount of flash power) power distribution. Many offer a choice of distribution modes. The benefit of using an asymmetrical arrangement is that you can adjust the lighting intensity of each head individually. This enables you to maintain a constant amount of light to a give head (by turning the power up or down), even if you change the light-to-subject distance, or if you add or subtract filtration, etc. For even greater control, many packs also offer a feature called a "power variator" that enables you to adjust the total output of power to all heads simultaneously while maintaining the exact distribution.

The chief drawback of a power pack system is the lack of portability for location work. Even if you know you're only going to need one flash head, you must still bring along the power pack and cables. Also, many packs have higher voltage requirements and cannot be safely plugged into just any electrical outlet, so for example, you may not be able to use your pack for a family portrait on location using household current.

Monolights: Nearly anything that can be done with a power pack and heads can also be done with several monolights. The only difference is that you have to adjust each light individually. If you get to the point of using three or four lights in your lighting set-ups, carrying that many monolights will be a heavier proposition than bringing one pack and several flash heads.

Most monolights are comparatively inexpensive. You can buy one light to start and then add additional...

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Excerpted from "THE PORTRAIT" a Kodak Publication

Portable reflectors for studio or location work come in many styles, shapes and colors.

Gary Whelpley
lights as you need or can afford them. Also, since they aren't connected to a central power pack, monolights can be placed anywhere on a set and at any distance from one another: if you have an outlet (or an extension cord), you can put the light anywhere at all. And virtually all monolights are safe for plugging into a household or office outlets, which enhances their location appeal.

Finally, if you are using monolights and one light burns out, you still have the others. If a power pack fails, it is unlikely that you will have a backup power pack.

Accessories for Electronic Flash

Most flash heads come standard with a polished parabolic reflector, which creates very intense, but high contrast lighting which is not particularly flattering for portraits. A number different types of light-modifiers can be used to soften this light, including umbrellas, softboxes, and fabric frames. Umbrellas are available in reflective and shoot through varieties. Reflective umbrellas, in which the light is aimed into the umbrellas and away from the subject, are used to spread and soften the light. Shoot-through umbrellas, in which the light is aimed at the subject through the fabric of the umbrella, creates a similar, but slightly more directional lighting with a central “hot” spot.

Soft boxes are available in a wide-range of sizes and shapes to create the softest lighting effects. Some let you aim the head through the front diffusion panel directly or bounce off of an interior reflective surface.

Fabric frames are collapsible plastic frame and fabric panel sets which are popular and versatile. One frame can be covered with a variety of interchangeable fabrics for reflecting, absorbing, or diffusing light.

Hot Lights

Continuous-source artificial light or “hot” lights use either tungsten or quartz-halogen type lamps and have color temperature of 3200-degrees K, which means you either have to use a tungsten-balanced film or filter up to a daylight color temperature (at the expense of about one stop in light output). Tungsten lamps and fixtures are available in a variety of powers, with the most popular being 500, 750, 1000 and 2000 watts.

One nice aspect of using hot lights is that what you see is what you get. Because you’re viewing your subject under fill light, you are less likely to find any lighting surprises in the final image. Also, since there is no sudden burst of light, your models won’t blink or flinch as many people do with flash. A single hot light when combined with flash is also useful for a pleasing creative effect. For example, you may wish to create a warm fill or edge light.

The chief disadvantage of hot lights is that... well, they are hot. In order to get the amount of light you need to light a portrait (particularly a group portrait), you will need several lamps. These many lights will have your models wilting and the brightness may cause them to squint.

Accessories for Hot Lights

Several companies make soft boxes and umbrellas that are safe for use with hot lights. But because of the heat produced by hot lights, most of the light-modifying devices used with strobes cannot be safely used. Be certain that you’re using diffusion materials intended for use with hot lights.

On Location

For a lot of location work, one or more portable flash units will provide all the lighting power that you need. There are basically two types of portable strobes available: automatic flash and dedicated flash units. Automatic flash units use a flash-mounted light sensor to control the flash output. Dedicated flash units share exposure information with compatible cameras, and flash output is monitored and controlled from the film plane by the camera’s electronics. Dedicated flash systems are very accurate. In choosing a portable unit, here are some features to consider:

Power: The more, the better. Choose a unit with a guide number of about 110 or higher. Lower power units will provide enough power for direct-flash photos, but very often you’ll be bouncing or diffusing the flash which uses up light.

Power Selection: The ability to adjust the output of the flash makes it much more versatile. In fill-in flash shots, you will want the ability to turn down the power of the flash.

Aperture Selection: Pick a unit that offers a choice of at least four automatic apertures so that you can control depth of field.

Tilt and Swivel: The ability to tilt and swivel your flash simultaneously means that you can bounce the flash off of a reflector or wall whether you’re shooting a horizontal or vertical composition.
Filters
Filters come in an array of styles and a rainbow of colors to perform all manner of technical and creative tasks. The three basic styles of filters are gelatin squares, glass or resin drop-in filters, and glass screw-in filters.

Gelatin Squares
KODAK WRATTEN Filters are sold in gelatin squares in a wide variety of styles, including color correction, neutral density, color conversion, etc. These filters are designed for use in individual filter frames that attach to the lens with a filter-frame holder. Watten filters have a uniform thickness of about 0.1mm and provide superb optical quality.

Glass or Resin Drop-in Filters
These filters are typically sold in either three-or four-inch squares and are designed for a special filter holder that attaches to the front of the lens or onto a “compendium-style” lens shade (see photo). The best quality filters are those made of either glass or optical resin.

Glass Screw-in Filters
These filters thread onto the front of the lens. They are very rugged and good ones have excellent optical qualities. However, if your lenses have different front diameters, you have to buy duplicate filters or adapters to fit those different lenses.

Filters for Portraits
For most portrait situations, the two groups of filters that you will probably use on a frequent basis are soft focus and light balancing filters.

Soft Focus: There are dozens of different styled of soft focus filters on the market. Manufacturers use all sorts of optical tricks to create their diffusion effects including frosted plastic, black or white netting, glass dimples, and etched surfaces. Each of these styles is usually also available in a variety of intensities. The only way to know which filters work for you is to try several brands and styles.

Light Balancing: One of the technical challenges of outdoor portraiture is that the color of sunlight isn’t constant; it can change with the weather and the time of the day. The best way to cope with these changes is by using light-balancing filters. There are two series of light-balancing filters. The 81 series are yellowish in color and are designed to warm up colors by lowering the color temperature of cool daylight (with daylight films). The 82 series filters are bluish in color and are designed to raise the color temperature of existing light.

Backgrounds
Painted muslin, splattered canvas, metalized fabrics, seamless paper, rear projected scenes—there’s no shortage of in portraiture, it is a choice of creative background materials. And the backgrounds that you use can have a powerful influence on the mood and impact of your portraits. The color, texture, and style of the background are all factors that must be matched to your subject.

Seamless Paper
This is the most basic of photographic backgrounds and it comes in a wide variety of solid colors. It makes an excellent choice when you need a plain background to color the scene, without distracting from the subject. One of the nice qualities about seamless is that when the background gets dirty or wrinkled from use, you can simply unroll a fresh supply and cut away the old.

Muslin and Canvas
These are the most popular portrait backgrounds in use today. They are typically either painted or dyed and feature an eclectic array of patterns, ranging from a “marbelized” look to “streaked” and “splattered” designs. Both muslin and canvas backgrounds are sold in hand-painted and mass-produced versions (and are priced accordingly). Many companies also give you the option of special-ordering a particular blend of colors, or specifying a certain design.

Muslin is a much lighter fabric than canvas. One of its main advantages is that it can be “covered” or “shaped” to fit around props or models. Canvas backgrounds are considerably stiffer and are designed primarily for creating vertical or evenly sloped backgrounds. If most of your portraits are done on location, muslin makes a better choice because its light weight means you can roll it up and pack it in a carry sack.

Projection
Still another type of background system that is used successfully by portrait photographers is front or rear projection. Projection systems allow you to project an almost infinite variety of scenic backgrounds or other images behind your subject.
Excerpted from “THE PORTRAIT” a Kodak Publication

Exposure and Lighting Techniques

The more you know about the tools and photographic materials you use, the greater will be your ability to create the pictorial quality you want. No matter how imaginative or delicate your portrait lighting may be, it will not carry over into the print unless you understand the key factors which influence quality. The following six steps are vital to creating top-quality images when using color negative film:

1. Select the appropriate equipment for the desired lighting effects.
2. Determine the main, fill, and background light intensities for a desired lighting ratio.
3. Establish a working exposure index (film speed) for your standard lighting condition.
4. Determine exposure indexes for other lighting conditions.
5. Modify your lighting techniques, as needed, for consistent, professional portrait results.
6. Establish appropriate lighting techniques for portraiture.

Step 1: Select the Equipment

The lighting equipment you select will determine the quality of your photographs. You will need a fill light, a main light, a background light, and a hair light. Always keep the contrast of the photographic light in mind when selecting lighting equipment. Diffused reflectors, umbrellas, and bounce lights are considered low-contrast, soft-light sources because they produce a soft shadow edge of the subject’s features. Spots and parabolics are considered hard-light sources. The hard-light sources produce a more defined shadow edge, giving more shape to the subject’s features than low-contrast, diffused light sources.

**Fill Light**

The fill light illuminates the shadows of a photographic subject and is the only light that photographically registers the shadow on film. It also raises the illumination level in all areas of the subject.

The fill light pattern should be soft and expansive in nature and should create an even wall of light at the photographic plane. It should illuminate a single subject evenly from head to toe and be wide enough to cover a large group completely.

The fill light should not be evident in the final photograph; therefore, it should be a low-contrast light source, as nonspecular and nondirectional as possible.

These are some of the popular equipment options that are available when you require a low-contrast light source.
Main Light

The main light has two functions, one mechanical and one aesthetic: its mechanical function is to establish the contrast quality of the light and the lighting ratio. Its aesthetic function is to illuminate the subject’s eyes and to shape the face to its best likeness.

The main light should be a directional light source that produces more contrast than the fill light. It determines the mood of the photograph by its contrast quality. The higher the contrast, the stronger the statement about the subject’s features. The lower the contrast, the softer the statement and gentler the mood portrayed.

Feathering the Main Light:

Photography “masters” prefer main-light reflectors designed to create a light pattern that is brighter in the center with light gradually falling off in intensity toward the edges. This quality enables the photographer to adjust the light by “feathering” which is the technique of using “penumbra” of the light source to achieve even illumination across the facial plane with soft specular high-lights. The photographer strives for good gradation of tones and smoothness between the highlights and shadows of the subject’s features.

Feathering cannot be achieved with the principal light source aimed straight at the subject’s face. This would illuminate the face with the brighter center spot (the “umbra”) of the main light pattern. The effect is achieved with the soft, feathered portion of the main light pattern (the “penumbra”), also referred to as the edge of the light.

To find the correct placement of the pattern of light so that the face is properly illuminated, move the main light pattern up and down until the intensity of light on the forehead and chin are the same. The intensity of light must also be the same in the highlights on the shadowed side of the face and on the cheeks. Do this by swinging the reflector from side to side until specular highlights can be seen and the five planes of the face are illuminated evenly.

When properly positioned, the main light should produce the desired scene contrast from shadow to highlight without the need for “barn doors,” “scrims,” or “gobos.” In portraiture, the main light should act as a modeling light to project the specular highlights, grading the tones from specular to diffused to subtly illuminated shadows. Barn doors or diffusers are not recommended on the main light. Barn doors diminish the feathered edge of the light pattern, and diffusers change the quality of the modeling light into a broad flood light.

Guide Point: To achieve the “masters touch” of feathering light, the main light should produce a circular pattern that is brighter at the center and gradually falls off toward the edge. At two feet from the umbra (the bright center of the pattern), the light should be a halfstop less in intensity.

Illuminating the Five Planes of the Face: The position of the main light determines the aesthetic effect of the light on the subject. Once you position the main light at the necessary distance, you can adjust it to render the desired aesthetic effects. The highlights created by the main light should illuminate the five planes of the face (forehead, left and right cheeks, nose, and chin), defining the facial contours and creating the effect of dimension.

Illuminating the Eyes: To light the eyes properly, lower the main light until a specular highlight is reflected in the subject’s eyes, then continue to lower it until you illuminate the color of the eyes. When the main light is adjusted properly, the eyes will have highlights and a crystalline appearance and the coloring will be clearly visible.

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Parabolic Reflector

The penumbra, the soft edge of the circular light pattern, allows you to feather the main light.

Knowing how to properly rate and expose your film will help you achieve the optimum negative under every type of condition.

David Ziser

Parabolic Reflector
Illuminating the Nose: The main light also shapes the subject’s nose. Position the light so that a nose shadow is cast onto the shadow side of the face. When the shadow is smooth in tone, the light is in the right position. To check this, move the main light until the shadow of the bridge of the nose just touches the white of the eye on the shadow side of the face. Stop at this precise point. If the shadow from the bridge of the nose moves into the white of the eye, the eye will become dull and begin to appear smaller.

**Guide Point:** If the subject has one eye that is larger than the other, you can take advantage of this phenomenon by placing the shadow from the bridge of the nose into the white of the larger eye.

**Main-Light Patterns**

- **Butterfly:** The principal light is pointed down at a 45-degree angle directly into the frontal plane of the face. This type of lighting is used to enhance the glamour of a subject with high cheekbones and a beautiful face.

- **Open Loop:** The principal light is pointed down at a 45-degree angle and off to the side of the nose, forming a loop-type shadow from the nose. This type of lighting brings out brilliance in the coloring of the eyes more successfully than closed-loop lighting.

- **Closed Loop:** This type of lighting is also known as short, Rembrandt, or triangle lighting. It is normally used with low-key lighting. The principal light is pointed down at a 45-degree angle and 45 degrees one side of the face, with the shadow side of the face toward the camera.

- **Broad Lighting:** This style of lighting alters the facial features the least and does the least amount of correction. Broad lighting places three quarters of the face in highlights. A low-contrast, broad main-light source works best for this type of lighting. Broad lighting is normally used with high-key lighting setups.

  When in doubt, use either closed- or open-loop lighting. They are the most effective lighting techniques for giving texture and depth to the photograph.

**Guide Point:** When using open and closed-loop lighting, both sides of the nose should not be illuminated. The side of the nose nearest the camera should be completely shadowed. The shadow from the bridge of the nose cast into the eye determines whether you use open- or closed-loop lighting. The main light should not cast a shadow of the bridge of the nose into the opposite eye.

**Background Light**

The background light, like the main light, has an aesthetic function. It separates the subject from the background to keep the subject from appearing as a cutout image pasted onto the background. When the background light is positioned correctly, the result should be soft glow of background illumination appearing between the subject’s ears and shoulders, thereby achieving an effect of dimension. Dimension can also be created by aiming the background light toward the camera from behind the subject to rim the subject completely with highlights.
Guide Point: The glow should not show above the subject’s head or down around the waist. It should be brighter on the main-light side than on the shadow side of the subject. The result will be a light trap (a glow completely surrounded by shadows), which is undesirable by today’s photographic standards. If any glow shows on the shadow side, try to minimize it.

Hair Light
The hair light should be a glow of light that matches the main light in contrast quality. It should produce the appearance than it is a continuation of light from the same direction as the main light, giving highlight and detail to the chair. You can use a low-watt second main light instead of the usual spot-type hair light to pick up and illuminate the hair on the shadow side.

The effect of the hair light should be a soft glow and not an attention-getting type of light. The eye will always be drawn to a bright highlight surrounded by shadow because it is a high-contrast area. The brightest area of a photograph will not always pull the eye to that spot because it is possible to have a large, bright area without high contrast. Keep this in mind when you place your hair light. Remember, a hair light should not call attention to itself in classical portraiture.

Step 2: Determine the Correct Exposure
Maintaining consistent illumination and light placement are essential in establishing the correct color-negative exposure. The following procedure for establishing correct exposure is based on using KODAK VERICOLOR III Professional Film (VPS). You can adapt this procedure to other color negative films as well.

In the following density tests, you will photograph the KODAK Gray Scale next to your subject’s head and use the 1.90 reflective reference patch on the scale to measure shadow density. The 1.90 reflective reference patch represents the blackest black that will have detail in the final photograph.

You will achieve the correct density aim points by first getting a D-min (minimum density) reading of a clear piece of processed film. You are actually reading the density of the orange-magenta mask of the film. This requires a color transmission densitometer set on the Status M red filter setting. If you don’t have a densitometer, your local professional color lab should be able to help you.

The D-min reading of processed VERICOLOR III Film will run from approximately 0.12 to 0.20 density units. Your goal during these tests is to produce a shadow density of 0.10 to 0.20 units above the film-base D-min for a total density 0.22 to 0.38 (or 0.30 plus or minus 0.08 units).

Guide Points: The purpose of determining the main-light and fill-light intensities is to establish a lighting ratio that gives you a density difference of 1.00 from black with texture to white with texture. This will enable all detail in your negative image to be recorded when the image is printed on photographic paper.

Fill-Light Density Test
Use only the fill light in this test. A soft, nondirectional, non-specular, nonevident type of light source such as one 800-watt second Photogenic Skylighter or the equivalent in umbrella, softbox, or bounce light(s) is recommended.

The bottom edge of the fill light should be 6 feet from the floor and 12 feet from the subject. The subject should be seated 6 to 9 feet in front of the background, and the camera should be moved in and focused for a tight close-up. Ask your subject to hold a KODAK Gray Scale and a KODAK Gray Card (18% reflectance) angled slightly to avoid picking up reflections. The black square on the scale should have an image on the negative of at least 1/4-inch across to enable an accurate reading on a transmission densitometer.

Density aim points for Kodak Vericolor III (VPS) and Pro 400 (PPF) Film are indicated on the H & D curve for a full-range print.

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Beginning at f/5.6, make a series of exposures at each half f-stop. An information card indicating the f-stop used in each exposure should be included in the picture area. Have the film processed and make densitometer readings of the densities of the 18% gray card and the black square on the scale (the lightest square on the negative) before making the second test. The exposure that gives you a Status “M” red filter transmission density of 0.30 unit from the black square on the gray scale is the f-stop you should use to make your main-light test photographs. This correlates with a density of 0.65 from the gray card. With these readings, you should have enough density to see detail in the shadows of your image.

**Guide Point:** The gray-card density in the fill-light test is only 0.65. The gray-card density with illumination from both the main light and the fill light will read 0.85. It is important to remember that when set correctly exposure meters will read exposures to give a 0.85 gray-card density. Therefore, do not use a procedure that meters only the fill light for your exposure.

In some situations, you may prefer to work with a larger or smaller f-stop. You can then achieve the same results by increasing or decreasing the intensity of the fill light(s). If you double the fill-light intensity to 1,600 watt-seconds, close the lens aperture by one full f-stop. If you halve the fill light to 400 watt-seconds, open the lens by one full f-stop. Be sure to test this method before you attempt to make a photograph.

**Main-Light Density Test**

After adding the main light, the scene brightness point to strive for (aim point) should be a difference of 1.00 unit of density from highlight to shadow. The density difference should never exceed 1.00 unit, which is the contrast range limit of color paper. This 1.00 unit of density difference represents the difference between the previously determined fill-light shadow density of 0.30 and a soft diffused-highlight density of 1.0 produces on the white references of the step scale by both the main light and the fill light. While a white card would probably register as high as 1.90 density units on the negative, remember that when color negative density values go below 0.30 or above 1.30, exceeding a density difference of greater than 1.00, this detail will not be recorded on color paper.

For a head and shoulders test of an average subject with medium skin tones, place the subject 6 feet from the background. Keep the 800 watt-second fill light in the same position as in the fill-light test. Ask your subject to hold the gray scale and gray card. Use the same f-stop that rendered the 0.30 unit reading of shadow density during the fill-light test. Again include an information card in each exposure, noting the light units used, the power setting, and the distance from the main-light flash tube to the subject’s chin.

Before making the test, be sure that the inside of the reflector is clean and free of dust, dirt, and grime by wiping it with a clean cloth. If your main light is a Photogenic Studio Master II unit, place it so the flash is in a feathered position 45 inches from the subject’s chin. This will model the subject’s face properly. Make test exposures at 25, 50, 100, and 200 watt-seconds.

If your main light has a fixed output, you may adjust its intensity by moving it back to various predetermined distances. The distances should be 35, 45, 63, 95, and 125 inches. The idea is to reduce the intensity of the light by half each time you move the unit. If your equipment is not efficient at these suggested distances, make your first test at the distance at which your light functions best. Then multiply this distance by 1.4 to find the next distance to position your main light in order to cut your light intensity in half. For example, if your first test is at 10 feet, your next test would be at 14 feet (10 feet x 1.4), and the third test would be at 19.6 feet (14 feet x 1.4).

**Note:** This system does not work for expansive lightsource equipment such as umbrellas.

In the main-light test, your lights should be set up exactly as they will be for making portraits. If the main light is feathered in the test, it should be feathered when making portraits.

When you have your test roll of film processed, ask the lab to read and record the following densities for each exposure:

- Diffused highlight of the flesh.
- The white references step.
- 18% gray-card references.

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This will tell you which of the main-light intensity settings or distances register a diffused flesh highlight density of 1.10 in the subject’s forehead. The gray side of the KODAK Gray Card that receives the same illumination as the subject should read 0.85 density. The white reference step should read 1.30.

When the 0.30 shadow density in the fill-light test is subtracted from the 1.30 diffused highlight density of the main-light test, the remaining 1.00 density difference is the scene brightness. This density difference can now produce color negatives that will print with full detail in both the shadow and highlight ends of the exposure scale. The 1.00-unit density difference between highlights and shadows assures that the negative matches the color paper scale which, as noted previously, can handle a 1.00-unit density spread.

**Guide Point:** This 1.00-unit density difference is achieved with a 4:1 lighting ratio. In a 4:1 lighting ratio, with a fixed fill light behind the camera, the main light is 1 1/2 stops brighter than the fill light. If you want or need less density in the highlight areas of the print, the lighting ratio can be lowered by using less light from the main light. Do not reduce the fill light.

**Adjustments for Skin Tones:** When photographing a black person, it is not necessary to increase the f-stop exposure, since the exposure was based on a 1.90 reflective black, which is darker than the skin tones.

**Note 1:** All densities are transmission Status M red filter densities. **Note 2:** Black densities are referenced from a 1.90 reflective black, using a KODAK Q14 Gray Scale. **Note 3:** Diffused highlight flesh is referenced from forehead above nose. Diffused flesh is (White Density) - (green gamma x .30).

**Note 4:** Aim point for black is based on +0.10 to +0.20 above base fog (D-min). **Note 5:** White density is +1.00 above black. **Note 6:** Gray Card = Black with texture +1/2 distance to white. **Note 7:** Subtract 0.04 from normal values for films coated on ESTAR Support (i.e., VERICOLOR III Film).

**Background-Light Density Test**

The fill light and main light should both be operating with the watt-second settings and at distances found to be correct in the fill- and main-light tests. The f-stop setting should be f/11, as determined by the first test. Again make a test with the background light at 25, 50, 100, and 200 watt-seconds and include and information card for each setting. When the film is processed, ask for 4 x 5-inch prints with equal density in the diffused highlights of the face. This test will identify the correct watt-second setting for the desired background light glow, enabling you to match the subject’s clothing tones to the background tones.

Once you have completed these tests, you will have calibrated your equipment and all photographic variables so that you will know exactly the effect that these methods will produce in low-key and high-key portrait photography.

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The goal of these tests is to establish the conditions under which you can consistently produce negatives that will print a full range of subject tones.
**A**
- Abbreviation for Ampere or Amperage.

**AC Voltage** - An abridged version of Alternating Current Voltage.

**Accent Light** - Used to draw extra attention to one section of the subject, and add interest and sparkle.

**Ambient Light** - The surrounding light exclusive of that being directed on a specific subject, usually non-directional.

**American National Standards Institute (ANSI)** - An independent industry-wide association that establishes standards to promote consistency and interchangeability among manufacturers.

**Amp** - An abridged version of Ampere.

**Ampere (A)** - A unit of measurement for Electrical Current.

**Angle of Light** - The angle formed between the light-subject axis and camera-subject axis. Both horizontal (H) and vertical (V) should be specified. Examples: Camera-top light about 0° H, 5° V; rim Light 180° H & V; key light commonly 15° to 45° H and V.

**Anode** - An electrode that is positively charged, i.e. the electrode which electrical current moves toward.

**ANSI Code** - A three letter system that has been devised to describe lamps of different manufacture but the same application. The letters have no relationship to lamp description, but the same letters always designate the same type of lamp. Some of the application parameters they define are wattage, base type, envelope size and light center length.

**Aperture** - 1) The planar opening within the optical system of a luminaire that defines the total amount of usable light created by the optical system. 2) A circular ring that attaches to the front of a snoot used in the film and video industries to alter the size and light center strength.

**Arc** - The light caused by an electrical discharge between two electrodes in a gas such as xenon, argon or air. The first usable arc as a practical light source was developed in 1809 by Sir Humphrey Davy.

**Backdrop** - A vertical surface with painted designs which is used to form the background for a theatrical type setting, usually made of heavy cloth drawn tight to achieve a smooth, flat surface. It may sometimes be used as a cyclorama when painted as a sky.

**Background Light** - Aimed at the background for separation of subject and background.

**Balance** - An abridged version of Color Balance.

**Ballast** - An electrical apparatus that limits the electrical current in a particular circuit, usually a circuit containing an arc source.

**Barn Doors** - An apparatus with adjustable flaps, usually 2, 4 or 8, that attaches to the front of a luminaire. It is used to block or shape the beam.

**Beam** - In Photometry, the circular area of the base of a cone shaped beam where the intensity is at least 50% of the maximum intensity. The maximum intensity is ideally located at the center of the...
Cable - A large fabric scrim, often this term is used interchangeably with a wide beam spread.

Broad Light - A light unit with a wide beam spread.

Cable Diameter - The diameter of the base of a cone shaped beam where the perimeter of the base is defined by where the intensity is 50% of the maximum intensity.

Beam Angle - The angle of the vertex of a cone shaped beam where the perimeter of the beam is greater than 50% of its center.

Beam Diameter - The diameter of the base of a cone shaped beam where the perimeter of the base is defined by where the intensity is 50% of the maximum intensity.

Bloom - In the film and video industries, an adjustable arm mounted at an angle from a vertical pipe or stand, often counter-balanced, used to hold lighting or sound equipment.

Boron Silicate Glass - A type of glass commonly used for lenses and mirrors.

Breakup - See the definition for Cucoloris.

Broad Light - A light unit with a wide beam spread.

Bulb - Quite often the term is used interchangeably with a wide beam spread.

C-Clamp - A component of an object to the atmosphere in order to transfer heat from an object to the atmosphere around it by supplying adequate ventilation and/or heat sinks, and without the use of electrical or mechanical items such as fans, blowers, etc.

Color Correction - Adjusting the color temperatures of various luminaires so that they are all the same, or to make them match existing light sources, e.g., sunlight or fluorescent light. This is usually accomplished by utilizing color media, but adjusting the input voltage levels is a method sometimes used for some luminaires.

Color Frame - An apparatus used to hold color media or other types of filters. It can be of various shapes and sizes and may comprise one or more pieces.

Color Temperature - The temperature, in degrees Kelvin, of blackbody that generates light with the closest visual color match to the source being specified, i.e., a measure of the color appearance of light, not the actual temperature of the light.

Cookie (Cookie) - An abridged version of Cucoloris.

Cool Light - Light having a color temperature of approximately 3600°K to 4900°K, i.e., bright-white to bluish-white.

Crank-Up Stand - A stand that is raised and lowered with the aid of a rotatable handle and gear mechanism.

Crown Glass - A type of glass that has excellent optical quality, used for lenses and mirrors.

Crown Glass - An abridged version of Century Stand.

Cucoloris - A type of lens that will carry electrical current, but usually refers to an insulated wire.

C-Stand - An abridged version of Century Stand.

Cucoloris - An opaque or translucent material having a cutout which will allow light to pass through the cutout area in order to project a dappled form, such as a cloud formation on the subject and background.

Cuke (Cukes) - An abridged version of Cucoloris.

Current - An abridged version of Electrical Current.

Cutter - A narrow, rectangular flag, ranging from 18” to 72” in length, and 6” to 24” in width, generally used to block only a portion of the beam.

Cyc - An abridged version of Cyclorama.

Cyc Light - An abridged version of Cyclorama Light.

Cyclorama (Cyc) - A vertical surface which is used to form the background for a theatrical type setting, usually made of heavy cloth drawn tight to achieve a smooth, flat surface. It usually represents the sky or suggests limitless space. Traditionally, cycloramas were dome shaped or horizontally curved, but may now also be flat or vertically curved, as well.

Cyclorama Light (Cyc Light) - A luminia mounted at the top and/or bottom of a cyclorama in order to light it in a smooth, uniform manner.

Cable - 1) To run, hook up and/or interconnect electrical cables and the items to which the cables are connected. 2) A strong, flexible wire rope made of steel, used to support pipes, battens, truss, etc., from an overhead structure.

Cam-loc - A commonly used type of insulated, locking, single conductor cable connector manufactured by Crouse-Hinds Inc. The name Cam-loc is trademarked.

Capacitor - A component designed to have a specific amount of capacitance.

Casters (Castors) - Wheels, generally any item holding several different gels that can be rotated by hand or motor such that any one gel can be placed in front of a luminaria with relative ease.

Conductor - Generally, anything that will carry electrical current, but usually refers to an insulated wire.

Connector - 1) Specifically, the name for a family of electrical wiring devices, such as plugs and receptacles, comprising one or more contacts, a means for electrically attaching a conductor to each contact, a means for electrically insulating each contact from the other, and an overall insulating material around the complete assembly - such that only the contacts are exposed when the connector is properly installed to the item containing the conductors. 2) Generally, any item used to make an electrical connection between two or more separate conductors.

Contrast Ratio - Compare two reflected-light readings: 1) the lightest significant area of the subject or scene, vs. 2) the darkest. Each medium or method of reproduction has different brightness ratio limits. Projected films about 125:1 (seven stops); Video about 32:1 (five stops). Also see Lighting Ratio.

Convex - A term used to describe a lens side that is outwardly and usually spherically curved.

Cookie (Cookie) - An abridged version of Cucoloris.

Cool Light - Light having a color temperature of approximately 3600°K to 4900°K, i.e., bright-white to bluish-white.

Crank-Up Stand - A stand that is raised and lowered with the aid of a rotatable handle and gear mechanism.

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GLOSSARY

LIGHTING TERMS

D

Daisy Chain - 1) A control signal wiring system employed in the interconnection of a plurality of some electronic items, such that the first item's output connector is connected to a second item's input connector via a control cable. A third item is connected to the second in the same manner, and so on until all items have been connected. The control console is connected to the input connector of the first item only, but sends data to all items via the interconnecting control cables. Some items that can sometimes be daisy chained are color scrollers, automated luminaires, and dimmer packs or packs. 2) See the definition for Feed Through.

Daylight - Light that has a color temperature of approximately 5500-5600°K, which has been approximated to be the color temperature of ordinary sunlight during the day under normal atmospheric conditions.

Daylight Filter - A filter used to balance light from a source, such that the spectral distribution will approximate daylight, i.e. 5500-5600°K.

DC - Abbreviation for Direct Current.

DC Voltage - An abridged version of Direct Current Voltage.

Dichroic - A type of metallic coating applied to glass and some other materials that allow certain wavelengths of light, or other electromagnetic radiation, to pass while reflecting all others.

Diffuse - 1) To scatter light using diffusion material. 2) A term used to describe a somewhat dull and/or stippled surface that is moderately reflective.

Diffuse Light - Soft, generally even illumination.

Diffuser - 1) Generally, something made of diffusion material. 2) In the film and video industries, a fabric panel, used for diffusing, with the light source being a luminaire or sunlight. They are available in a variety of sizes and shapes, and materials of varying textures.

Diffusion - An abridged version of Diffusion material or Diffusion Media.

Diffusion Frame - An apparatus used to hold diffusion material. It can be of various shapes and sizes, and may comprise one or more pieces.

Diffusion Material - Any reflecting or transmitting media for which the reflected or transmitted light is distributed uniformly, i.e. scattered over a wide range.

Digital - A term used to describe the use of binary code to record information reduced to numerical form, usually instructional information when referring to control consoles.

Digital Multiplex (DMX) - A system that simultaneously transmits more than one digital signal.

Dim - To change the intensity of a luminaire.

Dimmer - An apparatus used to control the intensity of a luminaire.

Dimmer Pack - A portable housing that contains a group of electronic dimmers, usually not less than 4 or more than 24. Some dimmer packs are designed such that they can be permanently installed.

Dimmer Panel - An apparatus, usually 19” long, that contains a group of electronic dimmers that get installed into a dimmer rack.

Diode - A solid state rectifier.

Direct Current (DC) - An electrical current that maintains constant direction.

Direct Lighting - Illumination on a subject or area that goes directly from the front of the luminaire in a straight line to the subject or area.

Distribution - 1) An abridged version of Light Distribution. 2) Abbreviation for Digital Muxplex. 3) Abbreviation for Digital Muxplex.

DMX - Abbreviation for Digital Muxplex.

DMX 512 - A somewhat unique digital multiplex signal with specific characteristics that is commonly used in the stage and studio lighting industries. Control consoles designed to generate this signal were originally designed to control a maximum of 512 apparatus, usually dimmers, but now can control many more.

Donut - A flat metal apparatus with a circular hole in the center used to reduce halo and sharpen the image when using patterns.

Dot - A small, round scrim, diffuser, reflector, or gobo, placed close to a luminaire, used for dimming, softening, bounce lighting, and casting shadows, respectively. They are usually 3” to 10” in diameter.

Double Ended Lamp - A somewhat elongated lamp that has a base and contact on each end.

Duvetyn (Duvatyne, Duvetine, Duvetyn) - An opaque material used for butterflies, cutters, flags, gobos and overheads in the film and video industries.

E

Ears - The three individual slots that function as the color frame holder found on the front of some luminaires. They are often used to retain other items, such as color wheels, barn doors, etc.

Edison Connector - The standard household male, parallel housing that contains a group of electronic dimmers, usually not less than 4 or more than 24. Some dimmer packs are designed such that they can be permanently installed.

Edison Lampholder - The standard household screw-type lamp that may or may not have a ground pin.

Ellipsoidal - A general term for an unwanted electronic disturbance in conductors or electrical or electronic equipment. This equipment can also be the cause of electronic noise.

Ellipsoidal Spotlight - A spotlight that embodies an ellipsoidal reflector and framing shutters, and sometimes an iris and pattern slot.

Eye Light - A small, intense luminaire used to front light a subject, usually a person’s face, with hard light.

f - Abbreviation for F/Stop.

Fahrenheit - A graduated scale used to measure temperature, with ice being 32° and steam being 212°.

Fall-Off - A term used to describe the illuminated area just outside of the field. (This term may also refer to the illumination in this area.) Light from a point source, falls off inversely to the square of the distance. Move the light from 10’ away to 20’ away, and you have 1/4 of the intensity; 40’, 1/16th.

Diffused lights fall-off even faster than point sources. Tip: To minimize fall-off within a scene, use hard-lights as far away as practical.

fc - Abbreviation for Footcandle.

Female - A term applied to a connector that contains the holes and/or slots for receiving the pins, prongs, blades and/or tabs of a male connector. The female connector should always be attached to the line side of a circuit.

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Field Angle - The angle of the vertex of a cone-shaped beam where the perimeter of the base is defined by where the intensity is 10% of the maximum intensity.

Field Diameter - The diameter of the base of a cone-shaped beam where the perimeter of the base is defined by where the intensity is 10% of the maximum intensity.

Filament - The wire inside an incandescent lamp envelope that glows and emits light when heated, i.e. when electricity passes through it.

Fill - To create the illumination needed to reduce shadows in an area or on a subject.

Fill Light - Used from the side opposite that of the key light, this light softens the shadows created by the key and evens out the lighting ratio.

Filter - A term that refers to color media, diffusion material, or neutral density filter.

Filter Frame - See the definition for Color Frame.

Finger - A small, narrow, rectangular scrim, diffuser, reflector, or gobo, placed close to a luminaire, used for dimming, softening, bounce lighting, and casting shadows, respectively. They are usually 2” to 6” in length and 12” to 14” in width.

FL - A lamp designation that means “flood”.

Flag (Filter, Gobo) - An opaque panel, usually made of fabric, placed into the beam of a luminaire to block a portion of the beam or the whole beam. It can also hide lights in the dark recesses of a scene. They are usually square or slightly rectangular in shape, ranging from 10” to 48” in length, and 12” to 48” in width. Which term you use depends upon the device’s size and what part of the country you are in.

Flat Light - See the definition for Diffuse Light. All light is characterless, textureless and shallow-shadowed, when the source is close to the camera.

Soft light is, by its nature, flatter than Hard Light, but even a soft source, above or to the subject’s side, is not flat. *Proof: Vermeer.*

Flicker - The strobing of some luminaires that cannot be visually detected because of the frequency of its output voltage, but can adversely affect the way motion picture film records light.

Flicker-Free - A term used to describe electronic ballasts that electronically alter the electrical frequency that causes flicker.

Flood - 1) The position of a moveable lamp, lens or pair of lenses on a spotlight that produces the widest field angle. 2) To direct a large amount of light on a relatively large area.

Flood Light - A luminaire consisting of a rectangular, lamp and sometimes a single lens, used to direct a large amount of light on a relatively large area.

Floppy Flag - A large flag that is designed to fold in half and function as a cutter or smaller flag.

Fluorescence - The property of certain materials to absorb radiation of certain wave-lengths, usually ultraviolet, and re-emit the radiation as light.

Foamcore - A polystyrene, styrofoam material used as a substrate for some reflector boards, effective because of its lightweight and ease of mounting via reflector forks.

Focus - To aim and adjust a luminaire to give the beam its desired size (spot or flood), edge (soft or hard), field (even or peak), and/or shape (round, patterned or cut).

Focus Lens - A moveable lens in a multi-lens optical system that adjusts the focus of a luminaire.

Follow Spot - A narrow-beam focusing instrument that is manually operated and usually comprises a powerful light source, an iris, shutters, a color changer, and perhaps other features. It is usually operated from an adjustable stand and is used to follow performer(s) on a stage with its beam, surrounding the performer(s) in a large pool of light.

Fresnel (fc) - A non-metric unit of measurement for Illumination, i.e. 1 lumen per square foot.

Framing Projector - A spotlight that has framing shutters.

Framing Shutters - Thin, movable, heat-resistant metal plates that are introduced into a beam such that a portion of the beam is blocked off, i.e. framed, affecting the beam pattern, usually forming a sharp edge in the beam. They are used in various types of luminaires, but extensively in ellipsoidal spotlights, usually 4 (top, bottom, right and left), and follow spots, usually 2 (top and bottom), always situated internally, and usually at the aperture. Framing shutters generally can be independently adjusted, but those used in follow spots usually move simultaneously with a single control mechanism.

French Flag - A small metal flag, usually used for shading.

Fresnel - An abridged version of Fresnel Spotlight.

Fresnel Lens - Named for its inventor, French physicist, Augustin J. Fresnel, and developed around d 1800 for lighthouses, this is a flat lens consisting of concentric rings on one side that are segments of the spherical portion of a plano-convex lens. The other side is flat, i.e. plano. It controls light in the same manner as a plano-convex lens. Many luminaires employing this type of lens have a stipped pattern on the flat side of the lens to diffuse and therefore smooth out the beam.

Fresnel Spotlight - A spotlight employing a single fresnel lens that produces a soft-edged beam and usually provided with a spherical reflector and a means to adjust the focus from spot to flood.

F/Stop - A rating often applied to scrim used in the film and video industries on their ability to dim light. This rating is directly related to a camera’s ability to allow for the admittance of light.

Full Scrim - A metal scrim whose screen occupies the complete frame.

Fuse - An electrical device designed to open a circuit automatically on a predetermined overcurrent. Some fuses automatically close when the overcurrent no longer exists, but most do not.

G

Gaffer - A term used by professional film and video industry lighting people to refer to someone overseeing those operating or utilizing luminaires and related equipment, such as electric cables, dimmers, etc.

Gaffer Grip - A large, spring-loaded clamp with serrated or rubber cushioned jaws. It usually has a stud or studs for the attachment of luminaries and grip equipment.

Gaffer's Pole - See the definition of Operating Pole.

Gag - An apparatus that comprises two gripheads attached to each other via a common bolt.

Gel (Gelatin, Media) - As used with photographic lights, a strong, flexible, fade-resistant material, used to change the color, amount or quality of light. Tip: Blues fade fairly fast.

Guide Number - Guide numbers proclaim the power of strobes. Closest equivalent for Hot lights, Footcandles, Lux or our f-stop approximations.

Hair Light - Light source aimed at the subject’s hair to create separation from the background and add sparkle and highlights.
**GLOSSARY**

**LIGHTING TERMS**

**Halation** - The distortion that appears around the edge of a sharply focused beam pattern. This effect can be reduced with the aid of a donut.

**Half Scrim** - A metal scrim whose screen occupies one half of its frame such that the straight edge of the screen is located at the diameter of the frame.

**Halogen** - The name for a family of gases used in lamps to maintain proper color temperature and to keep the inside wall of the envelope clean.

**Hard Edge** - A beam pattern edge that is very clear and distinguishable, i.e. one without a fuzzy or blurry perimeter.

**Hard Light** - 1) Illumination, i.e. the light rays as they pass through a degree in the centigrade scale. Each degree is the same magnitude as heat (absolute zero). Each sure temperature with 0° (-273° C) used as color media.

**Head** - 1) A general term for a fresnel spotlight. 2) The part of a follow spot that contains the light source, i.e. not the stand, ballast or interconnect cable. 3) The part of a metal halide luminaire that contains the lamp, i.e. not the ballast or interconnect cable. 4) The part of an ellipsoidal spotlight that contains the reflector, i.e. not the lens barrel or the cap. 5) An abridged version of Grip Head or Ball Head.

**Hertz** - A unit of measurement for the frequency of alternating current, i.e. one cycle per second.

**Highboy (Hiboy)** - A heavy-duty stand designed to hold luminaires or heavy grip equipment. The stand is equipped with wheels and tall risers, and usually a 1/4” receiver and a grip head.

**High Key** - A lighting style in which the majority of the scene is highly illuminated, usually enhanced by bright costumes and sets. A low ratio of key plus fill light to fill light lowers the contrast, helping to obtain this effect.

**Hollywood Box** - A piece of power distribution equipment used in the film and video industries, comprising a metal housing, a means for connecting an electrical supply, and female flush mount connectors and/or bus bars that can be electrically connected to with bus bar lugs, for the purpose of supplying electricity to luminaires. Some are also provided with overcurrent protection.

**Hot Lights** - A low-angle side-back light that adds a slight glare to the side of the subject.

**Hot Restrike** - Common term for a lamp, or a luminaire that has just been electrified. The term Osram HMI is trademarked.

**HMI** - Abbreviation for Hydrazurgum (Greek for M ercury) M edium-A rc Lodides. This is a commonly used type of metal halide lamp manufactured by Osram-Sylvania Corp. The term Osram HMI is trademarked.

**HZ** - Abbreviation for Hertz.

**Incandescent** - A term used to describe a lamp, or a luminaire that utilizes such a lamp, that employs the incandescence of a filament as its light source. Such a lamp was first developed by Thomas Edison (United States) and Joseph Swan (Great Britain), independently, in 1879.

**Indirect Lighting** - Illumination that falls on an area or subject by reflection, e.g. bounce lighting.

**Infrared** - 1) A reference to anything that uses or emits infrared radiation. 2) Electromagnetic radiation having a wavelength longer than visible red light but shorter than microwaves, i.e. approximately 750mm to 1mm.

**Infrared Light (IR Light)** - Although not actually light, this is a commonly used term for Infrared Radiation.

**Inky** - A small fresnel spotlight with a 1.5” to 3” lens diameter, usually 100-250 watts.

**Inky Dink** - See the definition for Inky.

**Instant Restart** - See the definition for Hot Restrike.

**Instant Restrike** - See the definition for Hot Restrike.

**Intensity (Light Output)** - The “strength” of the incident-light source, independent of the subject’s reflectivity.

**Inverse Square Law** - An equation relating the intensity of a source to the illumination it produces at a given distance squared, i.e. illumination (fc) = Intensity (cd) / Distance² (ft²).

**Iodide** - A halogen gas used in lamps to maintain proper color temperature and to keep the inside wall of the envelope clean.

**IR** - Abbreviation for Infrared.

**Iris** - An abridged, but commonly used version of Iris Diaphragm.

**Iris Diaphragm** - An arrangement of thin movable heat-resistant metal plates, i.e. leaves, that form an adjustable circular opening. They are usually placed within an ellipsoidal spotlight or follow spot in order to adjust the diameter of the beam, or in some cases, to mechanically dim the beam.

**K** - 1) Abbreviation for Kelvin. 2) An abridged version of Kilowatt in the theater, film and video industries.

**Kelvin (K)** - In the metric system, a graduated scale used to measure temperature with 0° (-273° C) being the total absence of heat (absolute zero). Each degree is the same magnitude as a degree in the centigrade scale.

**Key Light** - Also "main light" -- The principle source of light which establishes the character of the lighting, including atmosphere and mood. It may suggest a source, like the sun, or window.

**Key Grip** - The supervising grip on a production, i.e. the person ultimately responsible for all other grips and grip equipment.

**Kicker** - A low-angle side-back light that adds a slight glare to the side of the subject.

**Kilowatt (kW)** - 1000 watts.

**Lamp** - 1) Any light source in a self-contained package, comprising an envelope, filament or electrodes, base, contacts, gas, and any support structures. The source can be of the incandescent, fluorescent, or arc type. 2) Quite often this term is used interchangeably with Luminaire, especially in the theater industry. 3) To install a lamp in a luminaire.

**Lamp Base** - See definition #2 for Base.

**Lavender** - A material used for fabric scrim used in the film and video industries.

**Leko** - A commonly used term for an ellipsoidal spotlight. Named after its inventors Levy and Kook, the names Leko and Lekolite are trademarked by Strand Lighting Co.

**Leads** - The electric cable(s) or sleeved, insulated wires, attached to a luminaire or piece of power distribution equipment via strain relief, that terminate in a connector for the purpose of providing an electrical connection to the electrical supply or to another luminaire.

**Lens** - A transparent material, usually glass, shaped to bend light rays as they pass through it. Colored lenses can also be used as color media.

**Light** - 1) Illumination, i.e. the aspect of radiant energy of which a human observer is aware through a visual sense.

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Its electromagnetic radiation has a wavelength longer than ultraviolet but shorter than infrared radiation, i.e., approximately 380mm (violet) to 750mm (red). 2) A term that is often used interchangeably with Luminaire.

Light Distribution - The way in which illumination of any color or quantity is spread over a particular background.

Lighting Director - One who is responsible for the execution of the lighting design for a production, and in some instances, may also be the Lighting Designer.

Lighting Ratio - The ratio of Key-Light plus Fill, vs Fill-Light only, using an Incident-light Meter. (If the first is 200 foot-candles and the second 50, the ratio is 4:1, or a two stop difference.) Optimum and maximum Lighting Ratios depend upon subject matter, mood, media and type of reproduction, as well as personal taste. In television, a timid ratio is 2:1, a dramatic one, 8:1; a maximum one, about 16:1 (4 stops). Film and slides can handle higher ratios than video and printed photos. Also see Brightness Ratio.

Consolation: If it were less confusing, imagine how crowded our craft would be.

Light Meter - Any apparatus used to measure various quantities of light, i.e., color temperature, footcandles, lux, flash etc.

Light Source - Anything that emits light, such as an arc or a filament, or in early stage lighting, the flame of a burning wick or gas.

Light Spill - A general term used to describe any stray light, including light leak.

Location Fresnel - A fresnel spotlight used primarily in non-standard production settings, i.e., locations other than stages or studios. Because portability is generally a concern, they tend to be smaller in size when compared to studio fresnels of the same wattage.

Long Throw - A term used to describe a luminaire that has an effective intensity at a relatively long distance. This term is very subjective and dependent on the type of luminaire used.

Louver - An opening provided with one or more slanted fixed or movable fins to control the angle of light. (Like venetian blinds for lighting).

Lowboy (Loboy) - A long, light-weight luminaire that utilizes a continuous filament, or in early stage fusing, imagine how crowded our craft would be.

Low Key - A lighting style in which the majority of the scene is scarcely illuminated, usually enhanced by shadows and dark costumes and sets. A high ratio of key plus fill light to fill light increases the contrast, helping to obtain this effect.

Lumen - A unit of measurement for Luminous Flux.

Lux - A metric unit of measurement for Illumination, i.e., 1 lumen per square meter.

Main Light - See the definition for Key Light.

Magnetic - A term used to describe an apparatus that utilizes a magnetic field to function.

Magnetic Ballast - A ballast that uses a magnetic field to limit electrical current. These types of ballasts generally do not prevent flicker.

Magnetic Transformer - A transformer that uses a magnetic field to convert voltage from one value to another. Simple common magnetic transformers consist of two wire coils wrapped around an iron core, each winding having its own pair of leads, one pair for the application of an input voltage, and the other pair for the output voltage.

Male - A term applied to a connector that contains the pins, prongs, blades, and/or tabs for insertion into the holes or slots of a female connector. The male connector should never be attached to the line side of a circuit.

Mercury Vapor Lamp - An arc lamp whose gas is primarily mercury vapor.

Metal Halide Lamp - An arc lamp that uses mercury vapor combined with metal halides, that when heated, radiates light with a color temperature of approximately 5500K.

MF - A lamp designation that means “medium flood”.

Modeling Light - A continuous burning light in the center of a flash unit used to preview the location of the illumination and shadows from the flash burst.

Mogul Base - A lamp base that falls in the larger range of sizes for the type of base in question, i.e., approximately, 1/16” diameter for screw and prefocus type bases, approximately, 1/12” post-to-post distance for bi-post bases, and approximately, 1/18” prong-to-prong distance for end prong and extended end prong bases.

Muslin - A material used for fabric scrims used in the theater, film and video industries. Also used in the manufacturing of backgrounds.

MR Lamp - A designation for a type of lamp. Originally, this designation meant a lamp with a small, integral, multifaceted reflector, but has since come to designate a lamp with a small, integral, mirrored reflector. The reflector could be parabolic or elliptical.

Mylar - A type of plastic that can withstand fairly high temperatures used to manufacture color media.

Nanometer (nm) - A unit of measurement commonly used for wavelengths of light, equal to 1/1,000,000,000 meters.

Neutral Density Filter - A filter that reduces the intensity of light without affecting its color.

NFL - A lamp designation that means “narrow flood”.

Noise - An abridged version of Electrical Noise.

Non-Dim - 1) A term used to describe a circuit that does not pass through a dimmer. 2) A term used to describe a load that is not intended to be connected to a dimmer.

NSP - A lamp designation that means “narrow spot”.

Open Face - A term used to describe the luminaires that use no lenses.

Operating Pole - A long, light-weight rod with a handle on one end and an attachment on the other for the purpose of adjusting or switching on pole-operated yokes, luminaires, pantographs, etc.

Overhead - A large scrim, diffuser, reflector, or opaque fabric panel, used for dimming, softening, bounce lighting and shading, respectively, with the light source being a luminaire or sunlight. They are usually 12’ to 40’ square and mounted on stand supported frames.

Par - An abridged version of Par Lamp, Par Can, or Par Light.

Parabolic Reflector - A reflector designed to align light rays generally parallel to the axis formed by the point source and the center of the reflector, eventually resulting in a cylindrical-to-wide beam. The reflector has the shape of a paraboloid.

Par-Lamp - A designation for a type of lamp. In this case, one with a parabolic aluminized reflector.

Par-Light - A generally lightweight luminaire that utilizes a PAR lamp. The beam characteristics depend on the type of PAR lamp used.

Pattern - A very thin, heat-resistant metal plate with a design...
**C** shaped Pipe Clamp

Photometric Polarizing Filters

A lens Plano

A spotlight that has Pinspot

Photometric Data

A motorized Pot

A term used to describe a luminaire, yoke, pantograph, or other apparatus that can be controlled via an operating pole. Pot - An abridged version of Potentiometer. Potentiometer (Pot) - An electrical component that has the ability to vary the resistance in an electrical circuit. It always has a means for adjustment, such as a knob or handle. Pyrex - A type of borosilicate glass that can withstand very high temperatures, used for lenses and mirrors. Manufactured by Corning Glass Co., the name Pyrex is trademarked.

**Q**

Quartz - An abridged version of Fused Quartz. Quartz-Halogen - See the definition for Tungsten-Halogen. Quartz-Iodine - A term used to describe a family of tungsten-halogen lamps that use the halogen gas iodine and an envelope made of quartz in their manufacture.

**R**

Reflector - 1) Generally, anything that causes reflection. 2) A metal or glass apparatus, usually curved in some manner, used in most luminaires for the purpose of directing light rays from a light source. 3) In the film and video industries, a metallic or reflective fabric panel, used for bounce lighting, or simply to redirect light, with the light source being a luminaire or sunlight. They are available in a variety of sizes and shapes, and materials of varying reflectance. Reflector Board - A reflector for the film and video industries made out of a solid, lightweight, metallic coated material. One side is usually mirror-like for hard light reflection, and the other side is diffused for bounce lighting. Refraction - The bending of electromagnetic radiation, such as light or heat, as it passes obliquely from one medium to another of different density. Reporter Light - A compact, lightweight, hand-held floodlight often used in conjunction with video cameras and often powered by batteries for portability. Rim Light - 1) Back light that usually refers to illuminating objects, not persons. 2) A luminaire that provides such illumination. Rocky Mountain Leg - A height adjustable leg on a stand, usually a grip stand. High saturation is one with little or no white light added to the color, like deep red. Low saturation is one with a large amount of white light added to the color, such as light pink.

Scoop - Named for its scooped-like shape, an open face flood light with a large, diffuse reflector that is essentially the body of the luminaire. The reflector is parabolic, spherical, or ellipsoidal, and is generally made from unpainted aluminum.

Screw Base - A threaded, cylindrical shaped lamp base with a single contact on the bottom. The threaded part of the base holds the lamp into its socket and acts as the second contact. Scrim - 1) In the theater industry, a thin, gauze-like curtain. When illuminated from the front, it appears opaque, and when illumination is present behind it but not on it, the scrim becomes almost transparent. It can also appear translucent when there is some illumination directly on it, and some illumination present behind it, in the proper proportions. 2) In the film and video industries, a fabric panel, used for dimming, with a light source being a luminaire or sunlight. They are available in various sizes and shapes, and materials of varying density. 3) In the film and video industries, a round, framed metal screen, available in various densities, placed on the front of a luminaire to act as a dimmer. They are also available such that only half of the frame is screened, therefore allowing for only a portion of the light to be dimmed. For us, a metal screen used in front of a light to reduce intensity without Diffusion. But thanks to the mystery and magic of show biz, other devices which do diffuse, are also called scirms. Tip: If you can see a clear image through the material, there is no diffusion or confusion.
Scrim Set - A set of metal scrims comprising a full double density, half double density, full single density and half single density.

Sealed Beam Lamp - A lamp with an integrated light source, reflector and lens, all of which are either sealed within, or are a part of the envelope.

Shutter Blade - A single framing shutter.

Shutters - 1) An abridged version of Framing Shutters. 2) A rectangular, metal apparatus that resembles a Venetian blind in form and function, generally used as a mechanical dimmer or blackout mechanism on large spotlights.

Side Light - 1) Illumination of a subject from the side to place the subject in depth. 2) A luminaire that provides such illumination.

Silk - 1) Specifically, a fabric used for linear diffusion material, i.e. it spreads the light linearly. It can be natural Silk, nylon, etc. 2) Generally, a scrim used in the film and video industries made from Silk.

Single Ended Lamp - A lamp that has only one base and all of its contacts on the base.

Snoot - A cone-shaped accessory that mounts on the light to confine the beam to a very small spot.

Soft Edge - A beam pattern edge that is not very clear and distinguishable, i.e. one with a fuzzy or blurry perimeter.

Soft Light - 1) Illumination that produces shadows with a soft edge. 2) A luminaire that provides such illumination.

Solid - An opaque panel, usually made of fabric, placed into the beam of a luminaire to block a portion of the beam or the whole beam.

SP - A lamp designation that means “spot”.

Specular - A term used to describe a surface that is highly reflective, i.e. mirror-like.

Specular Light - See definition #1 for Hard Light.

Spot - 1) An abridged version of Spot Light. 2) The position of a moveable lamp, lens or pair of lenses on a spotlight that produces the most narrow field angle. 3) To mark a location to which a luminaire is to be focused. 4) A term used to describe a round light pattern.

Spot Light - Generally, any of several types of luminaires capable of emitting a beam pattern that is round, or in some instances, oval in shape, but more specifically this term refers to fresnel spotlights, ellipsoidal spotlights, and follow spots.

Spun Glass - A diffusion material made from glass fibers.

Stand Adapter - An apparatus used for converting one type of mounting hardware attached to a stand, such as a pin to another, such as a receiver.

Striplight - A multi-lamp luminaire with its lamps mounted in a straight row.

Strobe - An abridged version of Strobelight.

Strobe Light (Flash) - A luminaire specifically designed to create a strobe effect, usually using an arc lamp as its light source.

Stud - 1) A metal protrusion, generally 3/8”, 1/2”, 5/8” or 11⁄8˝ in diameter. It is used to mount luminaires and assorted grip equipment, so equipped, to a receiver. Studs also have wide, circular grooves designed to capture the tip of the tee handle or bolt provided with the receiver. This prevents the receiver-stud combination from unintentionally uncoupling, and can also prevent the stud from rotating within. 2) Any threaded metal protrusion used to mount luminaires and assorted grip equipment, so equipped, to a nut or threaded socket.

Studio Fresnel - A fresnel spotlight used primarily in studios for the film and video industries. Because portability is generally not a concern, they tend to be larger in size when compared to location fresnels of the same wattage.

Three-Point Lighting - The standard lighting system of key, fill and back lighting from which all other lighting set-ups evolve.

Transformer (Xformer) - An item that converts voltage from one value to another. There are two basic types, electronic and magnetic, and both come in many configurations.

Translucent - A term used to describe something that transmits light, but scatters light rays such that a clear image cannot be seen through the material.

Transparent - A term used to describe a surface that is highly reflective, i.e. mirror-like.

UV - Abbreviation for Ultraviolet.

V

Volt (V) - A unit of measurement for Voltage.

Voltage (V) - The measure of voltage potential, in volts.

W

Warm Color - Generally, a color that is in the yellow-orange-red range.

Warm Light - Light having a color temperature of approximately 2600°K-3400°K, i.e. yellow-white to red-white.

Wash - An even overall illumination over a large area.

Wash Light - A luminaire used to produce a wash.

Watt (W) - A unit of measurement for heat or Electrical Power.

Wavelength - The distance measured in the direction of propagation, of a repetitive electromagnetic wave between two successive points.

Xenon - A gas used in some arc lamps that allows for a point source with extremely high luminous intensity and a color temperature of approximately 6200°K.

Ultra-Violet Light (UV Light) - Although not actually light, this is a commonly used term for Ultraviolet Radiation.

Ultraviolet Radiation - The electromagnetic radiation having a wavelength longer than x-rays but shorter than violet light, i.e. approximately 40nm to 380nm.

Y

Y-Cable - See the definition of Twofer.

Zoom - An abridged version of Zoom Focus. Some ellipsoidal spotlights & many follow spots have a zoom focus system.
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**ORDER BLANK**

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**SHIPPING:** See next page for shipping information

**N.Y. STATE CUSTOMERS:** ADD LOCAL SALES TAX OF YOUR AREA

**TOTAL**

**Signature:** __________________________

---

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## SHIPPING, HANDLING & INSURANCE

### U.S.A. WITHIN THE FOLLOWING ZIP CODE RANGES

<table>
<thead>
<tr>
<th>ZIP CODE RANGE</th>
<th>U.S.A. WITHIN THE FOLLOWING ZIP CODE RANGES</th>
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<td>10000-29999</td>
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<td>30000-33999</td>
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### UPS 3-DAY SERVICE

<table>
<thead>
<tr>
<th>MINIMUM CHARGE</th>
<th>3-5 Day delivery time (insurance add 50¢ per $100 for all zones)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$6.95 for 1st lb</td>
<td>Add $4.45 for 1st lb.</td>
</tr>
<tr>
<td>$7.95 for 1st lb</td>
<td>Add $6.55 for 1st lb.</td>
</tr>
<tr>
<td>$19.00 for 1st lb</td>
<td>Add $2.50 for each add. lb.</td>
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</table>

### UPS 2-DAY SERVICE

<table>
<thead>
<tr>
<th>MINIMUM CHARGE</th>
<th>2nd Day Service to 50 states. 3 day to P.R. (insurance add 50¢ per $100 for all zones)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$12.00 for 1st lb</td>
<td>Add $1.55 for each add. lb.</td>
</tr>
<tr>
<td>$14.00 for 1st lb</td>
<td>Add $2.00 for each add. lb.</td>
</tr>
<tr>
<td>$19.00 for 1st lb</td>
<td>Add $2.50 for each add. lb.</td>
</tr>
</tbody>
</table>

### UPS NEXT DAY SERVICE

<table>
<thead>
<tr>
<th>MINIMUM CHARGE</th>
<th>Overnight Service to 50 states and P.R.; U. S. Territories 3-5 days (insurance add 50¢ per $100 for all zones)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$27.00 for 1st lb</td>
<td>Add $2.25 for each add. lb.</td>
</tr>
<tr>
<td>$32.00 for 1st lb</td>
<td>Add $3.50 for each add. lb.</td>
</tr>
<tr>
<td>$37.00 for 1st lb</td>
<td>Add $4.00 for each add. lb.</td>
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### TRUCK/AIR FREIGHT

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<th>MINIMUM CHARGE</th>
<th>up to 250 lbs. (Insurance add 50¢ per 100)</th>
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<tbody>
<tr>
<td>$150.00 up to 250 lbs.</td>
<td>Add $60¢ for each add. lb.</td>
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<tr>
<td>$175.00 up to 250 lbs.</td>
<td>Add $75¢ for each add. lb.</td>
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### PRIORITY MAIL

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<th>MINIMUM CHARGE</th>
<th>up to $5000 value (insurance add 1.25¢ per $100 for all zones)</th>
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<tr>
<td>$30.00 for 1st lb</td>
<td>Add $3.25 for each add. lb.</td>
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<tr>
<td>$33.00 for 1st lb</td>
<td>Add $3.50 for each add. lb.</td>
</tr>
<tr>
<td>$33.00 for 1st lb</td>
<td>Add $3.50 for each add. lb.</td>
</tr>
<tr>
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</tr>
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<td>Add $3.50 for each add. lb.</td>
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### CANADA

<table>
<thead>
<tr>
<th>MINIMUM CHARGE</th>
<th>(Up to $1000 value)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$18.00 for 1st lb</td>
<td>Add $1.75 for each add. lb. (Insurance add 25¢ per $100)</td>
</tr>
<tr>
<td>$25.00 for 1st lb</td>
<td>Add $3.00 for each add. lb. (Insurance add 25¢ per $100)</td>
</tr>
<tr>
<td>$25.00 for 1st lb</td>
<td>Add $1.50 for each add. lb. (Insurance add 25¢ per $100)</td>
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### INTERNATIONAL (BY COUNTRY RANGE)

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<tr>
<th>MINIMUM CHARGE</th>
<th>(Up to $1000 value)</th>
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<tr>
<td>$18.00 for 1st lb</td>
<td>Add $3.00 for each add. lb. (Insurance add 25¢ per $100)</td>
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<tr>
<td>$25.00 for 1st lb</td>
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<td>Add $4.00 for each add. lb. (Insurance add 25¢ per $100)</td>
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