Fluorescent Ring Light with Dimmer

INSTRUCTIONS
Thank you for choosing Impact.

The Impact Fluorescent Ring Light with Dimmer is a continuous light for photography and video. It casts a soft, wraparound light without the harsh shadows of conventional flashes, all the while minimizing heat so you can get close to your subject. The fluorescent lamp produces a pleasing daylight glow at 5200 K for a natural light quality, and a textured silver lining in the housing maximizes output. A user-controlled dimmer adjusts the brightness from 30%–100%.

The Impact FRC-RLSL mounts to most light stands that have a 5/8” stud. A flexible mounting-arm adapter enables you to mount and bend the light into position, and an included mini ball head with L-bracket allows you to attach your point-and-shoot or mirrorless camera into the center of the ring. Use the adjustable phone adapter to attach your smartphone, and the cold shoe to mount other options to your light rig.

Included diffusion and tungsten conversion panels clip easily to the housing of the ring light. With the mini ball head, the L-bracket allows attachment of the mirror accessory so your model can make quick touch-ups before the next shot. Feel secure transporting everything from one location to the next with the padded carrying case.
• Please read and follow these instructions, and keep this manual in a safe place.
• Handle the unit with care.
• Clean the unit with a soft, dry cloth.
• Keep this unit away from children.
• Make sure everything is secure before proceeding.
• Make sure the item is intact and that there are no missing parts.
• Do not exceed the maximum load capacity.
• All photos are for illustrative purposes only.
Overview

1. 19” Ring light fixture
   • Light stand mounting knob
   • 5/8” mounting spigot
   • Angle tilt knob
   • Power/dimmer switch
2. 18” Fluorescent ring lamp (user replaceable)
3. Clip-on diffuser panel (×4)
4. Clip-on tungsten conversion panel (×4)
5. Flexible stand mount
6. Mini ball head mount
7. Cold shoe extension/smartphone cradle
8. Mirror attachment
9. Padded carrying case
Operating Instructions

Mounting on a light stand

The Impact Ring Light mounts to any standard 5/8” studded light stand. Loosen the light stand mount locking knob and seat the mounting receiver onto the stud of the light stand. Tighten the locking knob until secure, but do not overtighten.

Attaching the flexible stand mount

The flexible stand mount attaches to any standard 5/8” studded light stand. Loosen the locking knob on the flexible stand mount, and seat the mounting spigot onto the stud of the light stand. Tighten the locking knob until secure.
Loosen the ring light’s stand mounting knob and seat the mounting spigot on top of the flexible stand mount. Tighten the light stand mounting knob until secure. Adjust the ring light into the desired angle.

**Connecting to a power supply**
Plug the power cord into a grounded 110/120 V AC power supply only.

**Adjusting the light angle**
Loosen the angle tilt knob and position to the desired angle. Retighten the angle tilt knob, but do not overtighten.

**Switching on the power/dimmer**
With the ring light facing away from you, rotate the power/dimmer knob counterclockwise until you hear a click. The lamp will take a few seconds to turn on and will be at full brightness. Within a few more seconds, it will decrease brightness to the current dimmer setting.
Adjusting the brightness
With the ring light facing away from you, rotate the power/dimmer knob to adjust the highest setting.

Attaching the mini ball head
Loosen the mounting foot at the base of the mini ball head. With the ring light facing away from you, slide the mini ball head mounting foot into the center shoe mount on the ring light housing. Rotate clockwise to tighten. It may be necessary to pull up on the mini ball head and rotate clockwise when tightening.
Operating Instructions

Attaching your camera
Align the 1/4”-20 stud on the mini ball head with the tripod mount of your camera. Rotate your camera clockwise onto the stud until secure. Use the locking thumbwheel on the ball head to tighten the attachment.

Adjusting the mini ball-head angle
Loosen the ball-head locking screw and angle it to the desired position. Retighten the ball-head locking screw so that your attached camera is secure.
Attaching the mirror

Loosen the mirror’s locking screws. Slide the the secure loops, which are on the back of the mirror attachment, onto the L-bracket. Make sure that the mirror will face your subject. Tighten the locking screws on the back of the mirror so that it does not move around. Remove the plastic film from the front of the mirror.
Operating Instructions

Attaching the cold shoe extension/smartphone cradle

Align the 1/4”-20 threaded socket on the bottom of the cradle with the mini ball head’s 1/4”-20 stud. Rotate the cradle clockwise until secure.

Securing your smartphone on the cradle

Press the button on the side of the cradle to extend the cold shoe. The smartphone cradle is padded for no-slip security when your smartphone is inserted. Insert your smartphone, and press down on the cold shoe until your smartphone is secure.
Attaching the diffuser or tungsten conversion panels

The panels clip onto the front housing of the light ring to modify the light. Each one has tabs that clip onto the housing, and alignment lips to match up with the adjacent panels. Find the panel with the half-dome tab to align with the bottom of the lamp housing. Place and align the next panel so that one lip overlaps the next.

For the last panel, slide its alignment lip under the lip of the first panel. Firmly clip the panel onto the housing.
Changing the fluorescent lamp

When changing the fluorescent lamp, make sure to replace it with the Impact Replacement 18” Ring Lamp (FRC-RLSL LAMP).

1. Unplug the Impact Ring Light from the power supply.

2. Detach the four-pin plug from the fluorescent lamp.

3. Gently remove the lamp from each one of the four clips in the ring light housing.
4. Place the new, replacement 18” ring lamp and position it above the four clips in the ring light housing.

5. Gently clip the fluorescent lamp into each one of the four ring light housing clips.

6. Attach the four-pin plug to the ring lamp.
## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power requirements</td>
<td>120 V, 50/60 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>65 W</td>
</tr>
<tr>
<td>Tungsten equivalent</td>
<td>260 W</td>
</tr>
<tr>
<td>Output</td>
<td>Max illuminance: 931 lx @ 1 m</td>
</tr>
<tr>
<td></td>
<td>Min illuminance: 541 lx @ 1 m</td>
</tr>
<tr>
<td>Light source</td>
<td>Fluorescent, user replaceable</td>
</tr>
<tr>
<td>Lamp life</td>
<td>6,000 hr.</td>
</tr>
<tr>
<td>Color temperature</td>
<td>5200 K (+200 K)</td>
</tr>
<tr>
<td>Reflector</td>
<td>Silver lining</td>
</tr>
<tr>
<td>CRI</td>
<td>90</td>
</tr>
<tr>
<td>Dimming</td>
<td>Yes</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Outer diameter: 19” (48.3 cm)</td>
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<tr>
<td></td>
<td>Inner diameter: 14.5” (36.8 cm)</td>
</tr>
<tr>
<td></td>
<td>Depth 2.75” (7 cm)</td>
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<tr>
<td></td>
<td>Power cord length: 7.6’ (2.3 m)</td>
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<tr>
<td>Weight</td>
<td>2.7 lb. (1.22 kg)</td>
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One-Year Limited Warranty

This IMPACT product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider’s responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider’s discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Impact Customer Service Department to obtain a return merchandise authorization (“RMA”) number, and return the defective product to Impact along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser’s own risk and expense.

For more information or to arrange service, visit www.impactstudiolighting.com or call Customer Service at 212-594-2353.

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www.gradusgroup.com
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