

impact™



3-Lamp Fluorescent Ring Light 19"  
**INSTRUCTIONS**

# Introduction

Thank you for choosing Impact.

The Impact 3-Lamp Fluorescent Ring Light 19" is a continuous light for photography and video. It casts a soft, wraparound glow without the harsh shadows of conventional flashes. Three fluorescent lamps produce a pleasing daylight color at 5200 K for natural light quality, and white lining in the housing maximizes the output. The fluorescent lamps minimize heat so you can get close to your subject, which is ideal for portrait or product photography.

Each lamp has an independent power switch, allowing individual selection of the lamps. The tilt-and-ratchet stand mount attaches to most light stands that have a 5/8" mounting stud. And most small- to medium-size camera and lens combos will work with the 100 mm lens opening and camera-mountable bracket. The bracket is adjustable vertically and allows adjustment of your camera horizontally for a universal fit.

# Precautions

- Please read and follow these instructions, and keep this manual in a safe place.
- Handle the unit with care.
- Clean the unit with only 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 images are for illustrative purposes only.

# Overview

1. Ring light fixture
  - Carrying handle
  - 100 mm lens opening
  - Camera bracket locking knobs
  - Power switches
  - Fuse
  - Tilt-and-ratchet locking handle
  - Light stand mount locking knob
  - 5/8" mounting spigot
2. 16" Fluorescent ring lamp (L)
3. 12" Fluorescent ring lamp (M)
4. 8" Fluorescent ring lamp (S)
5. Camera bracket
  - Locking screw
  - Rubber washers (×4)
6. Diffuser

# 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 spigot onto the top of the light stand. Tighten the locking knob until secure, but do not overtighten.



## Connecting to a power supply

Plug the power cord into a 90–120 V AC power supply only.

## Switching on the power

There are three power switches—one for each ring lamp. Turn each ring lamp on or off to your desired light output.

# Operating Instructions

## Adjusting the angle

Rotate the ratchet-and-tilt locking handle counterclockwise until loose. When there is no more room to swing the ratchet handle, pull the handle out until it's able to freely rotate back to another position, and continue to loosen. Tilt the ring light fixture to the desired position. Rotate the handle clockwise to tighten.

## Attaching the camera bracket

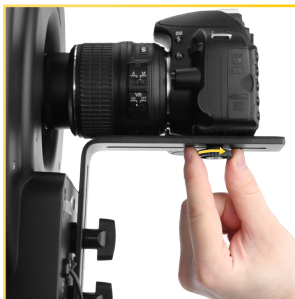
Gently place the Ring Light facedown on an even surface. Unscrew and remove the camera bracket locking knobs, and place two of the included rubber washers over the threaded sockets. Align the camera bracket cutout with the sockets, and keep the padded arm facing upwards and behind the lens opening. Place the remaining two rubber sockets onto the bracket, and then insert and tighten the bracket locking knobs until secure.



# Operating Instructions

## Attaching your camera

Align the lens of the camera with the lens opening. Adjust the camera bracket vertically so that the lens can fit into the lens opening. Align your camera's tripod mount with the camera bracket's locking screw. Rotate the locking screw counterclockwise until your camera is securely attached to the bracket.



## Attaching the diffuser

With both hands, place the elastic lip of the diffuser around the back of the light fixture. From the top, work your hands down until the diffuser is wrapped completely around the fixture. Use the drawstring to tighten the diffuser to the housing.



# Operating Instructions

## Changing the Fluorescent Lamp

When changing the fluorescent lamps, make sure to replace them with the following Impact Replacement Ring Lamps:

Large (16"): FRC-LAMPL

Medium (12"): FRC-LAMPM

Small (8"): FRC-LAMPS

## To replace the ring lamps, follow these instructions:

1. Unplug the Impact Ring Light from the power supply.
2. Gently remove the lamp from the three clips in the ring light housing.



# Operating Instructions

3. Detach the four-pin plug from the fluorescent lamp.
4. Place the new replacement ring lamp above the three clips in the ring light housing.
5. Attach the four-pin plug to the ring lamp.
6. Gently clip the fluorescent lamp into each of the three ring light housing clips until secure.



# Specifications

Power requirements	90–120 V, 50/60 Hz
Power consumption	Total: 90 W Large (16"): 40 W Medium (12"): 28 W Small (8"): 22 W
Tungsten equivalent	360 W
Output (@ 1 m)	Total: 1030 lx Large: 845 lx Medium: 685 lx Small: 582 lx Large and medium: 941 lx Large and small: 899 lx
Light source	Fluorescent lamp (×3)
Lamp life	6000 hr. (each lamp)
Color temperature	5200 K (±200 K)
Lining color	White
CRI	≥8.5
Fuse	250 V, 5 A
Dimensions	Outer diameter: 19" (48.3 cm) Depth: 3.5" (8.9 cm) Lens opening: 100 mm Power cord length: 9.25' (2.8 m)
Weight	4.8 lb. (2.18 kg)

# Limited Warranty

## 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](http://www.impactstudiolighting.com) or call Customer Service at 212-594-2353.



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