

IR Adjustable LED Ring Light



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A\$1,246⁰⁰

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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General

LED Illuminator **Type of Illumination:**

Efflux **Manufacturer:**

Ring Light **Geometry:**

Strobed or Constant **Illumination Mode:**

Physical & Mechanical Properties

58.0 **Inner Diameter (mm):**

151.0 x 117.0 x 40.0 **Dimensions (mm):**

400.00 **Weight (g):**

Optical Properties

IR **Color:**

850 **Wavelength (nm):**

Hardware & Interface Connectivity

M12, 5 pins **Connector:**

24VDC **Input Voltage (V):**

Power Supply:
Power Supply Required and Sold Separately:
USA: [#15-874](#)
Europe: [#15-875](#)
Japan: [#73-409](#)
Korea: [#73-409](#)
China: [#15-874](#)

Threading & Mounting

M4 (x4) and 3.5mm Thru (x4) **Mount:**

Environmental & Durability Factors

-10 to 50 **Operating Temperature (°C):**

IP65 **Environmental Rating:**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Easy to Access Lens Array for Quick, Manual Adjustment of Illumination Emission Angles
- Included Interchangeable Windows Allows for Easy Adjustment of Light Diffusion
- Integrate Polarizer Accessory for Glare Elimination

Effilux Adjustable LED Ring Lights provide high intensity and uniform LED illumination, while also providing the flexibility to customize the angle at which the light is emitted. The easy to access lens array allows for quick, manual adjustment of the illumination emission angles. Simply remove the LED window that's held in place by screws and rotate the lens array to one of the three indicated positions for the various emission angles. Effilux Adjustable LED Ring Lights include three interchangeable windows (transparent, semi-diffuse, and opaline) and an optional polarizer accessory is available to be placed beneath the transparent window for glare elimination. The modification flexibility allows these ring lights to be used in a variety applications.

Note: 24V power supply and M12 female to male cable are required. When first powered, these lights start in their Overdriven state with 700% intensity then relax to normal intensity.

[3D-Printable Mount Files](#)



Ring Light Configuration

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Designed for use with the [Articulating Arm Mounting Systems](#), these 3D-printed mounts allow easy positioning of lights in brightfield or darkfield setups. The design is based on mounting illumination to 1/4-20" breadboards or into 80/20 extrusion systems, but can be adapted based on user needs. Mounts are available for ring, bar, line, and inline spot lights.



[Application Note](#)

[Illumination Mounts for Machine Vision Applications](#)

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[Video](#)

[Assembly of 3D Printed Mounts for Common Illumination Geometries](#)

[Watch](#)

Technical Information

Effilux Adjustable LED Ring Lights

