

RGB Adjustable LED Ring Light



Stock **#34-864** [CONTACT US](#)

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+

S\$1,235^{.00}

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

Product Downloads

General

Type of Illumination:

LED Illuminator

Note:

Power Supply [#34-871 \(110V\)](#) or [#34-872 \(220V\)](#)
(sold separately) will not provide individual color control.

Manufacturer:

Effilux

Geometry:

Ring Light

Illumination Mode:	
Strobed or Constant	
Physical & Mechanical Properties	
Inner Diameter (mm):	
58.0	
Dimensions (mm):	
151.0 x 117.0 x 40.0	
Weight (g):	
400	
Optical Properties	
Color:	
RGB	
Hardware & Interface Connectivity	
Connector:	
M12, 5 pins	
Input Voltage (V):	
24VDC	
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	
Mount:	
M4 (x4) and 3.5mm Thru (x4)	
Environmental & Durability Factors	
Operating Temperature (°C):	
-10 to 50	
Environmental Rating:	
IP65	
Regulatory Compliance	
Certificate of Conformance:	
View	

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

**DOWNLOAD
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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 ¼-20" 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
[Read](#)



Video

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

Technical Information

Effilux Adjustable LED Ring Lights

