Edmund optics | worldwide

RGB Adjustable LED Ring Light

Stock **#34-864** CONTACT US

⊖ 1 ⊕   €882.⁰⁰

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Volume Pricing	
Qty 1+	**€882,00** each
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❶ Prices shown are exclusive of VAT/local taxes

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):	
24V DC	
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 NOW

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.

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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

M8 - 4 Pins Connector
(Expert Mode)

M12 - 5 Pins Connector
(Classic Mode)

40.2

118.8

114.6

$\varnothing$ 72

16

53.4

Units: mm

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