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2.95" Red Advanced Illumination High Intensity Ring Light

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1

+

₹40,050

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

Product Downloads

General	
RL121-625-IC	Model Number:
50,000	LED Lifetime (hours):
1.00	Number of Channels:

LED Illuminator	Type of Illumination:
Note: Optional Manual Intensity Adjustment #86-887 and #89-555 are Available	
Advanced Illumination	Manufacturer:
Geometry:	
Ring Light	
Illumination Mode:	
Constant	

Physical & Mechanical Properties

Diameter (mm):	74.90
Height (mm):	14.2
Inner Diameter (mm):	M35.5 x0.5
Outer Diameter (mm):	74.9
Weight (g):	164.00

Optical Properties

Color:	Red
Wavelength (nm):	625
Working Distance (mm):	75 - 150

Hardware & Interface Connectivity

Connector:	Flying Leads
Power Supply:	Power Supply Required and Sold Separately. USA: #66-855 Europe: #66-855 Japan: #89-513 Korea: #33-773 China: #66-855

Environmental & Durability Factors

Operating Temperature (°C):	0 to 60
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Regulatory Compliance

RoHS 2015:	Compliant
Certificate of Conformance:	View
Reach 233:	Contains SVHC(s)
Country of Origin:	United States
Imported By:	Edmund Optics India Private Limited

Product Details

- Slim Profile to Ease System Integration
- High Brightness LEDs
- Multiple Size, Wavelength, and Working Distance Options

Advanced Illumination High Intensity Ring Lights utilize an arrangement of high brightness LEDs to precisely illuminate a wide variety of imaging applications. Advanced Illumination High Intensity Ring Lights feature a slim profile to ease system integration, and are available in a variety of sizes, wavelengths, and working distance options. A manual intensity adjustment option is also available for added flexibility. 4.6" and 6" models are IP67 compliant. An adapter is also available for mounting the 2.95" ring light to M25 x0.5 lenses.

Note: Required 24V power supply [#66-855](#). [Accessories for Advanced Illumination products](#) are available and sold separately.

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
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Video

Assembly of 3D Printed Mounts for Common Illumination Geometries
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