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6" Red Advanced Illumination High Intensity Ring Light

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Stock #88-492 **1 In Stock**

⊖ 1 ⊕ S\$1,960⁰⁰

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

Product Downloads

General

RL113-625-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:
Ring Light	Geometry:
Constant	Illumination Mode:
Physical & Mechanical Properties	
152.40	Diameter (mm):
26.7	Height (mm):
66.00	Inner Diameter (mm):
152.4	Outer Diameter (mm):
681.00	Weight (g):
Optical Properties	
Red	Color:
625	Wavelength (nm):
225 - 600	Working Distance (mm):
Hardware & Interface Connectivity	
Flying Leads	Connector:
	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	
0 to 60	Operating Temperature (°C):
IP67	Environmental Rating:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	Reach 233:

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 x 0.5 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

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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

[Read](#)



Video

Assembly of 3D Printed Mounts for Common Illumination Geometries

[Watch](#)