

[See all 11 Products in Family](#)

6" Red Advanced Illumination High Intensity Ring Light

See More by [Advanced Illumination](#)



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

MRP ₹1,48,680

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1+	₹1,48,680 each
Need More?	Request Quote

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

Product Downloads

General

Model Number:
RL113-625-IC

LED Lifetime (hours):
50,000

Number of Channels:

1.00

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:**

United States **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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.



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 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](#)