6" Red Advanced Illumination High Intensity Ring Light

See More by **Advanced Illumination**

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

(-)   1   (+)   **S$1,960**.00

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Volume Pricing	
Qty 1+	**S$1,960.00** each
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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	

Type of Illumination:

LED Illuminator

Note:

Optional Manual Intensity Adjustment **#86-887** and **#89-555** are Available

Manufacturer:

Advanced Illumination

Geometry:

Ring Light

Illumination Mode:

Constant

Physical & Mechanical Properties

Diameter (mm):

152.40

Height (mm):

26.7

Inner Diameter (mm):

66.00

Outer Diameter (mm):

152.4

Weight (g):

681.00

Optical Properties

Color:

Red

Wavelength (nm):

625

Working Distance (mm):

225 - 600

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

Environmental Rating:

IP67

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 233:

Contains SVHC(s)

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

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.

📄
Application Note

Illumination Mounts for Machine Vision Applications
Read ⬚

▶
Video

Assembly of 3D Printed Mounts for Common Illumination Geometries
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