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6" Red Advanced Illumination High Intensity Ring Light

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

⊖ 1 ⊕ €1.400⁰⁰

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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

LED Illuminator

Type of Illumination:

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

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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](#)