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## 4.6" Red Advanced Illumination High Intensity Ring Light

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Stock #88-489 [CONTACT US](#)

- 1 + €865<sup>00</sup>

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### Volume Pricing

Qty 1+	€865,00 each
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**!** Prices shown are exclusive of VAT/local taxes

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

### Product Downloads

### General

Model Number:  
RL127-625-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):**

116.80

**Height (mm):**

19.1

**Inner Diameter (mm):**

M67 x0.75

**Outer Diameter (mm):**

116.8

**Weight (g):**

304.00

### Optical Properties

**Color:**

Red

**Wavelength (nm):**

625

**Working Distance (mm):**

100 - 300

### 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 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

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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](#)

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[Video](#)

[Assembly of 3D Printed Mounts for Common Illumination Geometries](#)

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