

[See all 11 Products in Family](#)

2.95" Red Advanced Illumination High Intensity Ring Light

See More by [Advanced Illumination](#)



Stock **#88-486** [CONTACT US](#)

⊖ 1 ⊕ **€630⁰⁰**

ADD TO CART

Volume Pricing

Qty 1+	€630.00 each
Need More?	Request Quote

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

Product Downloads

General

RL121-625-IC **Model Number:**

50,000 **LED Lifetime (hours):**

1.00 **Number of Channels:**

LED Illuminator	Type of Illumination:
<hr/>	
Optional Manual Intensity Adjustment #86-887 and #89-555 are Available	Note:
Advanced Illumination	Manufacturer:
<hr/>	
Ring Light	Geometry:
Constant	Illumination Mode:

Physical & Mechanical Properties

74.90	Diameter (mm):
14.2	Height (mm):
<hr/>	
M35.5 x 0.5	Inner Diameter (mm):
74.9	Outer Diameter (mm):
<hr/>	
164.00	Weight (g):

Optical Properties

Red	Color:
625	Wavelength (nm):
<hr/>	
75 - 150	Working Distance (mm):

Hardware & Interface Connectivity

Flying Leads	Connector:
<hr/>	
Power Supply Required and Sold Separately. USA: #66-855 Europe: #66-855 Japan: #89-513 Korea: #33-773 China: #66-855	Power Supply:

Environmental & Durability Factors

0 to 60	Operating Temperature (°C):
---------	------------------------------------

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
<hr/>	
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

**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](#)