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# 4.6" Blue Advanced Illumination High Intensity Ring Light

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Stock #88-488 [CONTACT US](#)

A\$1,384<sup>00</sup>

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

Product Downloads

**General**

Model Number:  
RL127-470-IC

LED Lifetime (hours):  
50,000

Number of Channels:  
1.00

LED Illuminator	<b>Type of Illumination:</b>
<b>Note:</b> Optional Manual Intensity Adjustment <a href="#">#86-887</a> and <a href="#">#89-555</a> are Available	
Advanced Illumination	<b>Manufacturer:</b>
Ring Light	<b>Geometry:</b>
Constant	<b>Illumination Mode:</b>
<b>Physical &amp; Mechanical Properties</b>	
116.80	<b>Diameter (mm):</b>
19.1	<b>Height (mm):</b>
M67 x0.75	<b>Inner Diameter (mm):</b>
116.8	<b>Outer Diameter (mm):</b>
304.00	<b>Weight (g):</b>
<b>Optical Properties</b>	
Blue	<b>Color:</b>
470	<b>Wavelength (nm):</b>
100 - 300	<b>Working Distance (mm):</b>
<b>Hardware &amp; Interface Connectivity</b>	
Flying Leads	<b>Connector:</b>
<b>Power Supply:</b> Power Supply Required and Sold Separately. USA: <a href="#">#66-855</a> Europe: <a href="#">#66-855</a> Japan: <a href="#">#89-513</a> Korea: <a href="#">#33-773</a> China: <a href="#">#66-855</a>	
<b>Environmental &amp; Durability Factors</b>	
0 to 60	<b>Operating Temperature (°C):</b>
IP67	<b>Environmental Rating:</b>
<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Contains SVHC(s)</a>	<b>Reach 233:</b>

## 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

**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  
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Video

Assembly of 3D Printed Mounts for Common Illumination Geometries  
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