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## 2.95" Blue Advanced Illumination High Intensity Ring Light

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Stock #88-485 [CONTACT US](#)

⊖ 1 ⊕ C\$630<sup>00</sup>

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### Volume Pricing

Qty 1+	C\$630.00 each
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**Note:** This item requires accessories for use | [Learn More](#)

### Product Downloads

### General

RL121-470-IC **Model Number:**

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

1.00 **Number of Channels:**

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

## Physical & Mechanical Properties

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

## Optical Properties

Blue	<b>Color:</b>
470	<b>Wavelength (nm):</b>
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75 - 150	<b>Working Distance (mm):</b>

## Hardware & Interface Connectivity

Flying Leads	<b>Connector:</b>
<hr/>	
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>Power Supply:</b>

## Environmental & Durability Factors

0 to 60	<b>Operating Temperature (°C):</b>
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## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
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<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 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](#)

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

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