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## 6" Blue Advanced Illumination High Intensity Ring Light

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Stock #88-491 [CONTACT US](#)

⊖ 1 ⊕ €1.400<sup>00</sup>

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Volume Pricing	
Qty 1+	€1.400,00 each
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**Note:** This item requires accessories for use | [Learn More](#)

### Product Downloads

### General

Model Number:  
RL113-470-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

Advanced Illumination **Manufacturer:**

Ring Light **Geometry:**

Constant **Illumination Mode:**

## Physical & Mechanical Properties

152.40 **Diameter (mm):**

26.7 **Height (mm):**

66.00 **Inner Diameter (mm):**

152.4 **Outer Diameter (mm):**

681.00 **Weight (g):**

## Optical Properties

Blue **Color:**

470 **Wavelength (nm):**

225 - 600 **Working Distance (mm):**

## Hardware & Interface Connectivity

Flying Leads **Connector:**

**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

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

IP67 **Environmental Rating:**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[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

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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](#)