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## 2.95" Blue Advanced Illumination High Intensity Ring Light

See More by [Advanced Illumination](#)



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

- 1 + €450<sup>00</sup>

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### Volume Pricing

Qty 1+	€450,00 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:**  
RL121-470-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

74.90 Diameter (mm):

14.2 Height (mm):

M35.5 x 0.5 Inner Diameter (mm):

74.9 Outer Diameter (mm):

164.00 Weight (g):

## Optical Properties

Blue Color:

470 Wavelength (nm):

75 - 150 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):

## 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](#)

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[Video](#)

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

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