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2.95" Blue Advanced Illumination High Intensity Ring Light

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

- 1 + MRP ₹47,790

Price inclusive of all taxes

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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

Type of Illumination:

LED Illuminator

Note:

Optional Manual Intensity Adjustment [#86-887](#) and [#89-555](#) are Available

Manufacturer:

Advanced Illumination

Geometry:

Ring Light

Illumination Mode:

Constant

Physical & Mechanical Properties

Diameter (mm):

74.90

Height (mm):

14.2

Inner Diameter (mm):

M35.5 x0.5

Outer Diameter (mm):

74.9

Weight (g):

164.00

Optical Properties

Color:

Blue

Wavelength (nm):

470

Working Distance (mm):

75 - 150

Hardware & Interface Connectivity

Connector:

Flying Leads

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

Operating Temperature (°C):

0 to 60

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 233:

[Contains SVHC\(s\)](#)

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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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.



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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