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2.95" White Advanced Illumination High Intensity Ring Light (Recertified 03-N)

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Stock #88-484-RCD-03N **RECERTIFIED** 1 In Stock

- 1 +

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

Product Downloads

General

Model Number:
RL121-WHI-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 | |
| White | Color: |
| 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: |

Product Details

24V [power supply](#) (sold separately) is required for operation.

- 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 ¼-20" 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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