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880nm w/ Barrel Mount, Brightfield/Darkfield LED Ring Light w/ Barrel Mount (Recertified 05-P)

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Stock #66-789-RCD-05P RECERTIFIED 1 In Stock

- 1 + \$S\$7,105⁰⁹

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Volume Pricing	
Qty 1+	\$S\$7,105.09 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General	
RL5064B-880-IC	Model Number:
50,000	LED Lifetime (hours):

64.00	Number of LEDs:
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LED Illuminator	Type of Illumination:
Note: Optional Manual Intensity Adjustment #86-887 and #89-555 are Available	
Advanced Illumination	Manufacturer:
Geometry:	
Ring Light	
Illumination Mode:	
Constant	
Physical & Mechanical Properties	
Diameter (mm):	
100.00	
Height (mm):	
33.7	
Inner Diameter (mm):	
55.5	
Outer Diameter (mm):	
100.00	
Optical Properties	
Color:	
IR	
Wavelength (nm):	
880	
Working Distance (mm):	
6 - 64	
Electrical	
Maximum Trigger Frequency (Hz):	
30.00	
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	
Threading & Mounting	
Mount:	
Barrel Mount	
Mounting Threads:	
M4 x4	
Environmental & Durability Factors	
Operating Temperature (°C):	
0-65	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	

Product Details

For more information on Darkfield Illumination, click [here](#).

- Hybrid Diffuse Brightfield and Darkfield Illumination
- Can Be Used Independently or Simultaneously
- Fixed Intensity or Strobed Options

Advanced Illumination Brightfield/Darkfield LED Ring Lights offer a level of versatility not previously available. Two independently powered rings of LEDs provide darkfield and brightfield illumination. The strobed models' flash duration is dependent on a trigger signal or potentiometer setting. The duration of the strobe can be adjusted from 30 - 300µs via a knob located in the back of the unit. The trigger input signal of the Advanced Illumination Brightfield/Darkfield LED Ring Light is CMOS/TTL compatible. The maximum trigger frequency is 30 Hz.

Note: Required 24V power supply [#66-855](#). [Accessories for Advanced Illumination products](#) are available and sold separately.



Ring Light Configuration

**DOWNLOAD
NOW**

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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