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2.15" White, LED Darkfield Illuminator

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Stock **#66-790** **1 In Stock**

-

1

+

€420⁰⁰

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Qty 1+	€420,00 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General	
RL2115-WHI-24	Model Number:
50,000	LED Lifetime (hours):
15.00	Number of LEDs:
	Number of Channels:

1.00	
Type of Illumination:	
LED Illuminator	
Note:	
Requires a 24V power supply #66-855 . European power supply #35-200 also available.	
Manufacturer:	
Advanced Illumination	
Geometry:	
Ring Light	
Illumination Mode:	
Constant	
Physical & Mechanical Properties	
Height (mm):	
19.0	
Inner Diameter (mm):	
19.0	
Outer Diameter (mm):	
55.0	
Field Coverage (mm):	
6.4 - 12.7	
Optical Properties	
Color:	
White	
Working Distance (mm):	
19 - 25.4	
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:	
Standard	
Mounting Threads:	
M3 x2	
Environmental & Durability Factors	
Operating Temperature (°C):	
0 to +65	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 233:	
Compliant	

Product Details

- Ideal for Visually Enhancing Surface Defects
- Useful for Front or Back Illumination
- 5" Versions Have Variable Intensity

Advanced Illumination Darkfield LED Illuminators are ideal for visually enhancing surface defects. LED intensity can be varied through the in line potentiometer. The 5" darkfield illuminator includes a mounting bracket for easy system integration.

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

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. Trigger input signal is CMOS/TTL compatible. The maximum trigger frequency is 30Hz.



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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