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3.1" High Brightness LED Diffuselite, 625nm

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Advanced Illumination Diffuselite LED Illuminators

Stock **#88-499** [CONTACT US](#)

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+

C\$1,463^{.00}

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

Product Downloads

General	
DL194-625-IC	Model Number:
50,000	LED Lifetime (hours):
12.00	Number of LEDs:
1.00	Number of Channels:

LED Illuminator	Type of Illumination:
Note: Optional Manual Intensity Adjustment #86-887 and #89-555 are Available	
Advanced Illumination	Manufacturer:
Diffuse	Geometry:
Constant	Illumination Mode:

Physical & Mechanical Properties

7.00	Height (mm):
133.4	Outer Diameter (mm):
89.00	Field Coverage (mm):

Optical Properties

Red	Color:
625	Wavelength (nm):
13 - 50	Working Distance (mm):
±10 Edge to Edge (Dependent on Working Distance)	Light Distribution (%):

Electrical

30.00	Maximum Trigger Frequency (Hz):
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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 65	Operating Temperature (°C):
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	Reach 233:

Product Details

- Ideal for Illuminating Curved Surfaces
- Well Suited for Inspecting Small, Specular Objects
- Variable Intensity and Strobed Options

Advanced Illumination Diffuselite LED Illuminators are ideal for inspecting small, reflective objects. LED intensity can be varied through the in-line potentiometer, and the projected light distribution edge to edge is ±10%. The 3.35" and 6.35" models feature high-brightness LEDs. 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 Diffuselite LED Illuminator 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.