

[See all 11 Products in Family](#)

## 6.11" High Bright LED Diffuselite, 625nm, Strobed

See More by [Advanced Illumination](#)



Advanced Illumination Diffuselite LED Illuminators

Stock **#83-270** [CONTACT US](#)

1  **C\$2,471<sup>00</sup>**

**ADD TO CART**

### Volume Pricing

Qty 1+	C\$2,471.00 each
Need More?	<a href="#">Request Quote</a>

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

### Product Downloads

### General

DL097-625-I3	<b>Model Number:</b>
50,000	<b>LED Lifetime (hours):</b>
12.00	<b>Number of LEDs:</b>
2.00	<b>Number of Channels:</b>

LED Illuminator	<b>Type of Illumination:</b>
	<b>Note:</b> Optional Manual Intensity Adjustment <a href="#">#86-887</a> and <a href="#">#89-555</a> are Available
Advanced Illumination	<b>Manufacturer:</b>
Diffuse	<b>Geometry:</b>
Strobed	<b>Illumination Mode:</b>
<b>Physical &amp; Mechanical Properties</b>	
161.00	<b>Height (mm):</b>
227.00	<b>Outer Diameter (mm):</b>
160.00	<b>Field Coverage (mm):</b>
<b>Optical Properties</b>	
Red	<b>Color:</b>
625	<b>Wavelength (nm):</b>
13 - 75	<b>Working Distance (mm):</b>
±10 Edge to Edge (Dependent on Working Distance)	<b>Light Distribution (%):</b>
<b>Electrical</b>	
30.00	<b>Maximum Trigger Frequency (Hz):</b>
30 - 300	<b>Strobe Duration (µs):</b>
<b>Hardware &amp; Interface Connectivity</b>	
Flying Leads	<b>Connector:</b>
Power Supply Required and Sold Separately. USA: <a href="#">#66-855</a> Europe: <a href="#">#66-855</a> Japan: <a href="#">#89-513</a> Korea: <a href="#">#33-773</a> China: <a href="#">#66-855</a>	<b>Power Supply:</b>
<b>Environmental &amp; Durability Factors</b>	
0 to 65	<b>Operating Temperature (°C):</b>
<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Contains SVHC(s)</a>	<b>Reach 233:</b>

## 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.