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# 6.11" High Brightness LED Diffuselite, 625nm

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Advanced Illumination Diffuselite LED Illuminators

Stock **#66-811** [CONTACT US](#)

-

1

+

C\$1,960<sup>.00</sup>

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| Volume Pricing |                               |
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| Qty 1+         | C\$1,960.00 each              |
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**Note:** This item requires accessories for use | [Learn More](#)

| Product Downloads |
|-------------------|
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| General      |                       |
|--------------|-----------------------|
| DL097-625-IC | Model Number:         |
| 50,000       | LED Lifetime (hours): |
| 12.00        | Number of LEDs:       |
| 2.00         | Number of Channels:   |

|                                                                                                                                     |                                   |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| LED Illuminator                                                                                                                     | Type of Illumination:             |
|                                                                                                                                     |                                   |
| Optional Manual Intensity Adjustment                                                                                                | Note:                             |
|                                                                                                                                     | #86-887 and #89-555 are Available |
| Advanced Illumination                                                                                                               | Manufacturer:                     |
|                                                                                                                                     |                                   |
| Diffuse                                                                                                                             | Geometry:                         |
|                                                                                                                                     |                                   |
| Constant                                                                                                                            | Illumination Mode:                |
|                                                                                                                                     |                                   |
| Physical & Mechanical Properties                                                                                                    |                                   |
| 161.00                                                                                                                              | Height (mm):                      |
|                                                                                                                                     |                                   |
| 227.00                                                                                                                              | Outer Diameter (mm):              |
|                                                                                                                                     |                                   |
| 160.00                                                                                                                              | Field Coverage (mm):              |
|                                                                                                                                     |                                   |
| Optical Properties                                                                                                                  |                                   |
| Red                                                                                                                                 | Color:                            |
|                                                                                                                                     |                                   |
| 625                                                                                                                                 | Wavelength (nm):                  |
|                                                                                                                                     |                                   |
| 13 - 75                                                                                                                             | Working Distance (mm):            |
|                                                                                                                                     |                                   |
| ±10 Edge to Edge (Dependent on Working Distance)                                                                                    | Light Distribution (%):           |
|                                                                                                                                     |                                   |
| Electrical                                                                                                                          |                                   |
| 30.00                                                                                                                               | Maximum Trigger Frequency (Hz):   |
|                                                                                                                                     |                                   |
| Hardware & Interface Connectivity                                                                                                   |                                   |
| Flying Leads                                                                                                                        | Connector:                        |
|                                                                                                                                     |                                   |
| Power Supply Required and Sold Separately.<br>USA: #66-855<br>Europe: #66-855<br>Japan: #89-513<br>Korea: #33-773<br>China: #66-855 | Power Supply:                     |
|                                                                                                                                     |                                   |
| Environmental & Durability Factors                                                                                                  |                                   |
| 0 to 65                                                                                                                             | Operating Temperature (°C):       |
|                                                                                                                                     |                                   |
| 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.