

[See all 11 Products in Family](#)

# 6.11" High Brightness LED Diffuselite, 625nm

See More by [Advanced Illumination](#)



Advanced Illumination Diffuselite LED Illuminators

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

-

1

+

₹1,31,670

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | ₹1,31,670 each                |
| Need More?     | <a href="#">Request Quote</a> |

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

Product Downloads

| 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:           |
| Note:<br>Optional Manual Intensity Adjustment <a href="#">#86-887</a> and <a href="#">#89-555</a> 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:<br>Power Supply Required and Sold Separately.<br>USA: <a href="#">#66-855</a><br>Europe: <a href="#">#66-855</a><br>Japan: <a href="#">#89-513</a><br>Korea: <a href="#">#33-773</a><br>China: <a href="#">#66-855</a> |                                 |
| Environmental & Durability Factors                                                                                                                                                                                                   |                                 |
| 0 to 65                                                                                                                                                                                                                              | Operating Temperature (°C):     |
| Regulatory Compliance                                                                                                                                                                                                                |                                 |
| <a href="#">Compliant</a>                                                                                                                                                                                                            | RoHS 2015:                      |
| <a href="#">View</a>                                                                                                                                                                                                                 | Certificate of Conformance:     |
| <a href="#">Contains SVHC(s)</a>                                                                                                                                                                                                     | Reach 233:                      |
| United States                                                                                                                                                                                                                        | Country of Origin:              |
| Edmund Optics India Private Limited                                                                                                                                                                                                  | Imported By:                    |

## 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.