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

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Advanced Illumination Diffuselite LED Illuminators

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

1  MRP ₹1,87,443

**i** Price inclusive of all taxes

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### Volume Pricing

Qty 1+	₹1,87,443 each
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**Note:** This item requires accessories for use | [Learn More](#)

### Product Downloads

#### General

DL097-625-I3 **Model Number:**

50,000 **LED Lifetime (hours):**

12.00 **Number of LEDs:**

**Number of Channels:**

2.00

LED Illuminator **Type of Illumination:**

**Note:**  
Optional Manual Intensity Adjustment [#86-887](#) and [#89-555](#) are Available

Advanced Illumination **Manufacturer:**

Diffuse **Geometry:**

Strobed **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):**

30 - 300 **Strobe Duration (µs):**

## 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):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **Reach 233:**

United States **Country of Origin:**

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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.

