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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 ⊕ £1,120⁰⁰

ADD TO CART

Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1+ | £1,120.00 each |
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ⓘ Prices shown are exclusive of VAT/local taxes

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: Optional Manual Intensity Adjustment #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. USA: #66-855 Europe: #66-855 Japan: #89-513 Korea: #33-773 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.