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# 1.95" LED Diffuselite, White

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Advanced Illumination Diffuselite LED Illuminators

Stock **#66-806** [CONTACT US](#)

-

1

+

**SS\$1,463<sup>.00</sup>**

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | <b>SS\$1,463.00</b> each      |
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**Note:** This item requires accessories for use | [Learn More](#)

Product Downloads

| General       |                       |
|---------------|-----------------------|
| DL2230-WHI-IC | Model Number:         |
| 50,000        | LED Lifetime (hours): |
| 30.00         | Number of LEDs:       |
| 1.00          | 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

|                 |                      |
|-----------------|----------------------|
| 49.00           | Height (mm):         |
| 71.9 L x 71.9 W | Dimensions (mm):     |
| 50.00           | Field Coverage (mm): |

Optical Properties

|                                                  |                            |
|--------------------------------------------------|----------------------------|
| White                                            | Color:                     |
| 13 - 50                                          | Working Distance (mm):     |
| N/A                                              | Wavelength Tolerance (nm): |
| ±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:                  |

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.