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6.11" LED Diffuselite, White

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Advanced Illumination Diffuselite LED Illuminators

Stock **#66-810** CONTACT US

- 1 + **€1.400**,00

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Volume Pricing	
Qty 1+	**€1.400,00** each
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Note: This item requires accessories for use | Learn More

Product Downloads

General

Model Number:	DL097-WHI-IC
LED Lifetime (hours):	50,000
Number of LEDs:	12.00

Number of Channels:
2.00

Type of Illumination:
LED Illuminator

Note:
Optional Manual Intensity Adjustment #86-887 and #89-555 are Available

Manufacturer:
Advanced Illumination

Geometry:
Diffuse

Illumination Mode:
Constant

Physical & Mechanical Properties

Height (mm):
161.00

Outer Diameter (mm):
227.00

Field Coverage (mm):
160.00

Optical Properties

Color:
White

Working Distance (mm):
13 - 75

Wavelength Tolerance (nm):
N/A

Light Distribution (%):
±10 Edge to Edge (Dependent on Working Distance)

Electrical

Maximum Trigger Frequency (Hz):
30.00

Hardware & Interface Connectivity

Connector:
Flying Leads

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

Operating Temperature (°C):
0 to 65

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 233:
Contains SVHC(s)

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.