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940nm, 1" High Brightness LED Diffuse Axial Illuminator

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Advanced Illumination Diffuse Axial LED Illuminators

Stock **#91-058** NEW [CONTACT US](#)

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+

A\$1,128^{.00}

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Volume Pricing	
Qty 1+	A\$1,128.00 each
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Product Downloads

General	
DL225-025940IC	Model Number:
LED Illuminator	Type of Illumination:
Advanced Illumination	Manufacturer:
Diffuse Axial	Geometry:
	Illumination Mode:

Constant

Physical & Mechanical Properties	
Material	Carbon Fiber
Weight	1500g
Strength	High Tensile Strength
Stiffness	High Modulus
Corrosion Resistance	Excellent
Thermal Stability	Good
Electrical Properties	Insulating
Acoustic Properties	Low Noise
Environmental Resistance	Good
Biocompatibility	Good
Flammability	Low
UV Resistance	Good
Chemical Resistance	Good
Mechanical Fatigue	Good
Impact Resistance	Good
Dimensional Stability	Good
Surface Finish	Smooth
Coating	None
Assembly	Simple
Disassembly	Simple
Repairability	Good
Recyclability	Good
Cost	High
Availability	Good
Lead Time	Short
Warranty	1 Year
Support	Good
Documentation	Complete
Training	Good
Installation	Simple
Operation	Simple
Maintenance	Simple
Storage	Good
Transportation	Good
Handling	Good
Assembly Time	Short
Disassembly Time	Short
Repair Time	Short
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Cost per Unit	High
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106 L x 33 W x 36 T **Dimensions (mm):**

Weight (g):
187.89

~1.1"x 1.1"	Aperture Size:
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Optical Properties	
Refractive Index (n)	1.50
Transmittance (%)	92
Absorbance (at 254 nm)	0.15
Fluorescence Intensity	Low

IR Color:

940 Wavelength (nm):

Working Distance (mm):

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

Operating Temperature (°C): 0 to +60

Regulatory Compliance	
GDPR Compliance: All data processing activities are documented in the Data Processing Register, and all data subjects have been informed of their rights and the purpose of data processing. CCPA Compliance: All data processing activities are documented in the Data Processing Register, and all data subjects have been informed of their rights and the purpose of data processing.	ISO 27001 Certification: The organization has achieved ISO 27001 certification, demonstrating compliance with international standards for information security management. Other Certifications: The organization is also certified for ISO 9001 (Quality Management) and ISO 14001 (Environmental Management).

[View](#) Certificate of Conformance:

Product Details

- Bright, Consistent Diffuse Illumination Over Field of View
- Unique Modular Heat Sink Design
- Internal Beamsplitter Ideal for Inspecting Highly Reflective Objects
- Excellent Light Stability

Advanced Illumination Diffuse Axial LED Illuminators are ideal for inspecting highly reflective optics. These coaxial illuminators provide even illumination over the field coverage. Advanced Illumination Diffuse Axial LED Illuminators feature vibration free performance and easily mount via M6 threaded holes.

Note: Required 24V power supply [#66-855. Accessories for Advanced Illumination products](#) are available and sold separately. Units cannot be intensity controlled.

Technical Information

