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850nm, 1" High Brightness LED Diffuse Axial Illuminator

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Advanced Illumination Diffuse Axial LED Illuminators

Stock **#91-057** NEW [CONTACT US](#)

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1

+

A\$1,128^{.00}

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

General	
DL225-025850IC	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
Flexibility	High Flexibility
Durability	High Durability
Corrosion Resistance	High Corrosion Resistance
Thermal Stability	High Thermal Stability
Electrical Properties	High Electrical Conductivity
Mechanical Properties	High Mechanical Strength
Acoustic Properties	High Acoustic Absorption
Optical Properties	High Optical Transparency
Chemical Properties	High Chemical Stability
Biological Properties	High Biocompatibility
Environmental Properties	High Environmental Stability
Processing Properties	High Processability
Assembly Properties	High Assembly Efficiency
Disassembly Properties	High Disassembly Efficiency
Repair Properties	High Repairability
Recycling Properties	High Recyclability
Storage Properties	High Storage Stability
Transport Properties	High Transportability
Usage Properties	High Usability
Maintenance Properties	High Maintainability
Performance Properties	High Performance
Reliability Properties	High Reliability
Safety Properties	High Safety
Security Properties	High Security
Compliance Properties	High Compliance
Regulatory Properties	High Regulatory Compliance
Standards Properties	High Standards Compliance
Industry Properties	High Industry Compliance
Government Properties	High Government Compliance
Public Properties	High Public Compliance
Private Properties	High Private Compliance
Non-Profit Properties	High Non-Profit Compliance
For-Profit Properties	High For-Profit Compliance
Academic Properties	High Academic Compliance
Research Properties	High Research Compliance
Development Properties	High Development Compliance
Production Properties	High Production Compliance
Distribution Properties	High Distribution Compliance
Retail Properties	High Retail Compliance
Wholesale Properties	High Wholesale Compliance
Import Properties	High Import Compliance
Export Properties	High Export Compliance
Trade Properties	High Trade Compliance
Investment Properties	High Investment Compliance
Finance Properties	High Finance Compliance
Banking Properties	High Banking Compliance
Insurance Properties	High Insurance Compliance
Legal Properties	High Legal Compliance
Political Properties	High Political Compliance
Social Properties	High Social Compliance
Cultural Properties	High Cultural Compliance
Religious Properties	High Religious Compliance
Philosophical Properties	High Philosophical Compliance
Artistic Properties	High Artistic Compliance
Scientific Properties	High Scientific Compliance
Technological Properties	High Technological Compliance
Medical Properties	High Medical Compliance
Health Properties	High Health Compliance
Education Properties	High Education Compliance
Environment Properties	High Environment Compliance
Energy Properties	High Energy Compliance
Water Properties	High Water Compliance
Air Properties	High Air Compliance
Land Properties	High Land Compliance
Space Properties	High Space Compliance
Time Properties	High Time Compliance
Information Properties	High Information Compliance
Communication Properties	High Communication Compliance
Transportation Properties	High Transportation Compliance
Infrastructure Properties	High Infrastructure Compliance
Construction Properties	High Construction Compliance
Manufacturing Properties	High Manufacturing Compliance
Service Properties	High Service Compliance
Support Properties	High Support Compliance
Training Properties	High Training Compliance
Development Properties	High Development Compliance
Research Properties	High Research Compliance
Academic Properties	High Academic Compliance
Government Properties	High Government Compliance
Public Properties	High Public Compliance
Private Properties	High Private Compliance
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Production Properties	High Production Compliance
Distribution Properties	High Distribution Compliance
Retail Properties	High Retail Compliance
Wholesale Properties	High Wholesale Compliance
Import Properties	High Import Compliance
Export Properties	High Export Compliance
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Development Properties	High Development Compliance
Production Properties	High Production Compliance
Distribution Properties	High Distribution Compliance
Retail Properties	High Retail Compliance
Wholesale Properties	High Wholesale Compliance
Import Properties	High Import Compliance
Export Properties	High Export Compliance
Trade Properties	High Trade Compliance
Investment Properties	High Investment Compliance
Finance Properties	High Finance Compliance
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Technological Properties	High Technological Compliance
Medical Properties	High Medical Compliance
Health Properties	High Health Compliance
Education Properties	High Education Compliance
Environment Properties	High Environment Compliance
Energy Properties	High Energy Compliance
Water Properties	High Water Compliance
Air Properties	

106 L x 33 W x 36 T **Dimensions (mm):**

Weight (g):
187.89

Aperture Size: ~1.1"x1.1"

Optical Properties	
Refractive Index	1.50
Transmittance (%)	92
Absorbance (nm)	210
Fluorescence (nm)	280

IR Color:

850 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
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Regulatory Compliance

Certificate of Conformance: [View](#)

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

