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# 850nm, 2" High Brightness LED Diffuse Axial Illuminator

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Advanced Illumination Diffuse Axial LED Illuminators

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**General**

**Model Number:**  
DL225-050850IC

**Type of Illumination:**  
LED Illuminator

**Manufacturer:**  
Advanced Illumination

**Geometry:**  
Diffuse Axial

**Illumination Mode:**

Constant

## Physical & Mechanical Properties

128 L x 60 W x 57 T **Dimensions (mm):**

351.9 **Weight (g):**

~2" x 2" **Aperture Size:**

## Optical Properties

IR **Color:**

850 **Wavelength (nm):**

25 **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

0 to +60 **Operating Temperature (°C):**

## Regulatory Compliance

[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

