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## 50.8 x 50.8mm High Intensity 850nm, LED Backlight

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Advanced Illumination High Intensity LED Backlights

Stock #28-755 **2 In Stock**

⊖ 1 ⊕ €740<sup>00</sup>

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Volume Pricing	
Qty 1+	€740,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

#### General

BL2-0202850IC	<b>Model Number:</b>
50,000	<b>LED Lifetime (hours):</b>
4	<b>Number of Channels:</b>
LED Illuminator	<b>Type of Illumination:</b>

**Note:**  
Optional Manual Intensity Adjustment [#86-887](#) and [#89-555](#) are Available

**Uniformity (%):**  
±6 over Illuminated Area (Dependent on Working Distance)

Advanced Illumination **Manufacturer:**

Backlight **Geometry:**

Constant **Illumination Mode:**

## Physical & Mechanical Properties

50.8 H x 50.8 W x 24.1 D **Dimensions (mm):**

## Optical Properties

IR **Color:**

850 **Wavelength (nm):**

## 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

- Provides Intense, Even Illumination
- Low Profile Design
- Multiple Active Area Options Available

Advanced Illumination LED Backlights provide intense, even illumination over a range of active areas. Featuring a 50,000-hour product lifetime and a projected light distribution of ±6% over the illuminated area, these lights are ideal for a range of industrial applications. These LED backlights feature a low-profile design with multiple active area options available. Advanced Illumination LED Backlights are offered in white, blue, green, red, and infrared. The backlights are available in 72 H x 72 W x 12 D size, or 123 H x 123 W x 19 D size.

**Note:** Required 24V power supply [#66-855](#). [Accessories for Advanced Illumination products](#) are available and sold separately.