

[See all 17 Products in Family](#)

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

See More by [Advanced Illumination](#)



Advanced Illumination High Intensity LED Backlights

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

⊖ 1 ⊕ S\$1,036<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1+	S\$1,036.00 each
Need More?	<a href="#">Request Quote</a>

### 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)

**Manufacturer:**  
Advanced Illumination

**Geometry:**  
Backlight

**Illumination Mode:**  
Constant

## Physical & Mechanical Properties

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

## Optical Properties

**Color:**  
IR

**Wavelength (nm):**  
850

## 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 60

## Regulatory Compliance

**Certificate of Conformance:**  
[View](#)

## 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.