

[See all 16 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**

MRP ₹78,588

1 Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1+	₹78,588 each
Need More?	Request Quote

Product Downloads

General

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

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](#)

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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.