

[See all 9 Products in Family](#)

50 x 75mm, Blue, EuroBrite™ Backlight

See More by [Advanced Illumination](#)



AI EuroBrite Backlight



Stock **#33-458** [CONTACT US](#)

- 1 + C\$350⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	C\$350.00 each
Need More?	Request Quote

Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General

50,000 **Operating Lifetime (hours):**

BL-S050075-470 **Model Number:**

Type of Illumination:

LED Illuminator

Note:

See Technical Information Tab for Typical Intensity

Manufacturer:

Advanced Illumination

Geometry:

Backlight

Illumination Mode:

Strobed or Constant

Physical & Mechanical Properties

Dimensions (mm):

75 x 89 x 30

Weight (g):

97.00

Active Area (mm):

50 x 75

Optical Properties

Color:

Blue

Wavelength (nm):

470

Electrical

Maximum Input Current:

0.42 - 0.49A

Analog Intensity Control:

10% @ 0.7V, 100% @ 10V

Trigger-to-Pulse Latency:

10µm

Hardware & Interface Connectivity

Connector:

Flying Leads

Input Voltage (V):

24V nominal (min. 22 / max. 28)

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 - 60

Environmental Rating:

IP67

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 233:

[Contains SVHC\(s\)](#)

Product Details

- Daisy Chain up to Four 100 x 150mm Units
- Requires No Heat Sink
- Available in White, Red, and Blue

Advanced Illumination EuroBrite™ Backlight illuminators feature on-board smart drivers functional during strobe and continuous operation modes making them ideal for the most demanding performance constraints. Adaptive OverDrive™ allows for power optimization while in strobing mode, and Adaptive Thermal Feedback™ gives operational current control to the user, preventing overheating and eliminating the need for a heat sink. These Advanced Illumination EuroBrite™ Backlight illuminators feature a ruggedized, sealed enclosure, and are available in white, red, or blue versions. The ability to operate four 100 x 150mm units connected to one another, and an analog dimming control operable in both strobe and continuous modes add to illuminator's customizability.

Note: A 24V power supply is required.

Technical Information

Typical Intensity

Size	50 x 75mm	100 x 150mm
Working Distance	At Surface	At Surface
Area	58 x 38mm	124 x 91mm
Typical Irradiance (W/M ²)	101	140
Typical Illuminance (kLux)	38	52

;