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## 50 x 75mm, Blue, EuroBrite™ Backlight

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AI EuroBrite Backlight



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⊖ 1 ⊕ **S\$350<sup>00</sup>**

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**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 <sup>2</sup> )	101	140
Typical Illuminance (kLux)	38	52

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