

[See all 9 Products in Family](#)

50 x 75mm, Red, EuroBrite™ Backlight

See More by [Advanced Illumination](#)



AI EuroBrite Backlight



Stock #33-457 **3 In Stock**

- 1 + €250.⁰⁰

ADD TO CART

Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1+ | €250,00 each |
| Need More? | Request Quote |

ⓘ Prices shown are exclusive of VAT/local taxes

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

Product Downloads

General

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

BL-S050075-625 **Model Number:**

LED Illuminator **Type of Illumination:**

Note:
See Technical Information Tab for Typical Intensity

Advanced Illumination **Manufacturer:**

Backlight **Geometry:**

Strobed or Constant **Illumination Mode:**

Physical & Mechanical Properties

75 x 89 x 30 **Dimensions (mm):**

97.00 **Weight (g):**

50 x 75 **Active Area (mm):**

Optical Properties

Red **Color:**

625 **Wavelength (nm):**

Electrical

0.42 - 0.49A **Maximum Input Current:**

10% @ 0.7V, 100% @ 10V **Analog Intensity Control:**

10µm **Trigger-to-Pulse Latency:**

Hardware & Interface Connectivity

Flying Leads **Connector:**

24V nominal (min. 22 / max. 28) **Input Voltage (V):**

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 - 60 **Operating Temperature (°C):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

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

[Contains SVHC\(s\)](#) **Reach 233:**

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 |

;