

[See all 9 Products in Family](#)

50 x 75mm, Red, EuroBrite™ Backlight

See More by [Advanced Illumination](#)



AI EuroBrite Backlight



Stock **#33-457** 1 In Stock

-

1

+

S\$350^{.00}

ADD TO CART

Volume Pricing	
Qty 1+	S\$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-S050075-625	Model Number:

Type of Illumination:

LED Illuminator	
See Technical Information Tab for Typical Intensity	Note:
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: A24V power supply is required.

Technical Information

Typical Intensity		
Size	50 x 75mm	100 x 150mm
Working Distance	At Surface	At Surface

Area	58 x38mm	124 x91mm
Typical Irradiance (W/m²)	101	140
Typical Illuminance (kLux)	38	52
