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50 x 75mm, Blue, EuroBrite™ Backlight

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AI EuroBrite Backlight



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1 MRP ₹26,550

Price inclusive of all taxes

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

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General

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

BL-S050075-470 **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

Blue	Color:
470	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 Required and Sold Separately: USA: #66-855 Europe: #66-855 Japan: #89-513 Korea: #33-773 China: #66-855	Power Supply:

Environmental & Durability Factors

0 - 60	Operating Temperature (°C):
IP67	Environmental Rating:

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	Reach 233:
United States	Country of Origin:
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	Imported By:

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