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# 100 x 150mm, Blue, EuroBrite™ Backlight

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AI EuroBrite Backlight



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- 1 + €565<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-S100150-470 **Model Number:**

LED Illuminator	<b>Type of Illumination:</b>
	<b>Note:</b> See Technical Information Tab for Typical Intensity
Advanced Illumination	<b>Manufacturer:</b>
Backlight	<b>Geometry:</b>
Strobed or Constant	<b>Illumination Mode:</b>

## Physical & Mechanical Properties

150 x 139 x 30	<b>Dimensions (mm):</b>
253.00	<b>Weight (g):</b>
100 x 150	<b>Active Area (mm):</b>

## Optical Properties

Blue	<b>Color:</b>
470	<b>Wavelength (nm):</b>

## Electrical

0.42 - 0.49A	<b>Maximum Input Current:</b>
10% @ 0.7V, 100% @ 10V	<b>Analog Intensity Control:</b>
10µm	<b>Trigger-to-Pulse Latency:</b>

## Hardware & Interface Connectivity

Flying Leads	<b>Connector:</b>
24V nominal (min. 22 / max. 28)	<b>Input Voltage (V):</b>
Power Supply Required and Sold Separately: USA: <a href="#">#66-855</a> Europe: <a href="#">#66-855</a> Japan: <a href="#">#89-513</a> Korea: <a href="#">#33-773</a> China: <a href="#">#66-855</a>	<b>Power Supply:</b>

## Environmental & Durability Factors

0 - 60	<b>Operating Temperature (°C):</b>
IP67	<b>Environmental Rating:</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Contains SVHC(s)</a>	<b>Reach 233:</b>

## 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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