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100 x 150mm, White, EuroBrite™ Backlight

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AI EuroBrite Backlight



Stock #33-459 **3 In Stock**

1 MRP ₹57,879

Price inclusive of all taxes

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| Volume Pricing | |
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| Qty 1+ | ₹57,879 each |
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General

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

BL-S100150-WHI **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

| | |
|----------------|--------------------------|
| 150 x 139 x 30 | Dimensions (mm): |
| 253.00 | Weight (g): |
| 100 x 150 | Active Area (mm): |

Optical Properties

| | |
|-------|---------------|
| White | Color: |
|-------|---------------|

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 |

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