

## Red 100 x 100mm MBL Backlight



100 x 100mm MBL Backlight

Stock **#75-268** NEW [CONTACT US](#)

1 MRP ₹1,41,777

Price inclusive of all taxes

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### Volume Pricing

Qty 1+	₹1,41,777 each
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### Product Downloads

### General

**Model Number:**  
MBL-100x100-625

**Type of Illumination:**  
LED illumination

**Note:**  
5-Pin M12 cables sold separately (5m#23-951, 10m#23-952, 15m#23-953) Industrial power supply for mounting to DIN rails also sold #75-579

**Manufacturer:**  
Smart Vision Lights LLC

Backlight **Geometry:**

**Illumination Mode:**  
Constant or Strobe (with OverDrive™)

## Physical & Mechanical Properties

**Dimensions (mm):**  
109.00 x 126.50 x 12.35

**Weight (g):**  
272.15

**Active Area (mm):**  
100.54 x 100.54

## Optical Properties

**Color:**  
Red

**Wavelength (nm):**  
625

## Hardware & Interface Connectivity

**Connector:**  
5-pin M12 Connector

**Input Voltage (V):**  
24V (5A)

**Power Supply:**  
Power Supply Required and Sold Separately.  
USA: [#75-577](#)  
Europe: [#75-578](#)  
Japan: [#75-577](#)  
Korea: [#75-579](#)  
China: [#75-579](#)

## Environmental & Durability Factors

**Operating Temperature (°C):**  
-10 to 40

## Regulatory Compliance

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

**Country of Origin:**  
United States

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
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## Product Details

- Enhanced Contrast for Inspection Applications
- Ultra-Slim Mini Backlights
- Available in White, Blue, Red, or NIR
- Includes Multi-Drive™ Driver for High Lux Strobing

Smart Vision Lights MBL Mini Backlights are compact illuminators that feature edge-enhancing technology, which provides maximum contrast when imaging backlit objects. These lights have a high density of LEDs, providing illuminance up to 190,000 lux in continuous mode and 550,000 lux in OverDrive™ strobe mode. With active areas ranging from 25x25mm to 100x100mm and output colors of white, blue, red, or NIR, these lights are a great solution for system integration. Smart Vision Lights MBL Mini Backlights provide collimated illumination that provides excellent edge contrast for reflective objects and curved edges. These backlights are ideal for edge detection, precision machine vision measurements, silhouette imaging, and gauging applications.