

## Smart Vision Lights 45mm 850nm Bar Light



Stock **#90-430** NEW **1 In Stock**

⊖ 1 ⊕ **\$623<sup>00</sup>**

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### Volume Pricing

Qty 1+	<b>\$623.00</b> each
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### Product Downloads

### General

**Model Number:**  
LM45-850-W

**Type of Illumination:**  
LED Illuminator

**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

Bar Light **Geometry:**

Constant or Strobed **Illumination Mode:**

## Physical & Mechanical Properties

51.00 L x 20.00 W x 26.00 D **Dimensions (mm):**

128 **Weight (g):**

44.00 L x 9.75 W **Active Area (mm):**

## Optical Properties

NIR **Color:**

850 **Wavelength (nm):**

100 - 1000 **Working Distance (mm):**

## Electrical

30 - ∞ **Strobe Duration (μs):**

## Hardware & Interface Connectivity

5-pin M12 connector **Connector:**

24 VDC ± 5% **Input Voltage (V):**

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

## Threading & Mounting

T-Slot for M6 Nut **Mount:**

## Environmental & Durability Factors

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

## Regulatory Compliance

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

## Product Details

- Compact Bar Lights Available In 45mm Or 75mm Lengths
- Delivers up to 73,000 (for the 75mm) and 44,000 (45mm) lux with Strobing
- Available In White, Blue, Green, Red, Or IR Wavelengths
- Ideal For Space-Constrained Imaging Applications

Smart Vision Lights LMMini Bar Lights are compact linear lights that are designed to deliver intense light for space-constrained applications and feature IP65 rating for dust and water protection. These lights are available in 45 or 75mm lengths in white, blue (470nm), green (530nm), red (635), or IR (850nm) wavelengths. Built in Multi-Drive™ technology allows for these lights to operate in continuous mode for standard operation or strobe mode for high speed or increased brightness needs. Smart Vision Lights LMMini Bar Lights are recommended to use at a working distance of 100 – 1000mm. Optional mounting brackets are sold separately and can be used to configure the lights in a quad formation to illuminate a larger area.