

## LUMIMAX® LED 40 x 40mm Area Light 1600nm



LUMIMAX® SWIR Area Lights

Stock **#90-901** NEW CONTACT US

⊖ 1 ⊕ MRP ₹1,90,629

📌 Price inclusive of all taxes

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### Volume Pricing

Qty 1+	₹1,90,629 each
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### Product Downloads

### General

101.0075.01.58.20 **Model Number:**

80000 **LED Lifetime (hours):**

LED Illuminator **Type of Illumination:**

**Note:**  
Extension cables and [#66-855](#) required for operation under 'Accessories'.  
Optional intensity controller [#90-833](#) is available

LUMIMAX® **Manufacturer:**

Area **Geometry:**

Constant **Illumination Mode:**

## Physical & Mechanical Properties

55 L x 55 H x 27.5 D **Dimensions (mm):**

170 **Weight (g):**

40 x 40 **Active Area (mm):**

## Optical Properties

SWIR **Color:**

1,600 **Wavelength (nm):**

## Hardware & Interface Connectivity

M16 12-pin plug (male) **Connector:**

19 - 30 VDC **Input Voltage (V):**

## Environmental & Durability Factors

5 to 45 non-condensing **Operating Temperature (°C):**

IP64 **Environmental Rating:**

## Regulatory Compliance

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

Germany **Country of Origin:**

**Imported By:**  
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

## Product Details

- SWIR Wavelengths Options from 980 – 1600nm
- Compact 40 x 40mm Form Factor
- IP64 Rated for Dust and Moisture Protection

LUMIMAX® SWIR Area Lights provide powerful short-wave infrared (SWIR) illumination for demanding machine vision and inspection applications. Designed for wavelengths ranging from 980nm to 1600nm, these compact 40 x 40mm LED area lights deliver uniform, high-intensity output optimized for material sorting, semiconductor inspection, and moisture detection. An optional LUMIMAX Control Box (#90-883) simplifies power management and brightness adjustment, ensuring stable and consistent illumination performance. LUMIMAX® SWIR Area Lights feature industrial-grade construction, versatile mounting options, and can be used as spot, area, or backlight illuminators. These lights are ideal for applications requiring enhanced material contrast beyond the visible spectrum, and they provide reliable illumination for automation, quality control, and research environments.