

LUMIMAX® LED 40 x 40mm Area Light 1580nm



LUMIMAX® SWIR Area Lights

Stock **#90-900** NEW **1 In Stock**

⊖ 1 ⊕ £1,436⁰⁰

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Volume Pricing

Qty 1+	£1,436.00 each
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Product Downloads

General

101.0075.01.57.20 **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

LUMMAX®	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:
1,580	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:

Product Details

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

LUMMAX® 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 LUMMAX Control Box (#90-883) simplifies power management and brightness adjustment, ensuring stable and consistent illumination performance. LUMMAX® SWIR Area Lights feature industrial-grade construction, versatile mounting options, and are 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.