

LUMIMAX® LED 40 x 40mm Area Light 1600nm



LUMIMAX® SWIR Area Lights

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₹1,56,165

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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:
Edmund Optics India Private Limited	Imported By:

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 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.