LUMIMAX® LED 40 x 40mm Area Light 1600nm

LUMIMAX® SWIR Area Lights

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

(-) 1 (+)   £1,436.⁰⁰

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Qty 1+	**£1,436.00** each
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Product Downloads

General

Model Number:	
101.0075.01.58.20	
LED Lifetime (hours):	
80000	
Type of Illumination:	
LED Illuminator	

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

	Manufacturer:	
LUMIMAX®		

	Geometry:	
Area		

	Illumination Mode:	
Constant		

Physical & Mechanical Properties

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

	Weight (g):	
170		

	Active Area (mm):	
40 x 40		

Optical Properties

	Color:	
SWIR		

	Wavelength (nm):	
1,600		

Hardware & Interface Connectivity

	Connector:	
M16 12-pin plug (male)		

	Input Voltage (V):	
19 - 30 V DC		

Environmental & Durability Factors

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

	Environmental Rating:	
IP64		

Regulatory Compliance

	Certificate of Conformance:	
View		

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.

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