

LUMIMAX® LED Ring 850nm Light OD 150mm



LUMIMAX® Configurable Ring Lights

Stock **#90-906** NEW **1 In Stock**

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1

+

£956⁰⁰

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Volume Pricing	
Qty 1+	£956.00 each
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Product Downloads

General	
101.0087.01.08.20	Model Number:
80000	LED Lifetime (hours):
LED Illuminator	Type of Illumination:
Note: Extension cables and #66-855 (Japan: #89-513) required for operation under 'Accessories'. Optional intensity controller #90-883 is available	

LUMIMAX®	Manufacturer:
Ring	Geometry:
Constant	Illumination Mode:
Physical & Mechanical Properties	
150	Outer Diameter (mm):
78 ID x 135 OD	Dimensions (mm):
530	Weight (g):
Optical Properties	
NIR	Color:
850	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

- Wide Range of Available Accessories for Configurable Illumination Solutions
- Available in White, Blue (470nm), Green (528nm), Red (625nm), NIR (850nm) Wavelengths
- Ideal for Flat, Matte, and Reflective Object Surfaces

LUMIMAX® Ring Lights deliver bright, uniform illumination for demanding machine vision applications requiring optimal lighting geometry and color flexibility. Available in White, Blue (470nm), Green (528nm), Red (625nm), and NIR (850nm), these 150mm outer diameter LED ring lights provide consistent, shadow-free illumination for high-contrast imaging. A wide range of accessory kits is available to match specific inspection tasks. The lens array kit (#90-916) includes 12°, 31°, and 49° lens arrays for user-configurable field of view and working distance requirements. The dome extension kit (#90-913) converts the ring light to a highly diffuse homogeneous illuminator for inspection of reflective, curved, or uneven surfaces. The window kit (#90-915) includes a window, diffuser, and polarizer for control of transmission and glare. An optional LUMIMAX Control Box (#90-883) simplifies power management and brightness adjustment, ensuring stable and consistent illumination performance. LUMIMAX® Ring Lights are ideal for applications such as electronics inspection, surface defect detection, and automated optical inspection, and offer versatile and reliable illumination solutions.