

## LUMIMAX® LED Ring 528nm Light OD 150mm



LUMIMAX® Configurable Ring Lights

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**General**

101.0087.01.05.20 **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

LUMMAX®

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

Green

Color:

528

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

LUMMAX® 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 LUMMAX Control Box (#90-883) simplifies power management and brightness adjustment, ensuring stable and consistent illumination performance. LUMMAX® Ring Lights are ideal for applications such as electronics inspection, surface defect detection, and automated optical inspection, and offer versatile and reliable illumination solutions.