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BASLER CAMERA RING LIGHTS

50mm, 70mm, 90mm

2200000641
Ring light, 50OD, 28ID, 470 Blue



- Integrated controller for perfect synchronisation
- Blue, red, or white LEDs
- 50mm, 70mm or 90mm outer diameter
- Easy access to strobe and over drive functions

PRODUCT DESCRIPTION

Basler Camera Ring Lights are precision-engineered illumination accessories designed to deliver uniform, shadow-free lighting for machine vision applications. These ring lights feature high-intensity LEDs arranged in a circular pattern around the camera lens, ensuring even illumination of objects directly in the camera's field of view. Available in various diameters and colours, including white, red, blue, and infrared, they can be matched to specific imaging requirements such as contrast enhancement or material differentiation. The lights are designed with integrated controllers or external control options, supporting adjustable brightness levels and strobe functionality for synchronised image capture, which is crucial in high-speed inspection systems.
Basler Camera Ring Lights are ideal for applications requiring consistent, glare-free lighting—such as surface inspection, defect detection, and precision measurement. Their ability to minimise shadows and highlight fine details makes them especially effective in electronics inspection, pharmaceutical packaging, and print quality control. The compact, robust design ensures compatibility with a wide range of Basler cameras and mounting systems, allowing for easy integration into industrial environments where consistent illumination is key to maintaining image quality and accuracy.

TECHNICAL DATA

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Wavelength	470
Colour	Blue
Light dimensions	22mm diameter
Length	50 mm
Width	50 mm
Height	16 mm
Inner diameter	28 mm
Outer diameter	50 mm
Connector/controller	Integrated controller, constant voltage (66.2x30x20mm)
Input voltage	24 V DC (±10%)
Power consumption	3.1 W
Operating temperature	0 ... 40°C
Storage temperature	-20 ... +60°C
Operating humidity	20-85%

Humidity storage	20-85%
Approvals	CE, EN61000-6-2, EN61000-6-4, RoHS
Weight	110 g

