

AO000191**LED-LIGHTS • ADDITIONAL LIGHTS FOR CAMERA SYSTEMS**

For any kind of inspection tasks with a camera sensor the lighting is essential, as only high-contrast images enable reproducible evaluations. Here the lighting has a decisive influence. The choice depends on different factors such as the distance to the test object, its size, the component criteria to be tested or the expected environmental conditions.

**MECHANICAL DATA**

Ambient temperature (MAX)	55 °C
Ambient temperature (MIN)	-10 °C
Degree of protection (IP)	IP50
Diameter	40 mm
Housing design	Round
Housing material	Aluminium
Number of wires	3

ELECTRICAL DATA

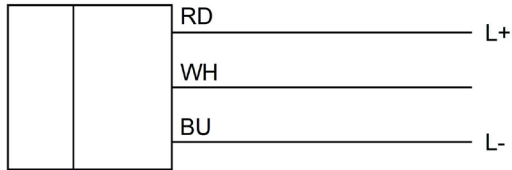
Nominal supply voltage (MAX)	30 V
Nominal supply voltage (MIN)	12 V
Type of electrical connection	Cable
Voltage type	DC

OPTICAL DATA

Actual camera illumination	Yes
Light source	Polarity free red light
Light version	Ring lights
Wavelength of the lamp	630 nm

OTHER DATA

Mounting on lenses	Yes
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CONNECTION

Colors: RD = red, WH = white, BU = blue

Functions: RD = L+, WH = Input Trigger, BU = L-

DIMENSIONAL DRAWING**INSTALLATION**

Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL**SAFETY WARNINGS**

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

LED lighting systems can generate very intense radiation, which, if used improperly, can possibly damage the eyes. For damage caused by improper use or connection, the manufacturer cannot be held responsible.

Never use these devices in applications where the safety of a person depends on their functionality.