

A000530

camera additional lighting • dome lights

LED dome light, Ø172mm, white light, 12.48W, 6500K, 24V diagnostic coverage, M8 connector 4-pin, IP00, aluminum



Homogeneous light guide

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.

Electrical features

Type of electrical connection	Connector M8
Rated operating current	520mA
Flash controller	No
Power	12.48W
Max. peak current	4000mA
Number of pins	4
Protection class	III
Operating voltage (DC)	24V
Flash duration	1 - 1000µs

Mechanical features

Light field width	130mm
Diameter	172mm
Height	20mm
Inner diameter	40mm
Degree of protection (IP)	IP00
Front screen scattering behavior	clear
Housing material	Aluminum
Ambient temperature	10 - 50°C

Optical features

Number of LEDs	128
Color temperature	6500K
Lamp	LED
Light source	White light
Angle of beam spread	120°

Other features

Risk group	0
Operational mode	Permanent operation Switching operation Flash operation
Version	Dome light

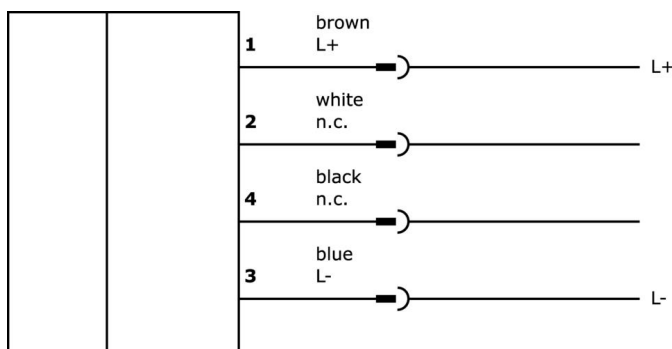
Classification

ETIM 8	EC000348 Machine and workbench light
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More

IPF Product Group	915 camera illumination
packaging dimensions	275 x 210 x 70 mm
gross weight	705 g
Customs tariff number	94054239
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



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.

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

For suitable connection and mounting accessories, please refer to our website www.ipf-electronic.com.

LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.

Dimensional drawing

