

EE1G0171

camera additional lighting • dome lights

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



Homogeneous light guide concave light exit

The compact incident light illuminators with camera aperture are ideal for inspecting objects in bright field with low reflective surfaces. The lateral coupling of the LED light ensures very homogeneous radiation via the entire illuminated area.

Electrical features

Type of electrical connection	Connector M8
Rated operating current	520 mA
Flash controller	No
Power	12.48 W
Number of pins	4
Protection class	III
Operating voltage (DC)	24 V
ardSOCA_ElektrischerAnschluss	M8 4-pin plug connector
ardSOCA_Betriebsspannung	24VDC

Mechanical features

Light field width	130 mm
Diameter	172 mm
Height	20 mm
Inner diameter	40 mm
Degree of protection (IP)	IP00
Front screen scattering behavior	clear
Housing material	Aluminum
Opening diameter	40 mm
Ambient temperature	10 - 50 °C
ardSOCA_Abmessungen	Ø172mm, 20mm high

Optical features

Number of LEDs	128
Color temperature	6500 K
Lamp	LED
Light source	White light
Angle of beam spread	120 °
Risk group	0

Other features

Features	with lens feed-through
Operational mode	Permanent operation

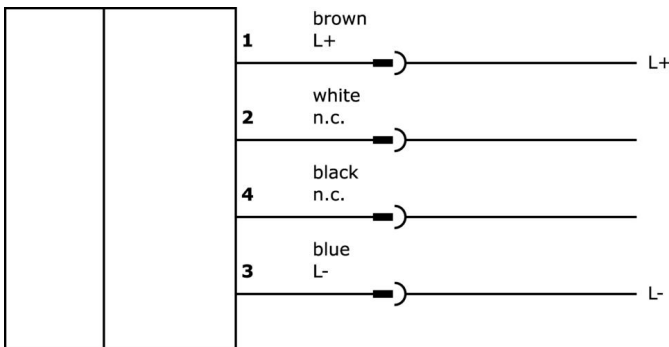
Classification

ETIM 8	EC000348 Machine and workbench light
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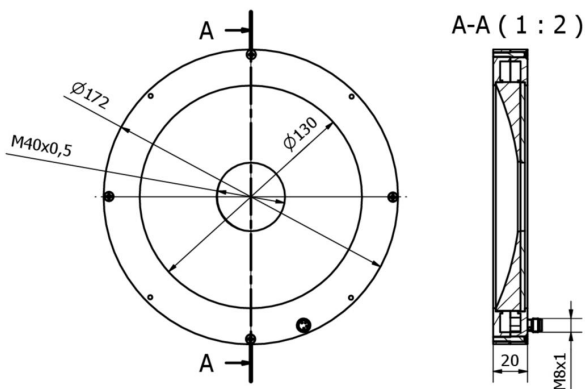
More

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



Dimensional drawing



Extract accessories program

VK000039



Adaption, M8 Female (socket)
4pin Straight, M8 Male
(connector) 3pin Straight, 24V, -
25-85°C, IP67, Oil and cooling
lubricants, Welding area

VK200371



Connection cable, 2m, M8 Female
(socket) 4pin Angular, Free
conductor end, 4x0.34mm², PUR
(Polyurethane), Ø4.7mm, 30V, -
30-90°C, IP67, Suitable for trailing
chain and torsion resistant, Oil and
cooling lubricants, Welding area,
Silicone-free

VK200375



Connection cable, 2m, M8 Female
(socket) 4pin Straight, Free
conductor end, 4x0.34mm², PUR
(Polyurethane), Ø4.7mm, 30V, -
30-90°C, IP67, Suitable for trailing
chain and torsion resistant, Oil and
cooling lubricants, Welding area,
Silicone-free

VK000040



Adaption, M8 Female (socket)
4pin Straight, M12 Male
(connector) 4pin Straight, 24V, -
25-85°C, IP67, Oil and cooling
lubricants, Welding area

VK030F71



Connection cable, 0.3m, M8
socket 4-pin angular, M8
connector 4-pin straight, 4-core,
PUR (polyurethane), suitable for
trailing chain and torsion resistant,
oils and cooling lubricants,
welding area, silicone-free

VK030F75



Connection cable, 0.3m, M8
socket 4-pin straight, M8
connector 4-pin straight, 4-core,
PUR (polyurethane), suitable for
trailing chain and torsion-
resistant, oils and cooling
lubricants, welding area, silicone-
free

You can find further accessories on our homepage



Installation

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



Disposal

WEEE number according to § 6 para. 3
ElektroG: 40951076

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.

/ 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.