

## ESK00140

### camera additional lighting • Reflected light luminaires

LED incident light, 100x100x65mm, infrared light, 24W, 850nm, 14° angle of emitted beam, 19-30V DC, M16 cable connector 12-pin 0.15m, IP64, aluminum+PMMA



### small angle of emitted beam

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	Cable connector M16
Rated operating current	1000 mA
Flash controller	internal
Power	24 W
Number of pins	12
Protection class	III
Operating voltage (DC)	19 - 30 V
Adjustable brightness	Yes

#### Mechanical features

Width	100 mm
Height	65 mm
Cable length	0.15 m
Length	100 mm
Degree of protection (IP)	IP64
Front screen scattering behavior	clear
Housing material	Aluminum
Front screen material	Polymethyl methacrylate
Ambient temperature	5 - 45 °C

#### Optical features

Number of LEDs	16
Lamp	LED
Light source	Infrared light
Wavelength of the sensor	850 nm
Angle of beam spread	14 °
Risk group	2

**Other features**

Operational mode	Permanent operation   Switching operation
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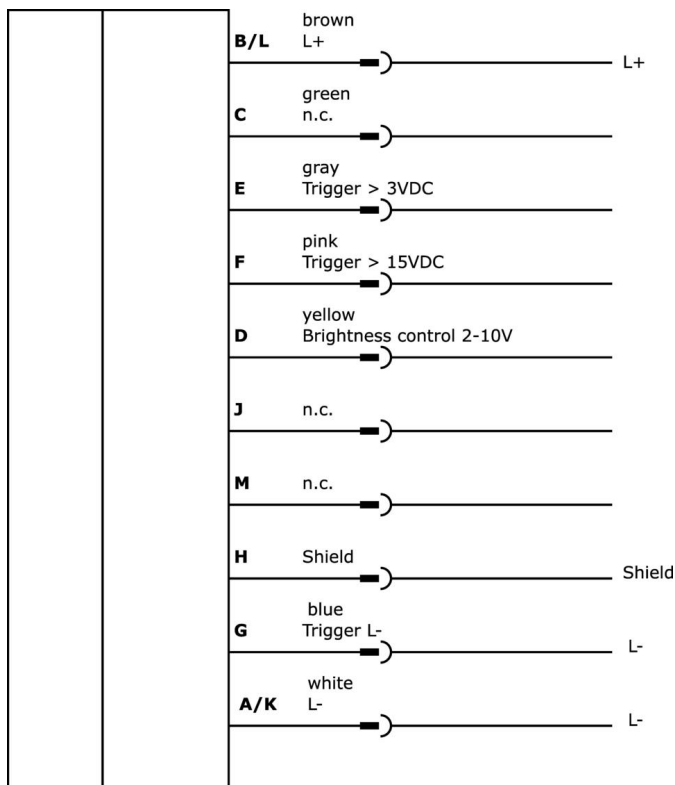
**Classification**

ETIM 8	EC000348 Machine and workbench light
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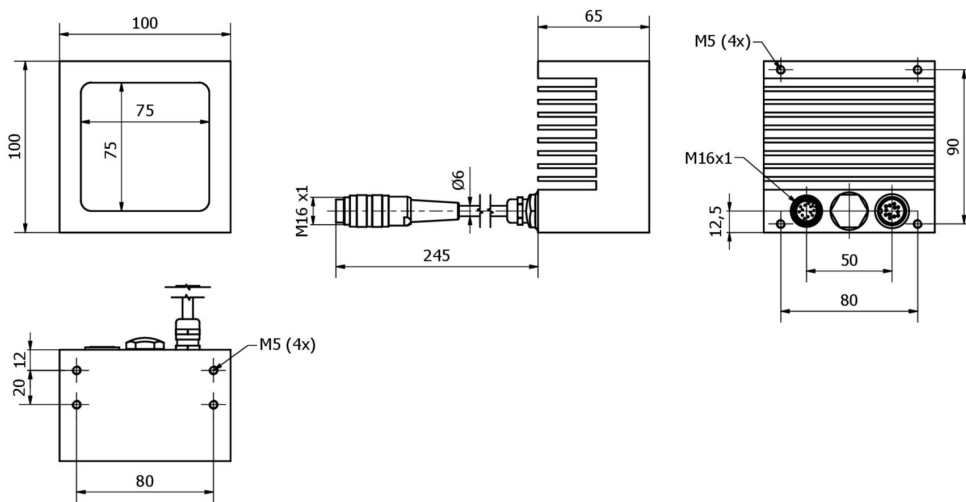
**More**

IPF Product Group	915 camera illumination
packaging dimensions	225 x 155 x 135 mm
gross weight	1129 g
Customs tariff number	94054239
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

**Connection**



**Dimensional drawing**



**Extract accessories program**

**VK000054**



Y-connection cable, 0.05m, 2x M12 12-pin straight, 1x M16 socket 12-pin straight, 0.34mm<sup>2</sup>, PUR (polyurethane) black, Ø6. 5mm, suitable for trailing chain and torsion resistant

**VK255C44**



Connection cable, 2.5m, M16 Female (socket) 12pin Straight, Free conductor end, 12wire, Other, 300V, IP67, Shielded, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants

**VK505C44**



Connection cable, 5m, M16 Female (socket) 12pin Straight, Free conductor end, 12wire, Other, 300V, IP67, Shielded, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants

**AE000014**



accessories light, Mounting bracket, 10x100x35mm, Aluminum

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.