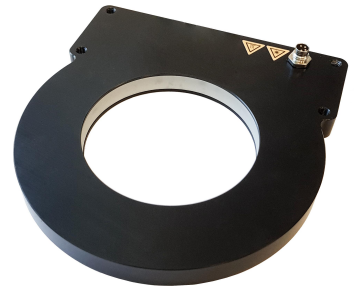


Dark field light series EF750x70

LED dark field light, 130x141x12mm, inner diameter 75mm, 22-26V DC, M8 connector
4-pin, IP54, aluminum+PMMA



Suitable for continuous and flash operation
For highlighting surface defects, scratches or engravings

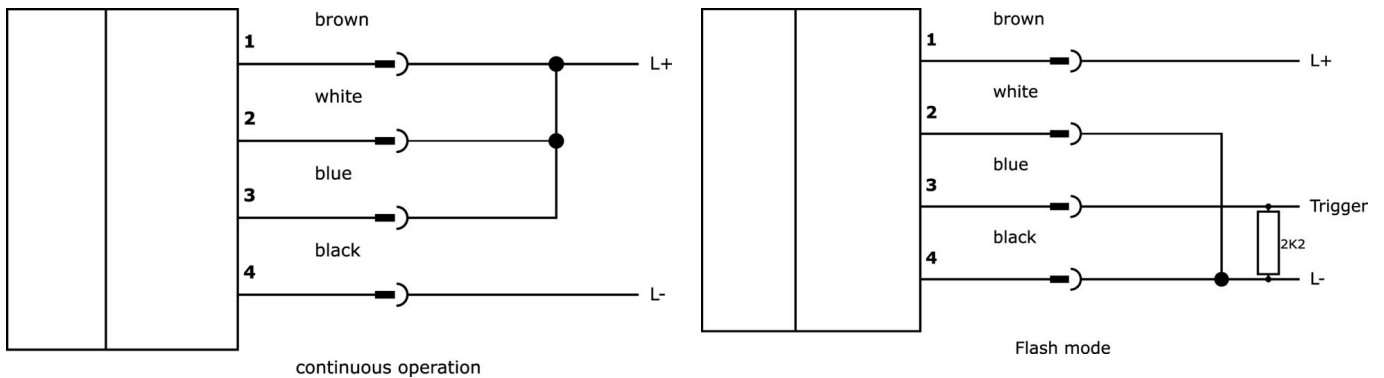
The illumination of the test objects is provided by the lateral light exit at very shallow brackets. This illumination, also described as dark field illumination, is ideal for inspecting object surfaces or edges, as the lateral illumination means that the light is only reflected back to the camera from angled surfaces, such as scratches or relief structures.

The housing of the horizontal ring lights is particularly compact and can therefore also be used optimally in space-critical inspections. Due to the compact housing and shadow-free illumination, horizontal ring lights are also often used for barcode reading applications.

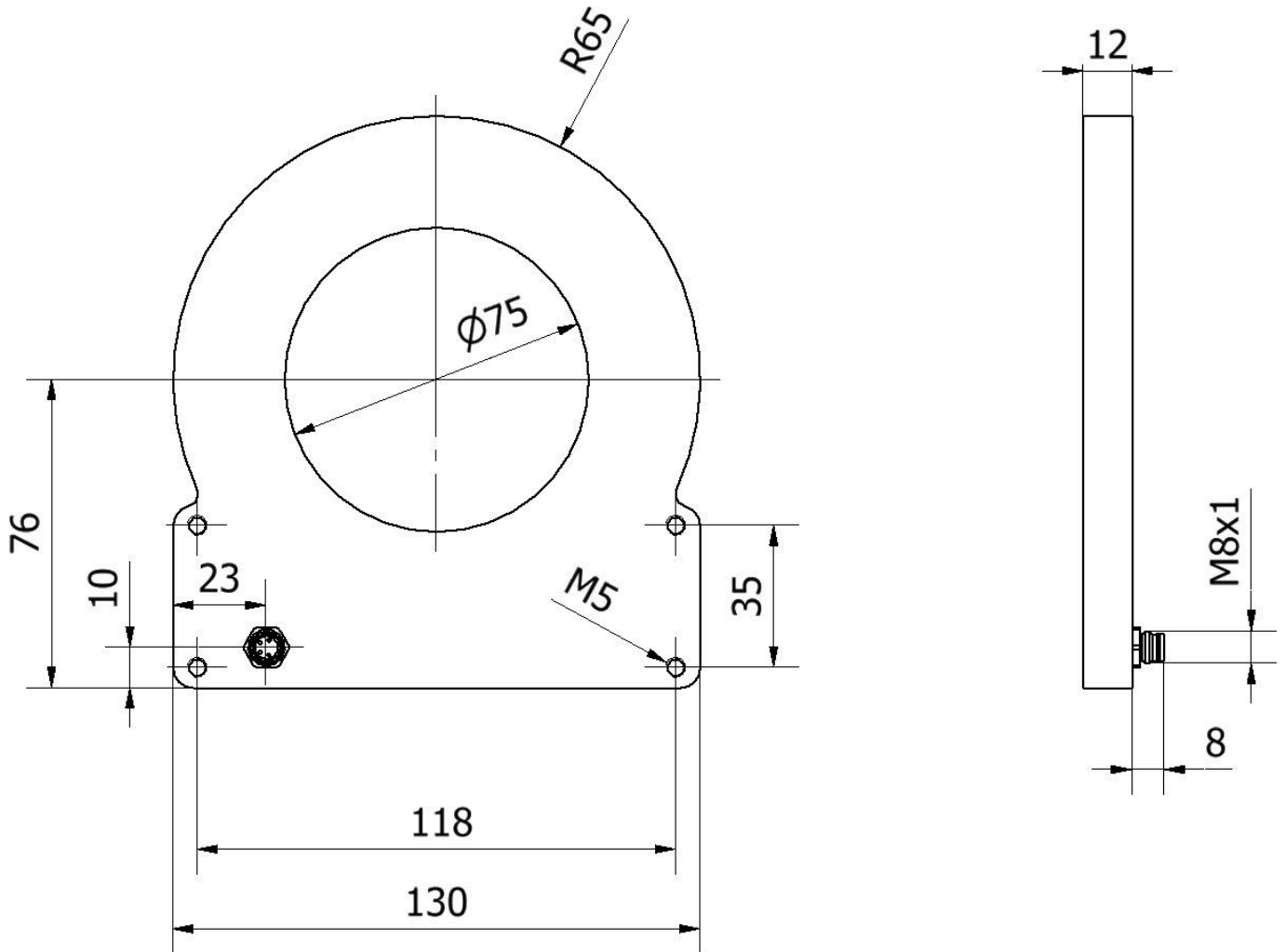
Article No.	EF750170	EF750670	EF750770
ardSOCA_Abmessungen	141x130x12mm		
Inner diameter	100 mm	75 mm	75 mm
ardSOCA_Betriebsspannung	23-25VDC		
Rated operating current	300 mA		
Power	6 W	6 W	3 W
Protection class	III		
Operational mode	Permanent operation Flash operation		
Working distance range	1 - 30 mm		
Light source	White light	Blue light	Polarity free red light
Wavelength of the sensor	465 nm		625 nm
ardSOCA_ElektrischerAnschluss	M8 4-pin plug connector		
Degree of protection (IP)	IP54		
Housing material	Aluminum		
Front screen material	Polymethyl methacrylate		
Ambient temperature	10 - 30 °C		
Risk group	0	1	0

Article No.	EF750870	EF750I70
ardSOCA_Abmessungen	141x130x12mm	
Inner diameter	75 mm	
ardSOCA_Betriebsspannung		
Rated operating current	300 mA	450 mA
Power	7.2 W	2 W
Protection class	III	
Operational mode	Permanent operation Flash operation	
Working distance range	1 - 30 mm	
Light source	Green light	Infrared light
Wavelength of the sensor	525 nm	850 nm
ardSOCA_ElektrischerAnschluss	M8 4-pin plug connector	
Degree of protection (IP)	IP54	
Housing material	Aluminum	
Front screen material	Polymethyl methacrylate	
Ambient temperature	10 - 30 °C	
Risk group	0	

Connection




Dimensional drawing




Extract accessories program

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

VK06F001




Line for camera lighting in continuous operation on OC53 with internal flash controller, 0.6m, M8 socket 4-pin straight, M8 connector 4-pin straight, 4-wire

VK06F002




Line for camera lighting in flash mode to OC53 with internal flash controller, 0.6m, M8 socket 4-pin straight, M8 connector 4-pin straight, 4-wire

AO000653



Accessories Optical, mounting bracket, 134x49x36mm, anodized aluminum

AO000654



Accessories Optical, mounting bracket, 130x66x61,5mm, anodized 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.