

EM300U21

LED lights • Machine and bench lights

LED machine light, Ø30mm, 250mm long, UV light, 395-400nm,6W, 22.8-25.2V DC, M12-connector 3-pin, IP67, aluminum + PMMA

- / robust aluminum housing
- / Protection class IP67
- / Angle of emitted beam 120°



UV light PMMA front screen

LED lights are needed in almost every industrial sector. Illumination tailored to the respective workplace ensures better visibility, improves production quality, increases workplace safety and also helps to save energy costs. The long life, independent of switching cycles, reduces maintenance costs and increases availability. LED lights are used to illuminate workstations, operating ranges of machines, switching cabinets and a number of other areas of application.

Electrical features

Type of electrical connection	Connector M12
Power	5.76 W
Number of pins	3
Protection class	III
Reverse polarity protection	Yes
Operating voltage (DC)	22,8 - 25,2 V
ardSOCA_ElektrischerAnschluss	M12 3-pin plug connector
ardSOCA_Betriebsspannung	23-25VDC

Mechanical features

Design	Pipe
Light field width	25 mm
Diameter	30 mm
Storage temperature	0 - 40 °C
Length	261 mm
Light field length	198 mm
Degree of protection (IP)	IP67
Front screen scattering behavior	clear
Housing material	Aluminum
Front screen material	Polymethyl methacrylate
Ambient temperature	0 - 40 °C
ardSOCA_Abmessungen	Ø30mm, 261mm long

Optical features

Lamp	LED
Light source	Ultraviolet
Wavelength of the sensor	395 nm
Angle of beam spread	120 °
Risk group	3

Classification

ETIM 8

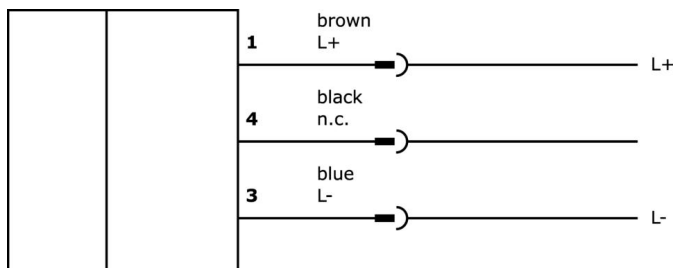
More

IPF Product Group	190 machine illuminations
packaging dimensions	330 x 47 x 43 mm
gross weight	318 g
Customs tariff number	94054239
WEEE number	40951076
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

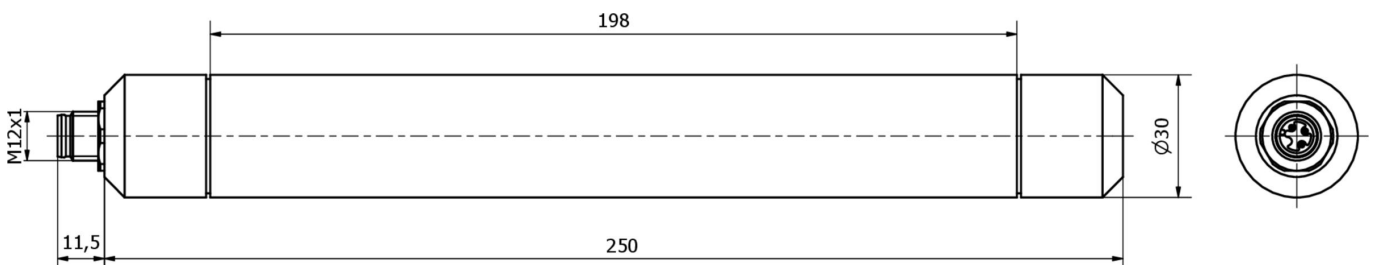
Important notes

/ La radiación UV irrita y daña los ojos y puede provocar irritaciones cutáneas. Peligro de ceguera. No mire a la luz UV.

Connection



Dimensional drawing



Extract accessories program

NG400501



DC power supply, 1-phase, 125x114x40mm, 24-28V, 5A, 90-264V AC 50Hz, 90-264V AC 60Hz, 127-370V DC, screw connection, IP20, aluminum, stabilized, pulsed output voltage

VY000007



LED brightness module, 55x120x80mm, 4A, 24V DC, M12-connector, IP40, plastic

VK200021



Connection cable, 2m, M12 Female (socket) 3pin Angular, Free conductor end, 3x0.34mm², PUR (Polyurethane), Ø4.3mm, 250V, -30-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK200025



Connection cable, 2m, M12 Female (socket) 3pin Straight, Free conductor end, 3x0.34mm², PUR (Polyurethane), Ø4.3mm, 250V, -30-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK200321



Connection cable, 2m, M12 Female (socket) 4pin Angular, Free conductor end, 4x0.34mm², PUR (Polyurethane), Ø4.7mm, 250V, -40-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK200325



Connection cable, 2m, M12 Female (socket) 4pin Straight, Free conductor end, 4x0.34mm², PUR (Polyurethane), Ø4.7mm, 250V, -40-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK200621



Connection cable, 2m, M12 Female (socket) 5pin Angular, Free conductor end, 5x0.34mm², PUR (Polyurethane), Ø5.4mm, 60V, -25-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK200625



Connection cable, 2m, M12 Female (socket) 5pin Straight, Free conductor end, 5x0.34mm², PUR (Polyurethane), Ø5.4mm, 60V, -25-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK003020



Cable socket, angular, self-assembly, screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 socket 4-pin, IP67, PBT

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.