

EM550121

LED lights • Machine and bench lights

LED machine light, 55x300x20mm, white light, 13W, 2000lx, 5000K, 22-28V DC, M12 connector 4pin, IP67, aluminum+float glass

- / Front screen made of tempered float glass
- / Light color neutral white
- / Increased resistance to cooling lubricants
- / Increased resistance to chip bombardment



Large angle of emitted beam Anodized aluminum housing

LED lights are needed in almost every industrial sector. Illumination matched to the respective workplace ensures better visibility, increases production quality, improves occupational safety and also helps to save energy costs. The long service life, which is independent of switching cycles, reduces maintenance and increases availability. LED lights are used for the illumination of workplaces, work areas of machines, control cabinets and several other applications..

Electrical features

Type of electrical connection	M12-connector
Rated operating current	542mA
Operating voltage (DC)	22 - 28V
Power	13W
Number of pins	4
Protection class	III
Reverse polarity protection	Yes

Mechanical features

Design	Cuboid
Width	55mm
Height	20mm
Storage temperature	-20 - 40°C
Length	300mm
Degree of protection (IP)	IP67
Front screen scattering behavior	diffuse
Housing material	Aluminum
Front screen material	Float glass tempered

Optical features

Illuminance at 500mm distance	2000lx
Illumination in the center (distance 1 m)	500lx
Color temperature	5000K
Lamp	LED
Light source	White light
Angle of beam spread	120°

Other features

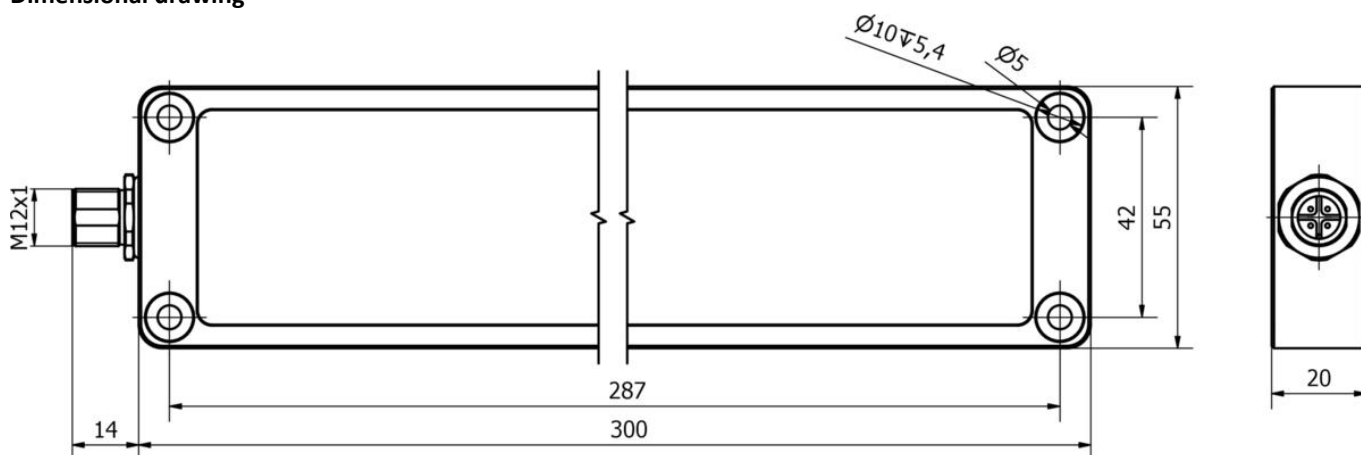
Version	Machine light
Risk group	0
Ambient temperature	-20 - 40°C

Classification

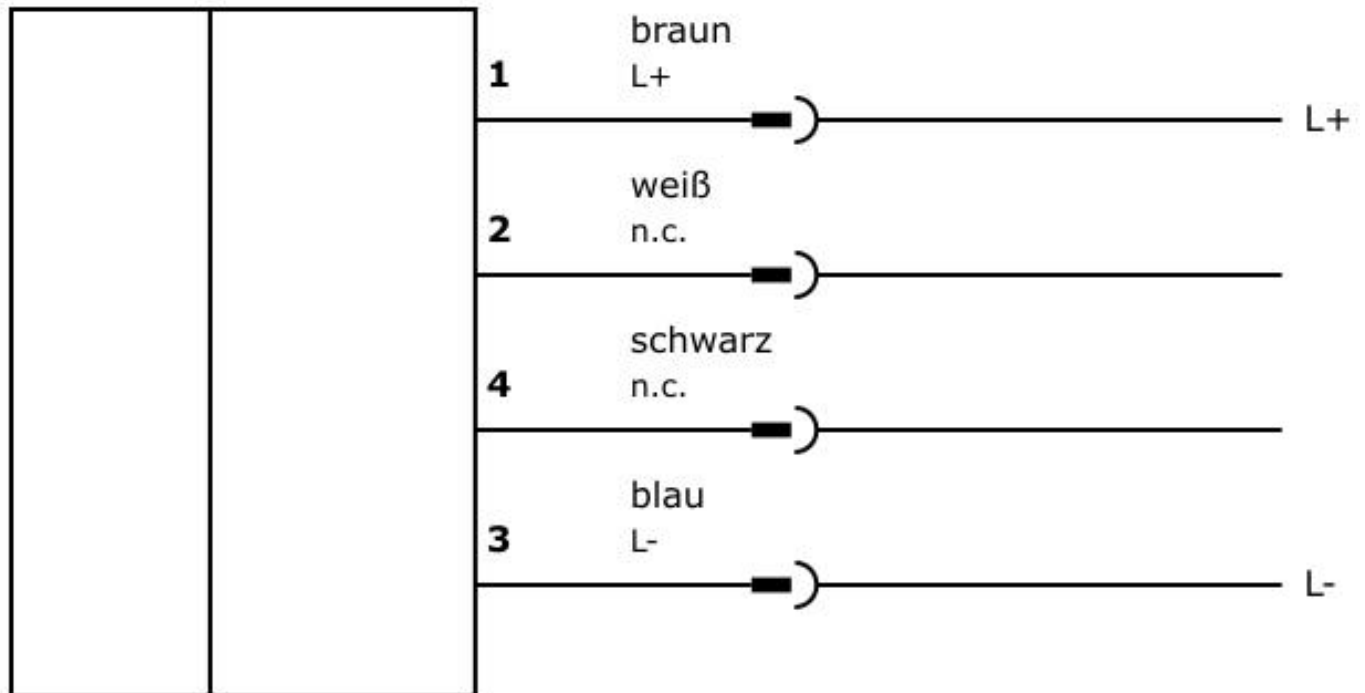
ETIM 8	EC000348 Machine and workbench light
eClass 7.0	27119010
eClass 7.1	27119010
eClass 8.0	27119010
eClass 9.0	27110345
eClass 9.1	27110345

More

IPF Product Group	190 machine illuminations
packaging dimensions	625 x 85 x 65 mm
gross weight	770 g
Customs tariff number	94054239
WEEE number	40951076

Dimensional drawing


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.