

EM400121

LED-LIGHTS • MACHINE AND BENCH LIGHTS

LED lights are required in nearly every industrial sector. A lighting coordinated on the respective workplace ensures a better visibility, increases the production quality, the working safety and helps additionally to save energy costs. Their long lifetime, which is independent of switching cycles, reduces maintenance costs and increases the availability. LED lights are used for the illumination of workplaces, work areas of machines, control cabinets and several other fields of application.



MECHANICAL DATA

Ambient temperature (MAX)	50 °C
Ambient temperature (MIN)	-20 °C
Degree of protection (IP)	IP67
Diameter	40 mm
Front screen material	Safety glass
Housing design	Pipe
Housing material	Aluminium
Length	540 mm
Wet area	Yes

ELECTRICAL DATA

Lamp power	16 W
Luminous flux	1680 lm
Max. current consumption	1250 mA
Nominal supply voltage (MAX)	28 V
Nominal supply voltage (MIN)	20 V
Number of pins	4
Protection class	III
Type of electrical connection	Connector M12
Voltage type	DC

OPTICAL DATA

Actual camera illumination	No
Color temperature	5000 K
Illuminance at 500mm distance	2160 lx
Illumination in the center (distance 1 m)	540 lx
Lamp	LED
Light source	Neutral white
Light version	Machine light
Radiation angle	90 °
With lamp	No

OTHER DATA

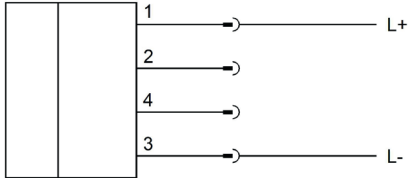
Harsh environmental conditions

Yes

Risk groups

0

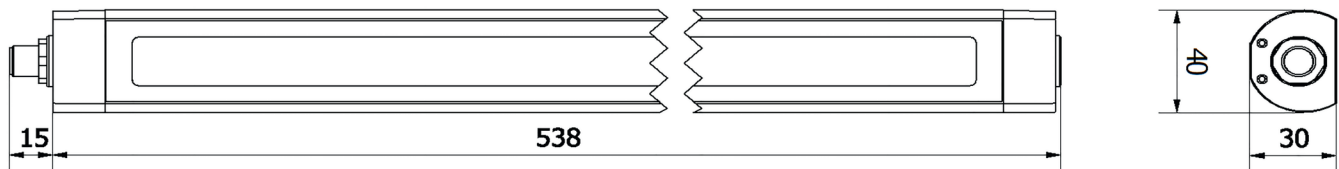
CONNECTION



Colors: 1 = BN (brown), 2 = WH (white), 3 = BU (blue), 4 = BK (black)

Functions: 1 = L+, 2 = n. c., 3 = L-, 4 = n. c.

DIMENSIONAL DRAWING



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!

LED lighting systems can generate very intense radiation, which, if used improperly, can possibly damage the eyes. For damage caused by improper use or connection, the manufacturer cannot be held responsible.

Never use these devices in applications where the safety of a person depends on their functionality.