

EM500124

LED lights • Machine and bench lights

LED machine light, Ø50mm, 565mm long, white light, 24.6W, 3798 lm, 5700K, 22-26V DC, -30-50°C, 4-pin M12 connector, IP67/IP69K, stainless steel + PC plastic, opal white



/ V4A stainless steel end caps

**Durable coating to prevent dirt from adhering
Up to a cleaning temperature of +80°**

These rugged and compact high-power LED surface-mounted lights impress with their high performance. Thanks to their polycarbonate housing, the luminaires are suitable for use in production environments in the food and pharmaceutical industries. The luminaire diameter is 50 mm. The special stainless steel end caps also serve to dissipate heat. The luminaires can be used at ambient temperatures up to 50 °C. The 100° angle of emitted beam ensures that a large area is evenly illuminated. The color temperature is 5,700 K. The use of SMD LEDs produces uniform, flicker-free light. Holders made of PP/V4A (AO000562) are available for the lights. Alternatively, the AE000048 and AE000049 holders are also available for mounting. The connection is via an M12-connector made of V4A. The positive terminal of the voltage supply can be connected via PIN 1 (brown) or PIN 4 (black).

Electrical features

Type of electrical connection	Connector M12
Rated operating current	1000 mA
Power	24.6 W
Luminous flux	2200 lm
Number of pins	4
Protection class	III
Operating voltage (DC)	21,6 - 26,4 V
Adjustable brightness	via pulse width modulation
Electrical connection	M12 4-pin connector
Luminous efficiency	155 lm/W
Operating voltage	22–26 VDC

Mechanical features

Design	Pipe
Diameter	50 mm
Length	565 mm
Degree of protection (IP)	IP67 / IP69k
Front screen scattering behavior	diffuse
Housing material	Stainless steel (V4A)
Front screen material	Polycarbonate
Ambient temperature	-30 - 50 °C
dimensions	Ø50 mm, 565 mm long
ardTEME_IkStossfestigkeitsgrad	IK09 (20cm – 5kg)

Optical features

Color temperature	5700 K
Light source	White light
Angle of beam spread	100 °
Risk group	0

Other features

Average nominal service life	100000 h
Harsh environmental conditions	Yes

Classification

ETIM 8

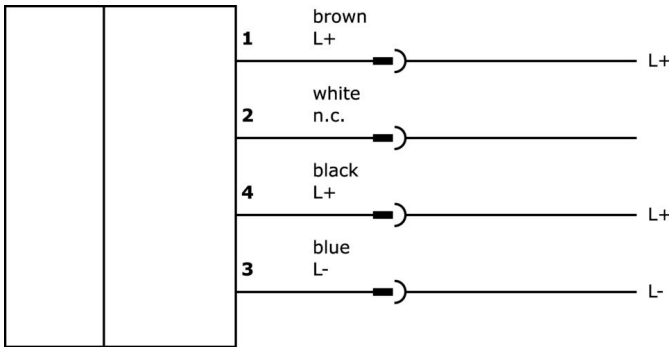
More

IPF Product Group	190 machine illuminations
packaging dimensions	660 x 85 x 80 mm
gross weight	1140 g
Customs tariff number	94054239
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

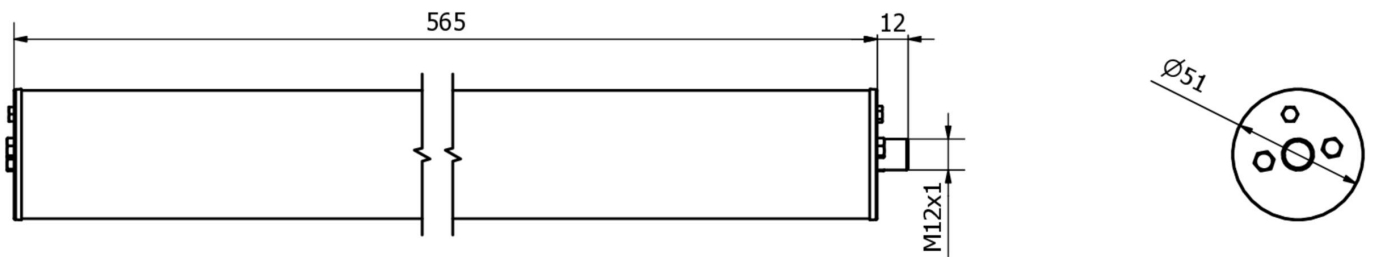
Important notes

/ This article is not intended for use in environments containing oil and cooling lubricants!

Connection



Dimensional drawing



Extract accessories program

VK030F25

Connection cable, 0.3m, M12 socket 4-pin straight, M12 connector 4-pin straight, 4x0.34mm², PUR (polyurethane), 240V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

AO000562

accessories optical, Other, Mounting material for lights

AE000049

Optical accessories, mounting material for light up, cable straps

AE000048

Accessories Optical, mounting material for light up, spring clamp, stainless steel

VY000007

LED brightness module, 55x145x121mm, 4A, 24V DC, M12 connector, IP40, plastic

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

VK20R321

Connection cable, 2m, M12 Female (socket) 4pin Angular, Free conductor end, 4x0.34mm², PUR (Polyurethane) Orange, Ø5.2mm, 250V, -40-90°C, IP67, TPU, 4A, Robotics, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Weldi...

VK20R325

Connection cable, 2m, M12 Female (socket) 4pin Straight, Free conductor end, 4x0.34mm², PUR (Polyurethane) Orange, Ø5.2mm, 250V, -40-90°C, IP67, TPU, Robotics, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding ...

VK200021

Connection cable, 2m, M12 socket 3-pin angular, free cable end, 3x0.34mm², PUR (polyurethane), Ø4.3mm, 250V, -30-90°C, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

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.