

6149/2-2511-5010 Art. No. 273991



- Long-life, energy-saving, midpower LEDs embody design innovation
- For 110 to 240 V AC/DC, 24 to 48 V AC/DC or 12 V DC
- Standard version with diffuser for reduced glare and H07-RNF connection line, 2 x 1.5 mm²
- Further connection lines and connectors available as options

WebCode 6149B



The 6149 inspection light is a versatile light that allows you to see into every corner. This is all down to its state-of-the-art LED technology, coupled with its long-life electronics, which have been developed in-house by R. STAHL and exhibit high energy efficiency and superior illuminance. The innovative design of the enclosure makes the light extremely slim and lightweight. Its lockable suspension hooks and practical anti-roll protection make it ideal for use in the workshop.

Technical Data

Explosion Protection

Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 07.0018
IECEX gas explosion protection	Ex d IIC T4 Gb
IECEX dust certificate	IECEX PTB 07.0018
IECEX dust explosion protection	Ex tb IIIC T100 °C Db
ATEX gas certificate	PTB 07 ATEX 1009
ATEX gas explosion protection	Ex II 2 G Ex d IIC T4 Gb
ATEX dust certificate	PTB 07 ATEX 1009
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T100 °C Db
Certificates and approvals	ATEX IECEX
Certificates	ATEX (PTB), IECEX (PTB)

Electrical Data

Rated operational voltage DC	12 V
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Lighting Data

Number of lamps	1
Lamp wattage	13 W
Lamp	Single-row LED
Light colour	Neutral white
Light distribution	with diffuser
Luminaire efficacy	104 lm/W
Luminous flux	1396 lm
Colour rendering	≥ 80
Colour temperature	5000 K

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Ambient Conditions

Ambient temperature -40 °C ... +40 °C

Mechanical Data

Version Standard

Degree of protection (IP) IP66 / IP67

Class III

Enclosure material Aluminium

Silicone-free content Silicone-free

Pipe material Polycarbonate

Max. finely stranded connection terminals 1.5 mm²

Type of connection cable H07RN-F 2x1.5 mm²

Cable length 5 m

Size 1

Width 52 mm

Height 52 mm

Length 595 mm

Diameter 52 mm

Weight 1.655 kg

Weight 3.65 lb

Components

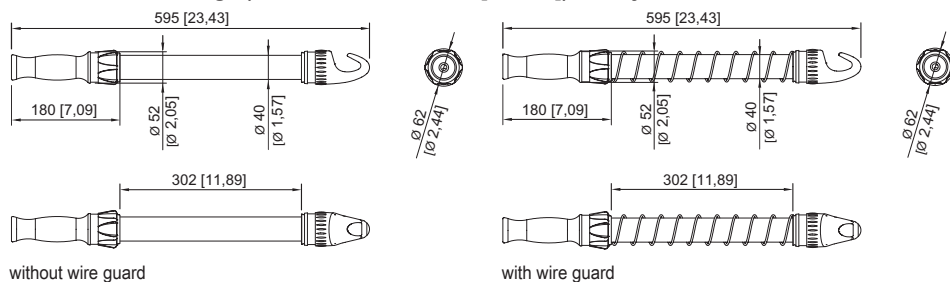
Plug without

Ballast LED, CSS

Cable glands and entries 1 CMP-20s-A2F cable entry

Wire guard No

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Accessories

Mounting bracket



Mounting bracket made from galvanised sheet steel (x 2 units); for design size 1

Art. No.

120535

Mounting bracket and magnet



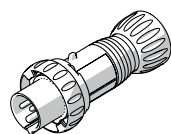
Mounting bracket made from galvanised sheet steel with magnetic base (x 2 units); for design size 1

Art. No.

120536

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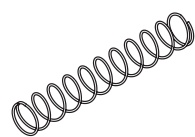
Plug **Art. No.**



8570/12-304 3-pole, 100 to 130 V AC, 50 / 60 Hz, 16 A	257778
8570/12-306 3-pole, 200 to 250 V AC, 50 / 60 Hz, 16 A	257780
8573/12-200 2-pole, 20 to 25 V, 50 / 60 Hz, 16 A	243197
8573/12-210 2-pole, 20 to 25 V, DC, 16 A	243203
8573/12-300 3-pole, 20 to 25 V, 50 / 60 Hz, 16 A	243190
8573/12-312 3-pole, 40 to 50 V, 50 / 60 Hz, 16 A	243195

Spare Parts

Wire guard **Art. No.**



Stainless steel wire guard for additional mechanical protection	120509
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We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.