

6149/2-5211-5011 Art. No. 252207



- Long-life, energy-saving, high-performance 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
Certificate IECEX Gas	IECEX PTB 07.0018
Certificate ATEX Gas	PTB 07 ATEX 1009
Certificate IECEX Dust	IECEX PTB 07.0018
Certificate ATEX Dust	PTB 07 ATEX 1009
Gas explosion protection IECEX	Ex d IIC T4 Gb
Gas explosion protection ATEX	⊕ II 2 G Ex d IIC T4 Gb
Dust explosion protection IECEX	Ex tb IIIC T100 °C Db
Dust explosion protection ATEX	⊕ II 2 D Ex tb IIIC T100 °C Db
Certificates	ATEX (PTB), Brazil (ULB), EAC (STV), IECEX (PTB), Taiwan (ISTI)
Languages of the documentation	German English Brazil Russian
EAC certificate	TS RU S-DE.GB04.B.00136

Electrical Data

AC rated operational voltage	110 – 240 V
DC rated operational voltage	110 – 240 V
Nominal current	0.13 – 0.13 A
Frequency range	50 – 60 Hz
Lamp wattage	16 W

Lighting Data

Number of Lamps	1
Lamp wattage	16 W

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Lighting Data

Lamp	Double-row LED
Light colour	Neutral white
Luminaire efficacy	63 lm/W
Luminous flux	1000 lm
Colour rendering	≥ 80
Colour temperature	5000 K

Ambient Conditions

Min. ambient temperature	-30 °C
Max. ambient temperature	+60 °C
Ambient temperature	-30 °C ... +60 °C
Min. storage temperature	-999 °C
Max. storage temperature	-999 °C
Storage temperature	-999 °C ... -999 °C

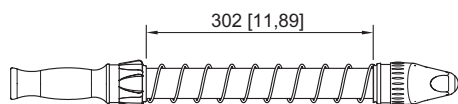
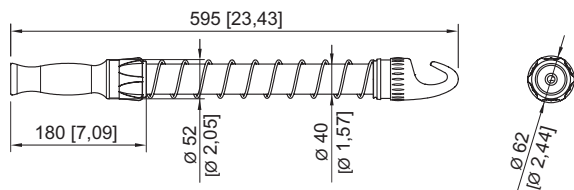
Mechanical Data

Version	Standard
Degree of protection (IP)	IP66 / IP67
Protection class	II (double insulated)
Enclosure material	Aluminium
Diffuser	With diffuser
Pipe material	Polycarbonate
Max. fine. strand. conn. term.	1.5 mm ²
Type of connection cable	H07RN-F 2x1.5 mm ²
Cable length	5 m
Design size	1
Width	52 mm
Height	52 mm
Length	595 mm
Diameter	52 mm
Weight	1.825 kg

Components

Screw connections	1 CMP-20s-A2F cable entry
Wire guard	Yes



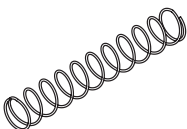
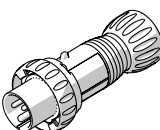
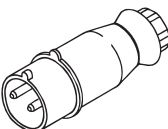
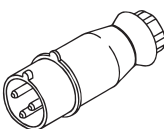
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



with wire guard

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Accessories and Spare Parts

Mounting bracket		Art. No.
	Mounting bracket made from galvanised sheet steel (x 2 units); for design size 1	120535
Mounting bracket and magnet		Art. No.
	Mounting bracket made from galvanised sheet steel with magnetic base (x 2 units); for design size 1	120536
Wire guard		Art. No.
	Stainless steel wire guard for additional mechanical protection	120509
Plug		Art. No.
	8570/12-304 3 pins, 100 ... 130 V AC, 50 / 60 Hz, 16 A	150599
	8570/12-306 3 pins, 200 ... 250 V AC, 50 / 60 Hz, 16 A	150579
	8570/12-100 2 pins, 20 ... 25 V AC, 16 A	151545
	8570/12-110 2 pins, 20 ... 25 V, 16 A	151553
	8570/12-200 3 pins, 20 ... 25 V AC, 16 A	151486
	8570/12-212 3 pins, 40 ... 50 V AC, 16 A	151496

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.