

6149/2-3511-5011 Art. No. 273999



- 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

MY R. STAHL 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)
Declaration of Conformity	ATEX (EGK)

Electrical Data

Rated operational voltage AC	24 ... 48 V
Rated operational voltage DC	24 ... 48 V
Frequency range	50 – 60 Hz

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

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Lighting Data

Colour temperature	5000 K
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Ambient Conditions

Ambient temperature	-40 °C ... +60 °C
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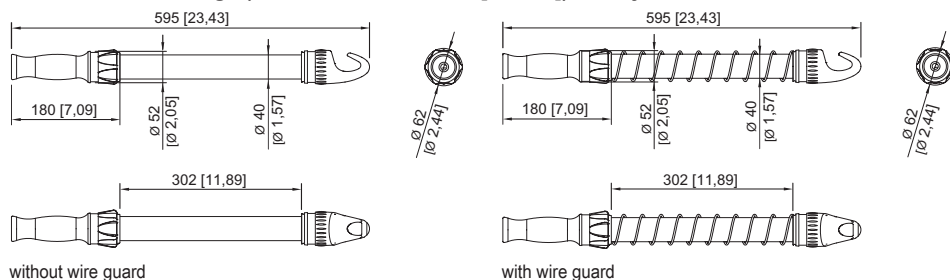
Mechanical Data

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 mm ²
Type of connection cable	H07RN-F 2x1.5 mm ²
Cable length	5 m
Size	1
Width	52 mm
Height	52 mm
Length	595 mm
Diameter	52 mm
Weight	1.62 kg
Weight	3.57 lb

Components


Plug	without
Ballast	LED, CSS
Cable glands and entries	1 CMP-20s-A2F cable entry
Wire guard	Yes

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
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Mounting bracket and magnet

Art. No.



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

120536

Plug

Art. No.



8570/12-304-S-XX-X-XX-XXX 3-pole plug, 100 to 130 V AC, 50/60 Hz, 16 A

272896



8570/12-306-S-XX-X-XX-XXX 3-pole plug, 200 to 250 V AC, 50 / 60 Hz, 16 A

272898



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 protective cage
For additional mechanical protection

120509

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.