

6149/2-5611-7011 Art. No. 274039



- 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 mm<sup>2</sup>
- 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<br>2<br>21<br>22             |
| IECEX gas certificate           | IECEX PTB 07.0018              |
| IECEX gas explosion protection  | Ex d IIC T6 Gb                 |
| IECEX dust certificate          | IECEX PTB 07.0018              |
| IECEX dust explosion protection | Ex tb IIIC T80 °C Db           |
| ATEX gas certificate            | PTB 07 ATEX 1009               |
| ATEX gas explosion protection   | Ex II 2 G Ex d IIC T6 Gb       |
| ATEX dust certificate           | PTB 07 ATEX 1009               |
| ATEX dust explosion protection  | Ex II 2 D Ex tb IIIC T80 °C Db |
| Certificates and approvals      | ATEX<br>IECEX                  |
| Certificates                    | ATEX (PTB), IECEX (PTB)        |
| Declaration of Conformity       | ATEX (EGK)                     |

#### Electrical Data

|                              |               |
|------------------------------|---------------|
| Rated operational voltage AC | 110 – 240 V   |
| Rated operational voltage DC | 110 ... 240 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       |

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### Lighting Data

|                    |         |
|--------------------|---------|
| Luminous flux      | 1396 lm |
| Colour rendering   | ≥ 80    |
| Colour temperature | 5000 K  |

### Ambient Conditions

|                     |                   |
|---------------------|-------------------|
| Ambient temperature | -30 °C ... +40 °C |
|---------------------|-------------------|

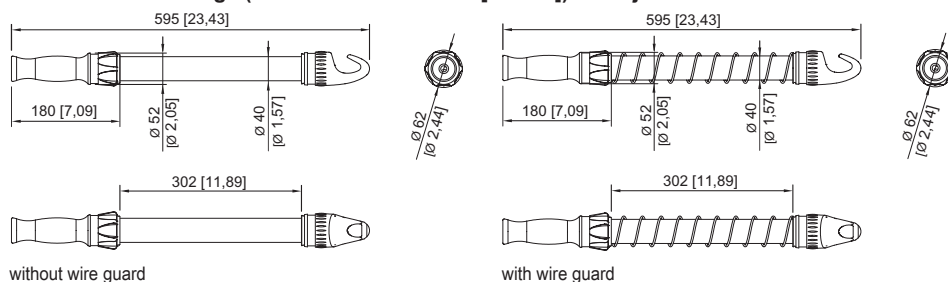
### Mechanical Data

|   |                               |
|---|-------------------------------|
| Version                                   | With wire guard               |
| Degree of protection (IP)                 | IP66 / IP67                   |
| Class                                     | II (double insulated)         |
| Enclosure material                        | Aluminium                     |
| Silicone-free content                     | Silicone-free                 |
| Pipe material                             | Polycarbonate                 |
| Max. finely stranded connection terminals | 1.5 mm <sup>2</sup>           |
| Type of connection cable                  | H07RN-F 2x1.5 mm <sup>2</sup> |
| Cable length                              | 10 m                          |
| Size                                      | 1                             |
| Width                                     | 52 mm                         |
| Height                                    | 52 mm                         |
| Length                                    | 595 mm                        |
| Diameter                                  | 52 mm                         |
| Weight                                    | 2.45 kg                       |
| Weight                                    | 5.4 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.<br>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



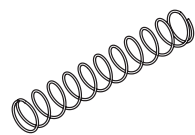
8573/12-312 3-pole, 40 to 50 V, 50 / 60 Hz, 16 A

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.