

## Lighting

## Pendant light fitting LED

STAHL

6050/604-202-6B2-000850-001 Art. No. 292300



- Ultra light, ultra compact
- High lighting efficiency
- Additional extreme ambient temperature range

## MY R. STAHL 6050C



The 6050/6 universal spotlight is equipment used for lighting areas, work equipment and objects. It can be used indoors and outdoors. The clear lens is available in a matted version to limit the glare. Using an internal reflector, the universal spotlight can be adapted as a narrow beam, wide beam or a medium-wide beam to suit the lighting task.

## Technical Data

## Explosion Protection

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| Application range (Zones)       | 1<br>2<br>21<br>22                          |
| IECEX gas certificate           | IECEX EPS 17.0093                           |
| IECEX gas explosion protection  | Ex db eb op is IIC T4 Gb                    |
| IECEX dust certificate          | IECEX EPS 17.0093                           |
| IECEX dust explosion protection | Ex tb op is IIIC T110 °C Db                 |
| ATEX gas certificate            | EPS 17 ATEX 1 181                           |
| ATEX gas explosion protection   | Ex II 2 G Ex db eb op is IIC T4 Gb          |
| ATEX dust certificate           | EPS 17 ATEX 1 181                           |
| ATEX dust explosion protection  | Ex II 2 D Ex tb op is IIIC T110 °C Db       |
| Certificates and approvals      | ATEX<br>IECEX<br>UKEX                       |
| Certificates                    | ATEX (BVIS), Brazil (ULB), IECEX (BVIS)     |
| Ship approval                   | DNVGL                                       |
| Declaration of Conformity       | ATEX (EUK), Declaration of Conformity (AUS) |

## Electrical Data

|                              |                                            |
|------------------------------|--------------------------------------------|
| Rated operational voltage AC | 220 – 240 V                                |
| Frequency range              | 50 – 60 Hz                                 |
| Start-up current             | I <sub>peak</sub> = 25 A, Delta t = 150 µs |

## Lighting Data

|                 |                        |
|-----------------|------------------------|
| Number of lamps | 1                      |
| Lamp wattage    | 20 W                   |
| Lamp type       | LED                    |
| Lamp            | LED                    |
| Light colour    | 5000 K – neutral white |

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**Lighting Data**

|                    |           |
|--------------------|-----------|
| Light distribution | Wide beam |
| Luminaire efficacy | 122 lm/W  |
| Luminous flux      | 2000 lm   |
| Colour rendering   | ≥ 80      |
| Colour temperature | 5000 K    |

**Ambient Conditions**

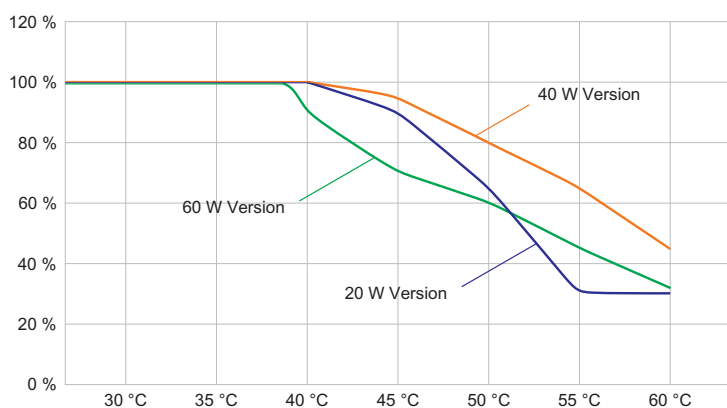
|                        |                   |
|------------------------|-------------------|
| Ambient temperature °C | -40 °C ... +60 °C |
|------------------------|-------------------|

**Mechanical Data**

|                                           |                                                       |
|-------------------------------------------|-------------------------------------------------------|
| Version                                   | Bracket mounting                                      |
| Degree of protection (IP)                 | IP66 / IP68 (10 m)                                    |
| Enclosure material                        | Aluminium, Seawater-resistant                         |
| Enclosure color                           | Standard                                              |
| Sealing material                          | Silicone                                              |
| Silicone-free content                     | Contains silicone                                     |
| Protective glass material 2               | Pressed glass                                         |
| Max. solid connection terminals           | 6 mm <sup>2</sup>                                     |
| Max. finely stranded connection terminals | 4 mm <sup>2</sup>                                     |
| Type of connection cable                  | Finely stranded<br>Finely stranded with clip<br>Solid |
| Size                                      | 1                                                     |
| Width                                     | 260 mm                                                |
| Height                                    | 194.5 mm                                              |
| Length                                    | 310 mm                                                |
| Reflector                                 | No                                                    |
| Weight                                    | 8.23 kg                                               |
| Weight                                    | 18.14 lb                                              |
| Disconnection of the luminaire            | No                                                    |

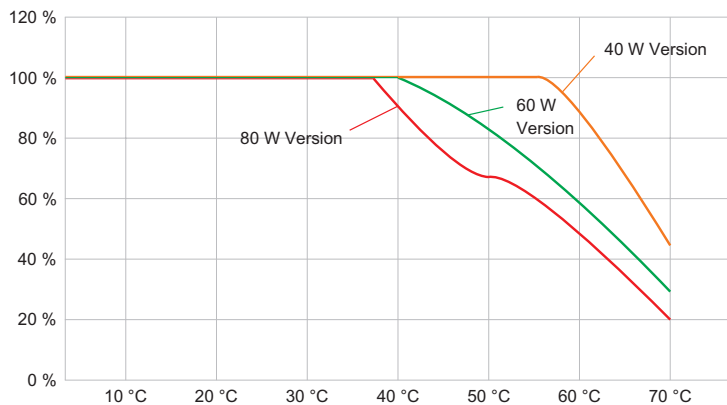
**Components**

|                          |               |
|--------------------------|---------------|
| Cable glands and entries | 1 x M25 x 1.5 |
| Stopping plugs           | 1 x M25 x 1.5 |
| Wire guard               | No            |

**Technical Drawings – Subject to Alterations**

Luminous flux decrease at ambient temperature -  
variants with DALI

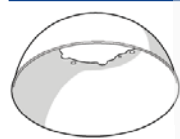
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Luminous flux decrease at ambient temperature - variants without DALI

### Accessories

#### Antiglare device / reflector



Complete with mounting parts  
Material: Aluminium  
For 6050/11 and 6050/6

Art. No.

118565

#### Cable gland made of plastic

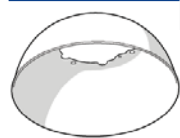


8161/7-M25-1707, Ex e  
Plastic, M25 x 1.5, cable outer diameter 7 to 17 mm  
Lot size 50 pieces

Art. No.

239157

#### External reflector



Narrow-beam  
Complete with mounting parts  
Material: High-gloss anodised aluminium  
For 6050/11

Art. No.

118558

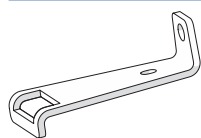
#### Mounting bracket



Complete; made from stainless steel (for subsequent self-mounting)  
For 6050/6

Art. No.

265877

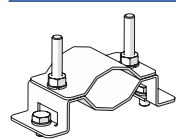


The stainless steel mounting fixture is fastened to the enclosure of the pendant light fitting series 6050/6 by means of two stainless steel screws M8.

Art. No.

269716

#### Pipe clamp



for pipe R 1 1/4" to 2"

Art. No.

268967

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### Plastic cable gland

### Art. No.



8161/7-M25-1707  
7 to 17 mm<sup>2</sup>  
1 piece

229918

### Ring bolt

### Art. No.



M8, für 6050/6, direct mounting; 1 pair  
M10, direct mounting in insert nuts; 1 pair

265874

118560

### Stopping plug

### Art. No.

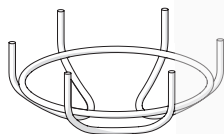


8290/3-M25  
Plastic, M25 x 1.5  
Lot size 1 piece

143524

### Wire guard

### Art. No.



Complete with mounting parts  
Material: Stainless steel wire  
For 6050/6

221774

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.

