

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 2 21 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 IECEX 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 _{peak} = 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
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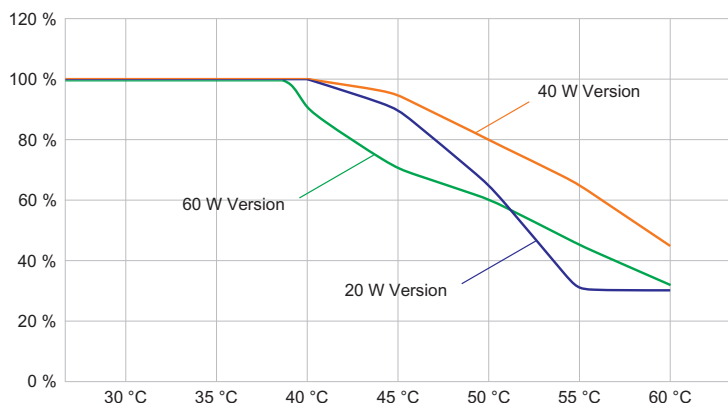
Mechanical Data

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 ²
Max. finely stranded connection terminals	4 mm ²
Type of connection cable	Finely stranded Finely stranded with clip 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

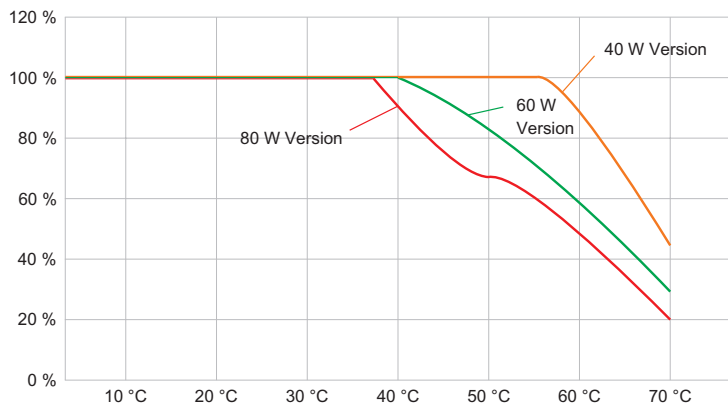
Cable glands and entries	1 x M25 x 1.5
Stopping plugs	1 x M25 x 1.5
Wire guard	No

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

Art. No.



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

118565

Cable gland made of plastic

Art. No.

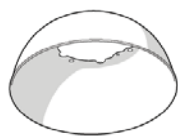


8161/7-M25-1707, Ex e
Plastic, M25 x 1.5, cable outer diameter 7 to 17 mm
Lot size 50 pieces

239157

External reflector

Art. No.



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

118558

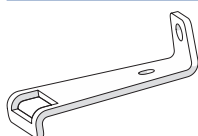
Mounting bracket

Art. No.



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

265877

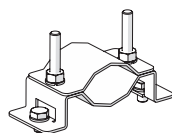


The stainless steel mounting fixture is fastened to the enclosure of the pendant light fitting series 6050/6 by means of two stainless steel screws M8.

269716

Pipe clamp




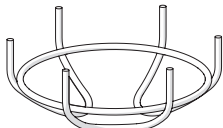
Art. No.



for pipe R 1 1/4" to 2"

268967

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Plastic cable gland		Art. No.
	8161/7-M25-1707 7 to 17 mm ² 1 piece	229918
Ring bolt		Art. No.
	M8, für 6050/6, direct mounting; 1 pair	265874
	M10, direct mounting in insert nuts; 1 pair	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.