

Lighting

Linear luminaire With LED

GRP

6002/4128-0100-152-1110-11-8650 Art. No. 288961



- The latest LED technology with a high luminous efficacy and a long service life
- Extremely high luminaire efficacy
- Luminous flux after 100,000 h still 90% of the starting luminous flux
- Optionally with DALI for controlling and monitoring the luminaire
- Optionally addressable for direct actuation of a common battery system

MY R. STAHL 6002D



The linear luminaire with Series 6002/4 LED is ideal for lighting surfaces at a mounting height of up to 10 m. It can also be used to illuminate equipment and objects, both inside and outside. The pole mounting sleeve accessory can be used to easily mount the luminaire on poles. Optionally, the luminaire can be equipped with addressable equipment. It can be used to control and monitor the luminaire for the common battery systems.

Technical Data

Explosion Protection	
Ex version	Yes
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX IBE 14.0035
IECEX gas certificate	IECEX IBE 14.0035
IECEX gas explosion protection	Ex db eb ib op is IIC T4 Gb
IECEX dust certificate	IECEX IBE 14.0035
IECEX dust explosion protection	Ex tb op is IIIC T100 °C Db
ATEX gas certificate	IBExU 14ATEX1088
ATEX gas certificate	IBExU 14ATEX1088
ATEX gas explosion protection	Ex II 2 G Ex db eb ib op is IIC T4 Gb
ATEX dust certificate	IBExU 14ATEX1088
ATEX dust explosion protection	Ex II 2 D Ex tb op is IIIC T100 °C Db
Certificates and approvals	ATEX IECEX UKEX
Certificates	ATEX (IBE), IECEX (IBE), India (PESO)
Ship approval	DNV
Declaration of conformity	ATEX (EUK), Declaration of Conformity (AUS)
Electrical Data	
Rated operational voltage AC	100 ... 240 V
Rated operational voltage DC	110 ... 250 V
Frequency range	50 – 60Hz
Lighting Data	
Number of lamps	1
Lamp wattage	22 W
Lamp	LED

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Lighting Data

Light colour	6500 K – daylight white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	132 lm/W
Luminous flux	2910 lm
Colour rendering	≥ 80
Colour temperature	6500 K

Ambient Conditions

Ambient temperature	-40 °C ... 50 °C Note: Through wiring Max. 3x16 A -40 °C ... 60 °C Note: Through wiring 2 Max. 3x10 A
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Mechanical Data

Version	Standard
Translucent cover	Clear
IP degree of protection (IEC 60598)	IP66/IP67
Enclosure material	Polyester resin, Glass fibre reinforced
Enclosure colour	Light grey (RAL 7035)
Diffuser	With diffuser
Sealing material	Silicone
Silicone-free content	Contains silicone
Translucent cover material	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3
Max. solid connection terminals	6 mm ²
Max. finely stranded connection terminals	4 mm ²
Type of connection cable	Finely stranded Solid
Size	2
Width	184 mm
Height	125 mm
Length	700 mm
Impact strength (IEC 62262)	IK10
Weight	4.45 kg
Weight	9.81 lb
Disconnection of the luminaire	No

Components

Threaded plate	2x plastic
Ballast	6045/311-120-10
Through wiring	With 5 conductors 2.5 mm ²
Drilled holes	3 x M25
Cable glands and entries	2 x M25 Ø 7 ... 17 mm
Material cable gland	Polyamide, black
Stopping plugs	2 x M25 x 1.5
Stopping plug material	Polyamide, black
Accessories	Provided

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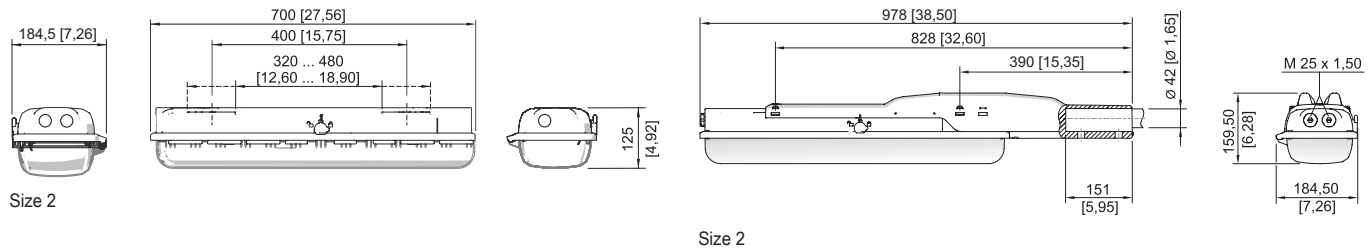
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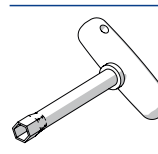
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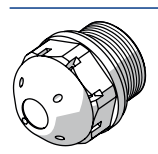


Accessories

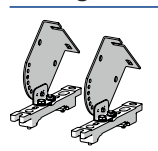
Box spanner

		Art. No.
	M8 / A/F 13; For actuating the central lock	222430

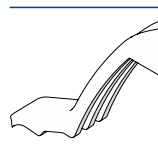
Breather

		Art. No.
	Thread: M25 x 1.5 (20 pieces); without jam nut	285780
	Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut	296608
	M25 x 1.5 in order to avoid condensate formation	115738

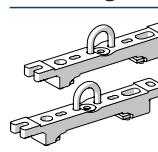
Ceiling and wall mounting bracket

		Art. No.
	mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair	222827

Holder for translucent cover

		Art. No.
	The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened.	226791

Mounting bracket

		Art. No.
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456

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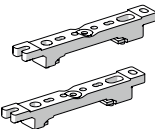
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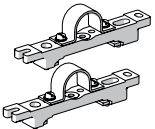
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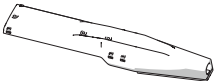
Mounting rail

		Art. No.
	for a variable mounting distance; 1 pair	222826

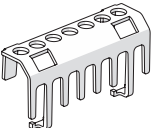
Pipe clamp

		Art. No.
	R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair	222459
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460


Pole mounting sleeve

		Art. No.
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)	227512

Protection against accidental contact

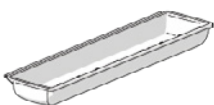
		Art. No.
	The protection against accidental contact prevents maintenance technicians and electrical installers from accidentally touching conductive parts. The degree of protection is increased to IP20 when the protection against accidental contact is used.	283153

Ring bolt


		Art. No.
	M8, direct mounting in insert nuts; 1 pair	115736

Spare Parts

Cover

		Art. No.
	for luminaire size 2	222427

Reflector Plate

		Art. No.
	Spare part for 6002 or upgrade 6001 size 2, colour temperature 6500 K	272066

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.