



- 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
IECEEx gas certificate	IECEEx IBE 14.0035
IECEEx gas explosion protection	Ex db eb ib op is IIC T4 Gb
IECEEx dust certificate	IECEEx IBE 14.0035
IECEEx dust explosion protection	Ex tb op is IIIC T100 °C Db
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 IECEEx
Certificates	ATEX (IBE), IECEEx (IBE), India (PESO)
Declaration of conformity	ATEX (EUK)

Electrical Data

AC rated operational voltage	100 ... 240 V
DC rated operational voltage	110 ... 250 V
Frequency	50 ... 60 Hz
Control gear service life	C10 ≥ 50 h, Ta ≤ 60 °C C10 ≥ 100 h, Ta ≤ 50 °C
LED service life	L90B50 ≥ 100 h

Lighting Data

Number of lamps	1
Lamp wattage	35 W
Lamp	LED
Light colour	5000 K – neutral white

Lighting Data

Light distribution	120°x120° with diffusing glass
Luminaire efficacy	168 lm/W
Luminous flux	5770 lm
Colour rendering	≥ 80
Colour temperature	5000 K
Light source efficiency class	B

Ambient Conditions

Ambient temperature	-40 °C ... 50 °C (Through wiring max. 3x16 A) -40 °C ... 60 °C (Through wiring max. 3x10 A)
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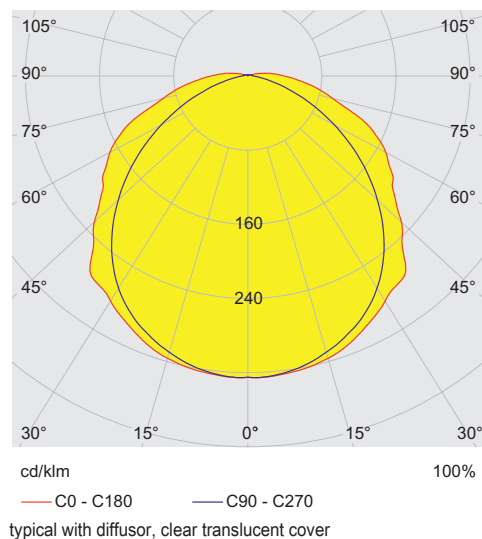
Mechanical Data

Version	Standard
IP degree of protection (IEC 60598)	IP66/IP67
Enclosure material	Polyester resin, Glass fibre reinforced
Enclosure colour	Light grey (RAL 7035)
Insert nut material	Brass
Diffuser	With diffuser
Sealing material	Silicone
Silicone-free content	Contains silicone
Translucent cover material	Polycarbonate
Translucent cover	Clear
Installed terminal strip	PE+N+L1+L2+L3+PE+leer+PE
Max. solid connection terminals	6 mm²
Max. finely stranded connection terminals	4 mm²
Type of connection cable	Finely stranded Solid
Size	4
Width	184 mm
Height	125 mm
Length	1310 mm
Impact strength (IEC 62262)	IK10
Disconnection of the luminaire	Yes
Weight	7.1 kg
Weight	15.65 lb

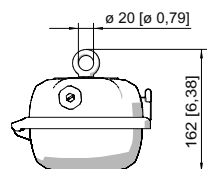
Components

Threaded plate	2x SS316L stainless steel
Ballast	6045/311-130-10
Through wiring	With 7 conductors 2.5 mm²
Drilled holes	4 x M25
Stopping plugs	4 x M25 x 1.5
Stopping plug material	Polyamide, black
Accessories	Installed

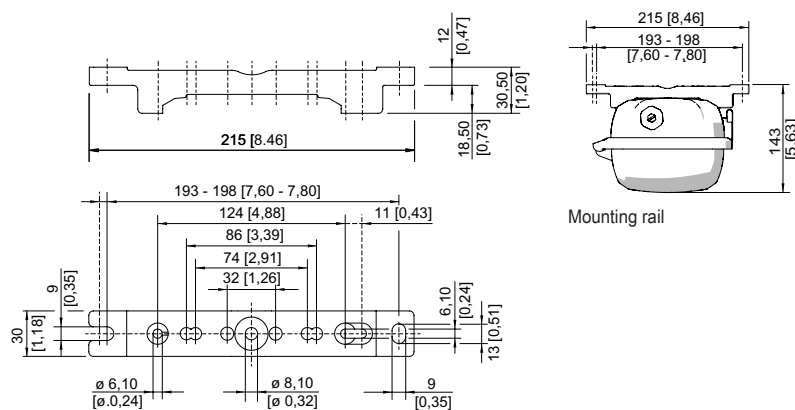
Light Distribution Curves



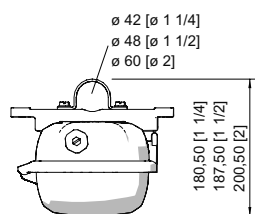
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



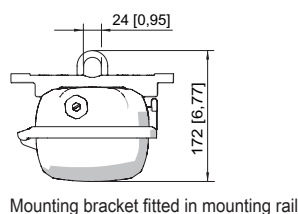
Ring bolt fitted in insert nut of the luminaire



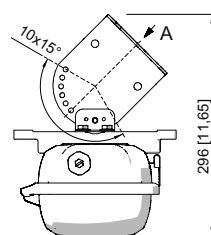
Mounting rail



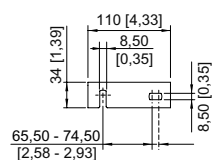
Pipe clamp fitted in mounting rail



Mounting bracket fitted in mounting rail



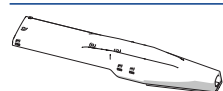
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Wall mounting bracket fitted in mounting rail

Accessories

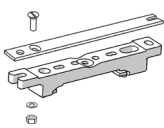
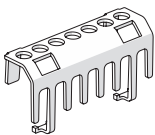
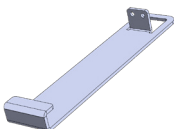
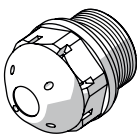
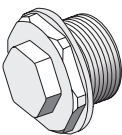
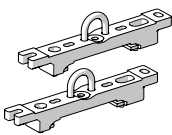
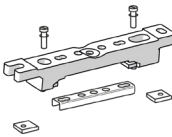
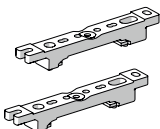
Pole mounting sleeve



for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)

Art. No.

227512

Adapter plate for mounting EXLUX 6002 on EXLUX 6000 mounting interfaces		Art. No.
	Adapter plate for installation of EXLUX 6002 luminaires onto EXLUX 6000 interfaces	240653
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
Fall protection		Art. No.
	Accessories for mounting an arrester cable	295927
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
Breather		Art. No.
	Thread: M25 x 1.5 (20 pieces); without jam nut	285780
	M25 x 1.5 in order to avoid condensate formation	115738
	Thread: M20 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut	323702
	Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut	296608
Mounting bracket		Art. No.
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456
Mounting rail		Art. No.
	Mounting accessories for ceiling mounting of EXLUX luminaires with V4A metal insert for reinforcement	325835
	Mounting accessories for ceiling mounting of EXLUX luminaires with V4A metal insert and captive M8 nut	329336
	for a variable mounting distance; 1 pair	222826

Lighting

Linear luminaire With LED

GRP

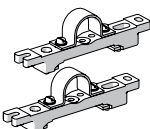
6002/4148-0101-372-MMMM-55-8500 Art. No. 283670

STAHL

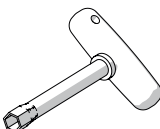
Ring bolt

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

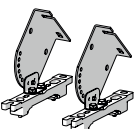
Pipe clamp

		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

Box spanner

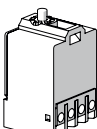
		Art. No.
	M8 / A/F 13; For actuating the central lock	222430

Ceiling and wall mounting bracket

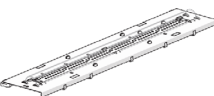
		Art. No.
	mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair	222827

Spare Parts

Contact element

		Art. No.
	8080/1-3-L 2 NC contact element	132527

Reflector Plate

		Art. No.
	Spare part for 6002 or upgrade 6001 size 4, colour temperature 5000 K	270813

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.