Lighting

Emergency luminaire With LED
GRP
6209/1123-0101-162-1110-11-75711 Art. No. 341860

MY R. STAHL **6209A**

- Smart Central Locking System – Allows effortless access for quick maintenance, minimizing downtime and enhancing operational efficiency.
- Wide Voltage of 100 to 277 V AC – Makes the light fixtures suitable for different applications & environment.
- Advanced Surge Protection up to 6KV – Engineered for resilience, the robust design shields the luminaire from electrical surges, ensuring long- lasting performance.
- Emergency Light Output - Ensures essential visibility during evacuation or system restoration.
  i. 2 ft model: Up to 65% brightness for 1.5h or 35% for 3h.
  ii. 4 ft model: Up to 35% brightness for 1.5h or 20% for 3h.
- Long- Lasting LED Performance – Designed for durability, the luminaire delivers over 1,00,000 hours (L70B50) of service life even in +55°C ambient conditions.

The emergency luminaire with Series 6209/1 LED with integrated battery can be installed in stand-by switching, continuous mode or in switchable stand-by switching. A monthly functional test and annual rated operating time test are performed automatically. The results are indicated by an LED.

Technical Data

Explosion Protection	
Ex version	Yes
Application range (zones)	1, 2, 21, 22
IECEx gas certificate	IECEx EPS 25.0020X
IECEx gas explosion protection	Ex db eb ib mb IIC T4
IECEx dust certificate	IECEx EPS 25.0020X
IECEx dust explosion protection	Ex tb IIIC T80 °C Db
Certificates and approvals	IECEx
Certificates	IECEx (BVIS)
Electrical Data	
Battery version	NiCd battery, gas-tight
Battery operating voltage	7.2 V
Battery capacity	5 Ah
Self-test function	With (standard)
Control gear service life	C10 ≥ 50 h, Ta ≤ 55 °C
LED service life	L70B50 ≥ 100 h
Lighting Data	
Number of lamps	1
Lamp wattage	26 W
Lamp	LED
Light colour	5700 K – cool white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	113 lm/W
Luminous flux	2949 lm
Operating time	1.5h emergency lighting operation
Emergency light output	65% – 1.5 h

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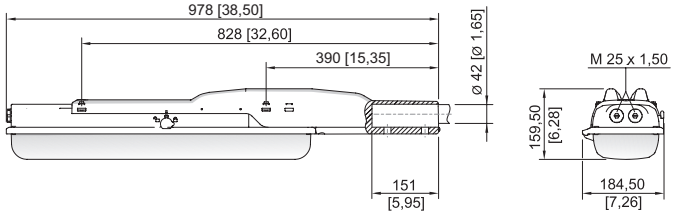
Lighting Data	
Colour rendering	≥ 70
Colour temperature	5700 K
Mechanical Data	
Version	Standard
IP degree of protection (IEC 60598)	IP66/IP67
Enclosure material	Polyester resin, Glass fibre reinforced
Enclosure colour	Light grey (RAL 7035)
Diffuser	With diffuser
Sealing material	Silicone
Silicone-free content	Contains silicone
Translucent cover material	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3 + L´
Max. solid connection terminals	6 mm²
Max. finely stranded connection terminals	4 mm²
Type of connection cable	Finely stranded Solid
Size	2
Width	184 mm
Height	125 mm
Length	700 mm
Impact strength (IEC 62262)	IK10
Disconnection of the luminaire	Only battery
Weight	6.4 kg
Weight	14.11 lb
Components	
Threaded plate	2x plastic
Ballast	6049/111-110-10 + 6246/111-1
Through wiring	With 6 conductors 2.5 mm²
Drilled holes	3 x M25
Cable glands and entries	2 x M25 Ø 7 … 17 mm
Material cable gland	Polyamide, black
Stopping plugs	1 x M25 x 1.5
Stopping plug material	Polyamide, black
Accessories	Provided

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



Size 2

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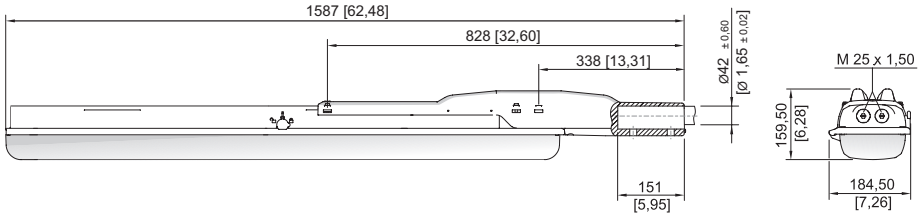
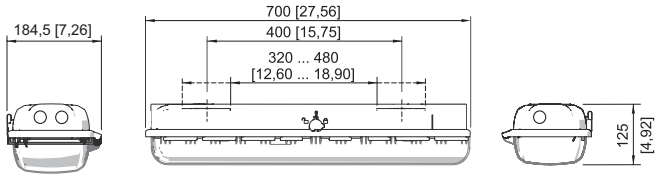
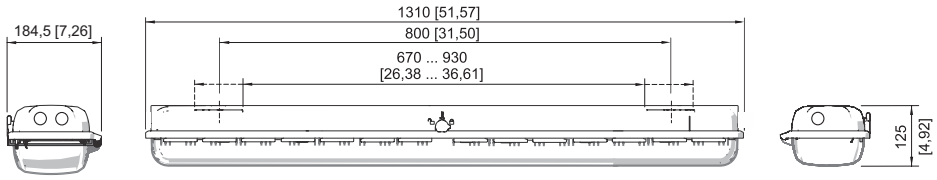


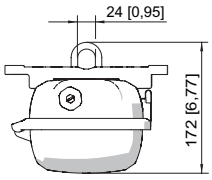
Size 4



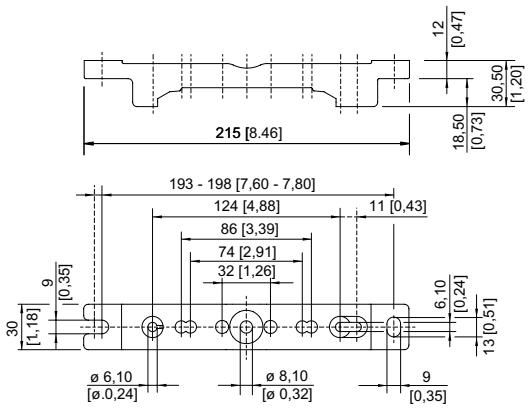
Size 2



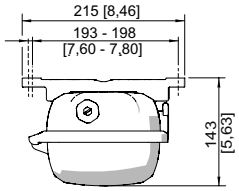
Size 4



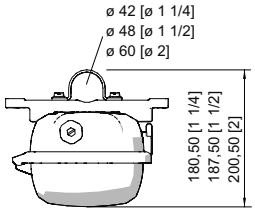
Mounting bracket fitted in mounting rail



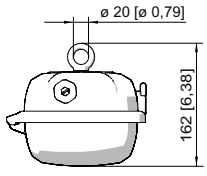
Mounting rail



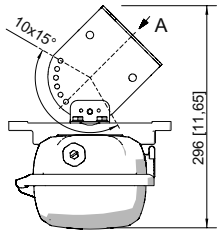
Mounting rail



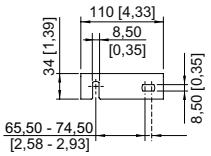
Pipe clamp fitted in mounting rail



Ring bolt fitted in insert nut of the luminaire

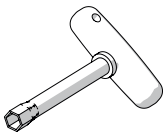


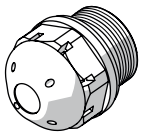
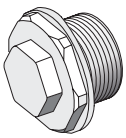
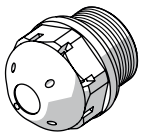
A

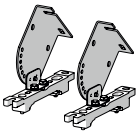


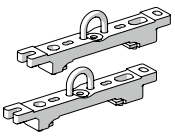
Wall mounting bracket fitted in mounting rail

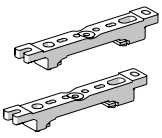
Accessories

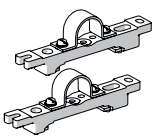
Box spanner		Art. No.
	M8 / A/F 13; For actuating the central lock	222430

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

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

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

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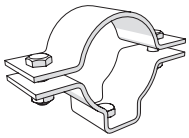
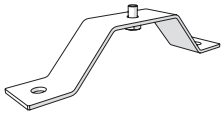
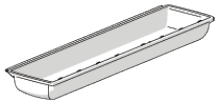
Pole mounting		Art. No.
	Pole mounting acces. 1.4301 ø38mm-1 pair	324916
	Pole mounting acces. 1.4301 ø42mm-1 pair	324914
	Pole mounting acces. 1.4301 ø50mm-1 pair	324915
	Pole mounting acces. 1.4301 ø60mm-1 pair	324912
	Pole mounting acces. 1.4404 ø50mm-1 pair	324917
	Pole mounting acces. 1.4404 ø60mm-1 pair	324913

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

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

Wall mounting		Art. No.
	Wall/ceiling mtg.bkt. 1.4301w-1pair	324918

Spare Parts

Cover		Art. No.
	for luminaire size 4	222428
	for luminaire size 2	222427

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