

- The latest LED technology with a high luminous efficacy and a long service life
- Extremely high luminaire efficacy
- Variants with 90 minutes or 180 minutes emergency lighting duration available
- Luminous flux after 100,000 h still 90% of the starting luminous flux
- Optionally with DALI for controlling and monitoring the luminaire
- Automatic weekly function test and annual rated operating time test

## MY R. STAHL 6409C



The emergency luminaire with Series 6409/4 LED with integrated battery can be installed in stand-by switching, continuous mode or in switchable stand-by switching. A weekly 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)	2, 21, 22
IECEX gas certificate	IECEX IBE 16.0047
IECEX gas explosion protection	Ex db ec IIC T4 Gc
IECEX dust certificate	IECEX IBE 16.0047
IECEX dust explosion protection	Ex tb op is / tc IIIC T100 °C Db
ATEX gas certificate	IBExU 16 ATEX 1233
ATEX gas explosion protection	Ex II 3 G Ex db ec IIC T4 Gc
ATEX dust certificate	IBExU 16 ATEX 1233
ATEX dust explosion protection	Ex II 2 D Ex tb op is / tc IIIC T100 °C Db
Certificates and approvals	ATEX IECEX UKEX
Certificates	ATEX (IBE), IECEX (IBE), India (PESO)
Declaration of conformity	ATEX (EUK), Declaration of Conformity (AUS)

## Electrical Data

Rated operational voltage AC	110 ... 240 V
Battery version	NiCd battery, gas-tight
Battery operating voltage	6 V
Battery capacity	7 Ah
Self-test function	With (standard)
Frequency range	50 – 60 Hz

## Lighting Data

Number of lamps	1
Lamp wattage	25 W
Lamp	LED
Light colour	5000 K – neutral white
Light distribution	120°x120° with diffusing glass

# Lighting

## Emergency luminaire With LED

### GRP

6409/4128-5101-162-2220-22-850011 Art. No. 272447



#### Lighting Data

Luminaire efficacy	116 lm/W
Luminous flux	2910 lm
Operating time	1.5h emergency lighting operation
Emergency light output	65% – 1.5 h
Colour rendering	≥ 80
Colour temperature	5000 K

#### Ambient Conditions

Ambient temperature	-30 °C ... +50 °C Note: Through wiring Max. 3x16 A -30 °C ... +55 °C Note: Through wiring 2 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)
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	183.5 mm
Height	125 mm
Length	857 mm
Impact strength (IEC 62262)	IK10
Weight	5.4 kg
Weight	11.9 lb
Disconnection of the luminaire	Only battery

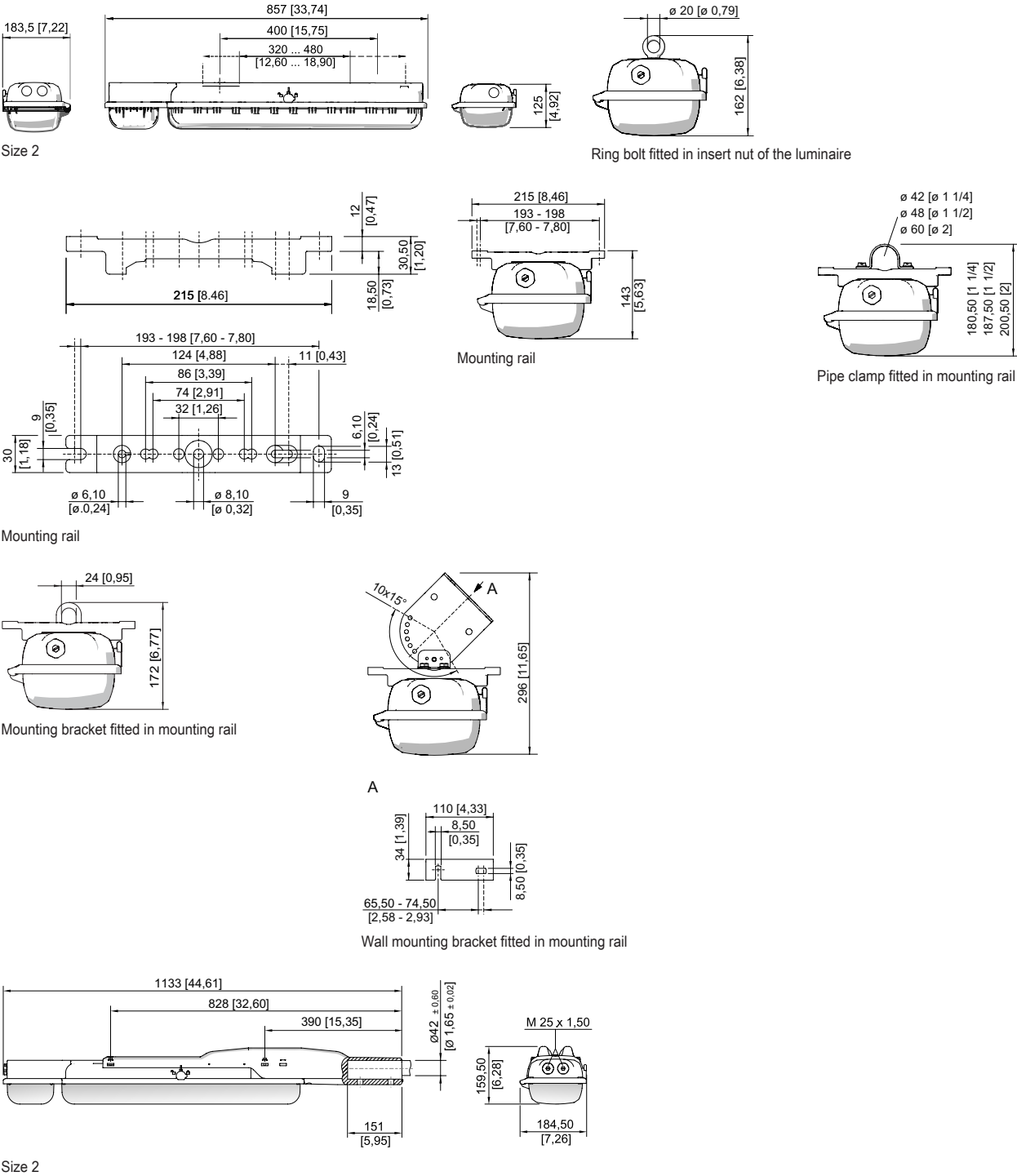
#### Components

Threaded plate	2x SS430 stainless steel
Ballast	LED NLE 80W 110-240V/7Ah/1.5h/
Through wiring	With 6 conductors 2.5 mm²
Drilled holes	3 x M20
Cable glands and entries	can be ordered as an accessory
Stopping plugs	Can be ordered as accessories
Accessories	without

Emergency luminaire With LED  
GRP

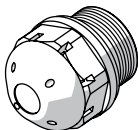
6409/4128-5101-162-2220-22-850011    Art. No. 272447

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



Accessories

Breather



Thread: M25 x 1.5 (20 pieces); without jam nut

Art. No.

285780

# Lighting

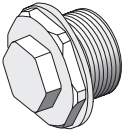
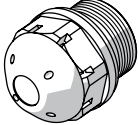
## Emergency luminaire With LED

### GRP


6409/4128-5101-162-2220-22-850011 Art. No. 272447

STAHL


#### Breather

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

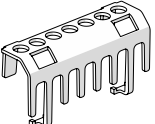
#### Holder for translucent cover

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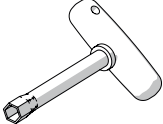
#### Pole mounting sleeve

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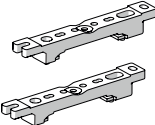
#### Protection against accidental contact

	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.	Art. No. 283153
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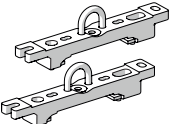
#### Box spanner

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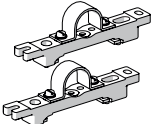
#### Mounting rail

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

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

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

# Lighting

Emergency luminaire With LED

GRP

6409/4128-5101-162-2220-22-850011 Art. No. 272447

STAHL

## Ring bolt

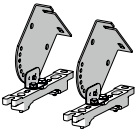


M8, direct mounting in insert nuts; 1 pair

Art. No.

115736

## Ceiling and wall mounting bracket



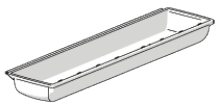
mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair

Art. No.

222827

## Spare Parts

### Cover

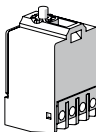


for luminaire size 2

Art. No.

222427

### Contact element

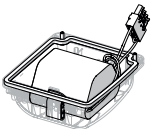


8080/1-3-L 2 NC contact element

Art. No.

132527

### Battery set



Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V

Art. No.

223532

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.