



- State-of-the-art LED technology with high luminous efficacy and long service life
- Extremely high luminaire efficacy
- Can be adjusted from a 1.5 to a 3.0 h rated operating time
- Luminous flux after 100,000 h still 90% of the starting luminous flux
- Optionally with DALI for controlling and monitoring the light fitting
- Automatic weekly functional test and annual rated operating time test

### MY R. STAHL 6009D



The emergency luminaire with Series 6009/4 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)       | 1, 2, 21, 22                          |
| IECEX gas certificate           | IECEX IBE 16.0038                     |
| IECEX gas explosion protection  | Ex db eb ib op is IIC T4 Gb           |
| IECEX dust certificate          | IECEX IBE 16.0038                     |
| IECEX dust explosion protection | Ex tb op is IIIC T100 °C Db           |
| ATEX gas certificate            | IBExU 16 ATEX 1199                    |
| ATEX gas explosion protection   | ⊕ II 2 G Ex db eb ib op is IIC T4 Gb  |
| ATEX dust certificate           | IBExU 16 ATEX 1199                    |
| ATEX dust explosion protection  | ⊕ II 2 D Ex tb op is IIIC T100 °C Db  |
| Certificates and approvals      | ATEX<br>IECEX                         |
| Certificates                    | ATEX (IBE), IECEX (IBE), India (PESO) |
| Declaration of conformity       | ATEX (EUK)                            |

### Electrical Data

|                              |   |
|------------------------------|---|
| AC rated operational voltage | 100 ... 240 V                                     |
| Frequency                    | 50 ... 60 Hz                                      |
| Battery version              | NiCd battery, gas-tight                           |
| Battery operating voltage    | 6 V   |
| Battery capacity             | 7 Ah  |
| Self-test function           | With (standard)                                   |
| Control gear service life    | C10 ≥ 100 h, Ta ≤ 45 °C<br>C10 ≥ 50 h, Ta ≤ 60 °C |
| LED service life             | L90B50 ≥ 100 h                                    |

### Lighting Data

|                 |      |
|-----------------|------|
| Number of lamps | 1    |
| Lamp wattage    | 21 W |
| Lamp            | LED  |

# Lighting

## Emergency luminaire With LED

### GRP

6009/4128-2103-162-LLL2-22-840S11 Art. No. 320688



#### Lighting Data

|                        |                                       |
|------------------------|---------------------------------------|
| Light colour           | 4000 K – warm neutral white           |
| Light distribution     | 120°x120° with diffusing glass        |
| Luminaire efficacy     | 113 lm/W                              |
| Luminous flux          | 2310 lm                               |
| Operating time         | 1.5 / 3h emergency lighting operation |
| Emergency light output | 35% – 3 h<br>65% – 1.5 h              |
| Colour rendering       | ≥ 80                                  |
| Colour temperature     | 4000 K                                |

#### Ambient Conditions

|                     |  |
|---------------------|--|
| Ambient temperature | -30 °C ... 50 °C (Through wiring max. 3x16 A)<br>-30 °C ... 55 °C (Through wiring max. 3x10 A)   |
| Ambient temperature | -22 °F ... 122 °F (Through wiring max. 3x16 A)<br>-22 °F ... 131 °F (Through wiring max. 3x10 A) |

#### 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                           |
| Installed terminal strip                  | PE + N + L1 + L2 + L3 + L´              |
| Max. solid connection terminals           | 6 mm <sup>2</sup>                       |
| Max. finely stranded connection terminals | 4 mm <sup>2</sup>                       |
| Type of connection cable                  | Finely stranded<br>Solid                |
| Size                                      | 2                                       |
| Width                                     | 183.5 mm                                |
| Height                                    | 125 mm                                  |
| Length                                    | 857 mm                                  |
| Impact strength (IEC 62262)               | IK10                                    |
| Disconnection of the luminaire            | All-pole disconnection                  |
| Weight                                    | 6.7 kg                                  |
| Weight                                    | 14.77 lb                                |

#### Components

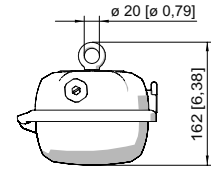
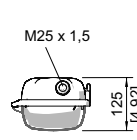
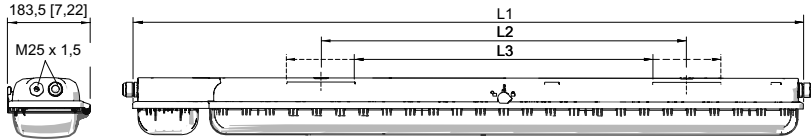
|                          |                                       |
|--------------------------|---------------------------------------|
| Threaded plate           | 2x SS430 stainless steel              |
| Ballast                  | 6046/311-131-010 7 Ah                 |
| Through wiring           | With 6 conductors 2.5 mm <sup>2</sup> |
| Drilled holes            | 4 x M20                               |
| Cable glands and entries | can be ordered as an accessory        |
| Stopping plugs           | 3 x M20 x 1.5                         |
| Stopping plug material   | Polyamide, black                      |

#### Components

Accessories

Installed

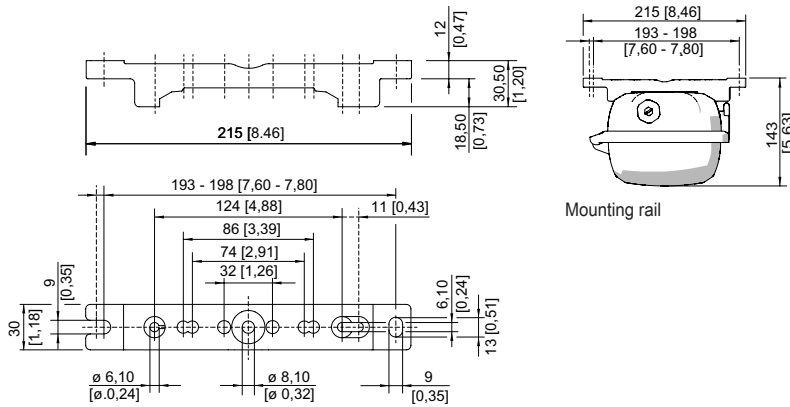
#### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



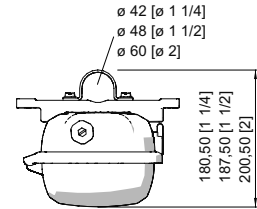
Ring bolt fitted in insert nut of the luminaire

Size 2:  
 L1 = 857 mm [33.74]  
 L2 = 400 mm [15.75]  
 L3 = 320 ... 480 mm [12.60 ... 18.90]

Size 4:  
 L1 = 1467 mm [57.76]  
 L2 = 800 mm [31.50]  
 L3 = 670 ... 930 mm [26.38 ... 36.61]

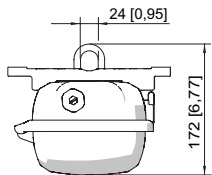


Mounting rail

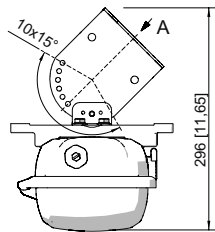


Pipe clamp fitted in mounting rail

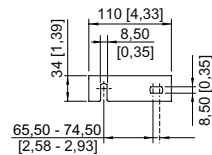
Mounting rail



Mounting bracket fitted in mounting rail



A



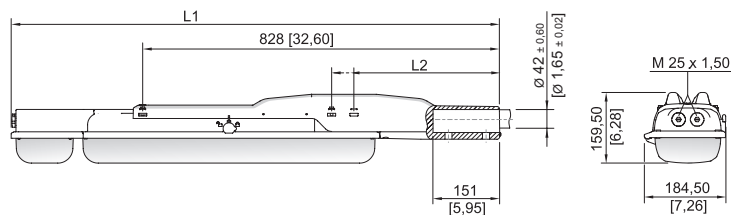
Wall mounting bracket fitted in mounting rail

# Lighting

## Emergency luminaire With LED

### GRP

6009/4128-2103-162-LLL2-22-840S11 Art. No. 320688



With pole mounting sleeve

Size 2:

L1 = 1133 mm [44.61]

L2 = 390 mm [15.35]

Size 4:

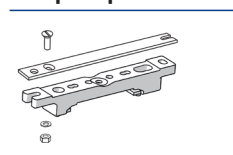
L1 = 1742 mm [68.58]

L2 = 338 mm [13.31]

## Accessories

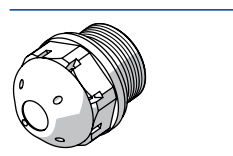
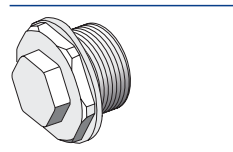
### Adapter plate for mounting EXLUX 6002 on EXLUX 6000 mounting interfaces

Art. No.

|  |  |        |
|--|--|--------|
|  | Adapter plate for installation of EXLUX 6002 luminaires onto EXLUX 6000 interfaces | 240653 |
|--|--|--------|

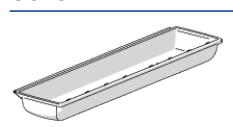
### Breather

Art. No.

|  |   |        |
|--|---|--------|
|  | Thread: M25 x 1.5 (20 pieces); without jam nut  | 285780 |
|  | 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 |

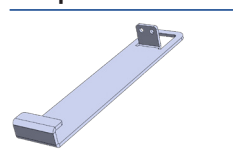
### Cover

Art. No.

|  |  |        |
|--|--|--------|
|  | For size 2 luminaires (diffuse), when used on an emergency luminaire with individual power supply, the visibility of the display LED may be restricted | 276669 |
|--|--|--------|

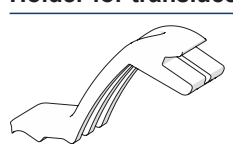
### Fall protection

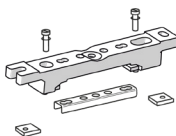
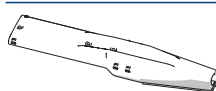
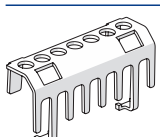
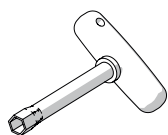
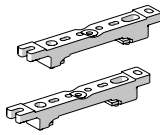
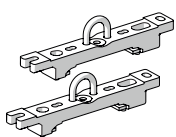
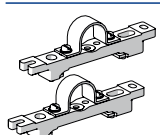

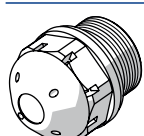
Art. No.

|  |  |        |
|--|--|--------|
|  | 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 |
|--|---|--------|

| 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   |
| 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   |
| Box spanner  |   | Art. No. |
|   | M8 / A/F 13;<br>For actuating the central lock  | 222430   |
| Mounting rail  |   | Art. No. |
|  | for a variable mounting distance; 1 pair  | 222826   |
| Mounting bracket   |   | Art. No. |
|  | mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair  | 222456   |
| 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   |
| Ring bolt  |   | Art. No. |
|  | M8, direct mounting in insert nuts; 1 pair  | 115736   |
| Breather   |   | Art. No. |
|  | M25 x 1.5 in order to avoid condensate formation  | 115738   |

# Lighting

Emergency luminaire With LED

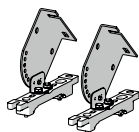
GRP

6009/4128-2103-162-LLL2-22-840S11 Art. No. 320688



## Ceiling and wall mounting bracket

Art. No.



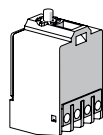
mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair

222827

## Spare Parts

### Contact element

Art. No.

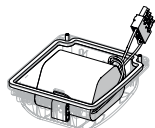


8080/1-3-L 2 NC contact element

132527

### Battery set

Art. No.



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

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.