



- The latest LED technology with a high luminous efficacy and a 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 luminaire
- Weekly functional test and annual rated operating time test

WebCode 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<br>2<br>21<br>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   | Ex II 2 G Ex db eb ib op is IIC T4 Gb  |
| ATEX dust certificate           | IBExU 16 ATEX 1199                     |
| ATEX dust explosion protection  | Ex II 2 D Ex tb op is IIIC T100 °C Db  |
| Certificates and approvals      | ATEX<br>IECEX                          |
| Certificates                    | ATEX (IBE), IECEX (IBE), Polen (CNBOP) |
| Ship approval                   | DNV GL                                 |

### Electrical Data

|                                   |                         |
|-----------------------------------|-------------------------|
| Rated operational voltage AC      | 100 – 240 V             |
| AC max. rated operational voltage | 240 V                   |
| AC min. rated operational voltage | 100 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 |
|-----------------|---|

# Lighting

## Emergency luminaire With LED

### GRP

6009/4128-2103-162-1110-11-850011 Art. No. 267867

STAHL

#### Lighting Data

|                        |                                       |
|------------------------|---------------------------------------|
| Lamp wattage           | 25 W                                  |
| Lamp                   | LED                                   |
| Light colour           | 5000 K – neutral white                |
| Light distribution     | 120°x120° with diffusing glass        |
| Luminaire efficacy     | 116 lm/W                              |
| Luminous flux          | 2910 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     | 5000 K                                |

#### Ambient Conditions

|                     |                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------|
| Ambient temperature | -30 °C ... +50 °C Note: Through wiring Max. 3x16 A<br>-30 °C ... +55 °C Note: Through wiring 2 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)                   |
| 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<br>Solid                |
| Size                                      | 2                                       |
| Width                                     | 183.5 mm                                |
| Height                                    | 125 mm                                  |
| Length                                    | 857 mm                                  |
| Impact strength (IEC 62262)               | IK10                                    |
| Weight                                    | 6.65 kg                                 |
| Weight                                    | 14.66 lb                                |
| Disconnection of the luminaire            | All-pole disconnection                  |

#### Components

|                          |                           |
|--------------------------|---------------------------|
| Threaded plate           | 2x plastic                |
| Ballast                  | 6046/311-121-010          |
| 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           | 2 x M25 x 1.5             |
| Stopping plug material   | Polyamide, black          |

Provided

Technical drawing of the pressure cooker lid. The drawing shows a top-down view of the lid with a central pressure valve and a side handle. Dimensions are indicated: a diameter of  $\varnothing 20$  [0,79] for the central valve and a height of 162 [6,38] for the lid body.

$\varnothing 42$  [ $\varnothing 1\frac{1}{4}$ ]  
 $\varnothing 48$  [ $\varnothing 1\frac{1}{2}$ ]  
 $\varnothing 60$  [ $\varnothing 2$ ]  
 180,50 [ $1\frac{1}{4}$ ]  
 187,50 [ $1\frac{1}{2}$ ]  
 200,50 [ $2$ ]

Technical drawing of a mechanical part with dimensions and tolerances:

- Top horizontal dimension: 110 [4,33]
- Top horizontal dimension (from left edge): 8,50 [0,35]
- Left vertical dimension: 34 [1,39]
- Bottom horizontal dimension: 65,50 - 74,50 [2,58 - 2,93]
- Right vertical dimension: 8,50 [0,35]

3/5

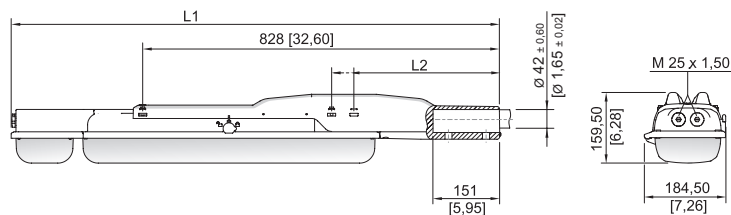
# Lighting

## Emergency luminaire With LED

### GRP

6009/4128-2103-162-1110-11-850011 Art. No. 267867

STAHL



With pole mounting sleeve

Size 2:

L1 = 1133 mm [44,61]

L2 = 390 mm [15,35]

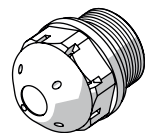
Size 4:

L1 = 1742 mm [68,58]

L2 = 338 mm [13,31]

## Accessories

### Breather

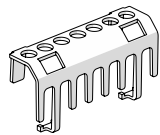


Thread: M25 x 1.5; 20 pc; without counter nut

Art. No.

285780

### Protection against accidental contact

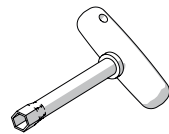


The protection against accidental contact prevents maintenance technicians and electrical installers from accidentally touching conductive parts. The degree of protection is increased to IP20 when the protection against accidental contact is used.

Art. No.

283153

### Socket key

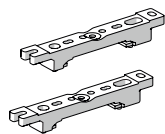


M8 / wrench size 13;  
to open/close the central locking

Art. No.

222430

### Mounting rail

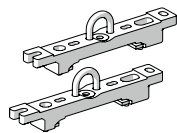


for a variable mounting distance; 1 pair

Art. No.

222826

### Mounting bracket

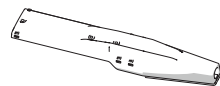


mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair

Art. No.

222456

### 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

# Lighting

## Emergency luminaire With LED

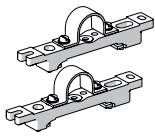
GRP

6009/4128-2103-162-1110-11-850011 Art. No. 267867

STAHL

### 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.

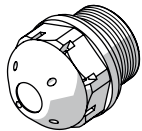


M8, direct mounting in insert nuts; 1 pair

115736

### Breather

#### Art. No.



Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut

138573

Thread: M25 x 1.5; 20 pc; for installation in lights; in moulded material; without counter nut

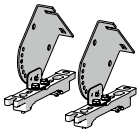
138576

M25 x 1.5 in order to avoid condensate formation

115738

### Ceiling and wall mounting bracket

#### Art. No.



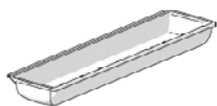
mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair

222827

## Spare Parts

### Cover

#### Art. No.

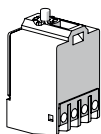


for luminaire size 2

222427

### Contact element

#### Art. No.

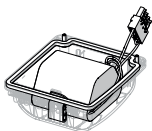


8080/1-3-L 2 NC contact element

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.