



- 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

Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX IBE 16.0038
IECEX gas explosion protection	Ex db eb ib mb 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 mb 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
EAC certificate	EAEU RU S-DE.HA91.B.00018/19
EAC dust explosion protection	Ex tb IIIC T100°C Db X
Certificates	ATEX (IBE), IECEX (IBE)

#### Electrical Data

Ex version	Yes
Rated operational voltage AC	110 – 240 V
Rated operational voltage max. AC	240 V
Rated operational voltage min. AC	110 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

# Lighting

## Emergency luminaire With LED

### GRP

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



#### Lighting Data

Lamp	LED
Light colour	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 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
Degree of protection IP (IEC 60598)	IP66/IP67
Enclosure material	Polyester resin, Glass fibre reinforced
Diffuser	With diffuser
Sealing material	Silicone
Silicon free	Contains silicone
Material translucent cover	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3 + L´
Connection terminals solid max.	6 mm <sup>2</sup>
Connection terminals finely-stranded max.	4 mm <sup>2</sup>
Type of connection cable	Finely stranded Solid
Design size	2
Width	183.5 mm
Height	125 mm
Length	857 mm
Impact strength (IK code)	IK10 (IEC 62262)
Enclosure colour	Light grey (RAL 7035)
Weight	6.65 kg
Weight	14.66 lb
Disconnection of the luminaire	All-pole disconnection

#### Components

Threaded plate	2x plastic
Ballast	6046/211-121-010 LED NLE 7Ah
Through wiring	With 6 conductors 2.5 mm <sup>2</sup>
Drilled holes	3 x M25
Screw connections	2 x M25 Ø 7 – 17 mm
Material cable gland	Polyamide, black
Stopping plug	2 x M25 x 1.5
Stopping plug material	Polyamide, black

# Lighting

## Emergency luminaire With LED

### GRP

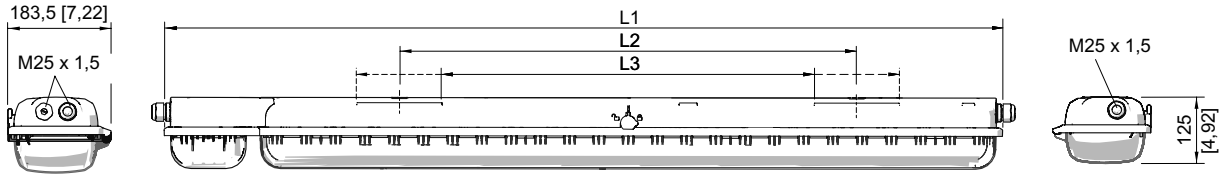
6009/4128-2103-162-1110-11-850011 Art. No. 267867



#### Components

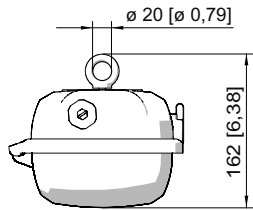
Material cable gland	Polyamide, black
Accessories	Provided

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

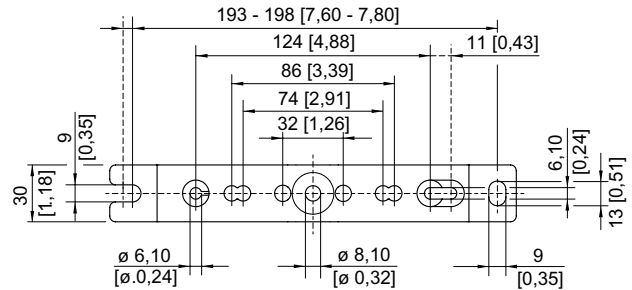
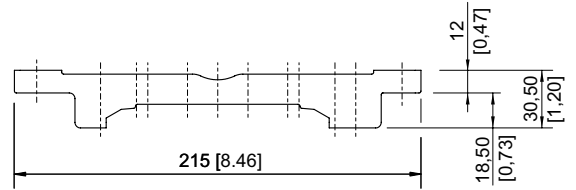


Size 2:  
L1 = 857 mm [33.74]  
L2 = 400 mm [15.75]  
L3 = 320 ... 480 mm [12.60 ... 18.90]

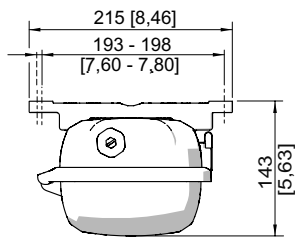
Size 4:  
L1 = 1467 mm [57.76]  
L2 = 800 mm [31.50]  
L3 = 670 ... 930 mm [26.38 ... 36.61]



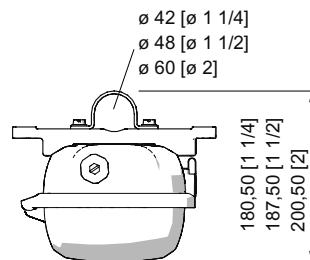
Ring bolt fitted in insert nut of the luminaire



Mounting rail



Mounting rail



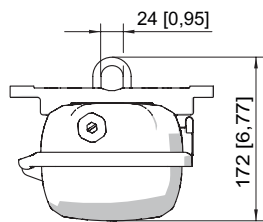
Pipe clamp fitted in mounting rail

# Lighting

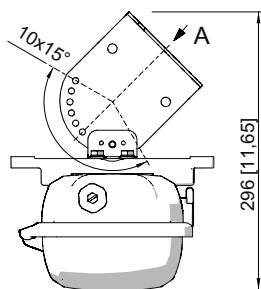
## Emergency luminaire With LED

### GRP

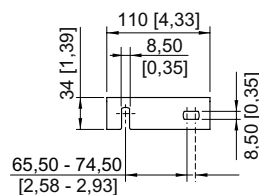
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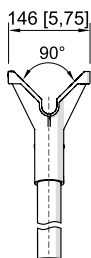
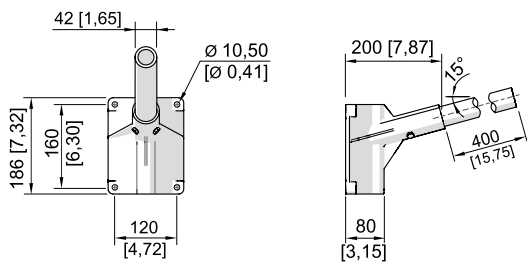
Mounting bracket fitted in mounting rail



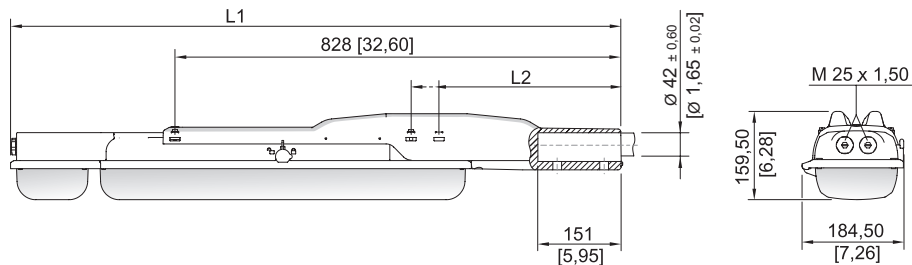
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Wall mounting bracket fitted in mounting rail



Bracket for wall mounting with pipe section



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]

# Lighting

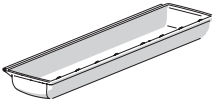
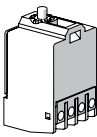
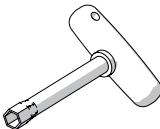
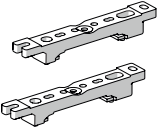
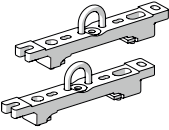

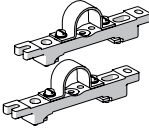

## Emergency luminaire With LED

GRP

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### Accessories and Spare Parts

Cover		Art. No.
	for luminaire size 2	222427
Contact element		Art. No.
	8080/1-3-L 2 NC contact element	132527
Socket key		Art. No.
	M8 / wrench size 13; to open/close the central locking	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
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
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

# Lighting

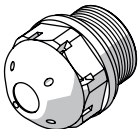
## Emergency luminaire With LED

GRP

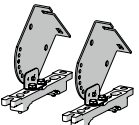
6009/4128-2103-162-1110-11-850011 Art. No. 267867




### 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

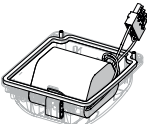
### Ceiling and wall mounting bracket

		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

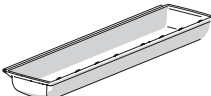
### Bracket for wall mounting with tube

		Art. No.
	for side entry lamp; with tube, length 400 mm, Ø 42 mm	108947

### Battery set

		Art. No.
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532

### Cover

		Art. No.
	for luminaire size 2 (resistant to aromatic substances)	256534

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.