EXLUX Emergency Luminaire with LED
SERIES 6009/4

STAHL

- 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.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table

Size Lamp wattage Luminaire efficacy Luminous flux		2 25 W 116 lm/W 2910 lm						
Drilled holes	Threaded plate	Cable glands and entries	Stopping plugs	Through wiring	Product Type	Art. No.	Weight kg
3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	With 6 conductors 2.5 mm²	6009/4128-2103-162-2220-22-850011	267868	6.700
3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	With 6 conductors 2.5 mm²	6009/4128-2103-162-1110-11-850011	267867	6.650
Size Lamp wattage Luminaire efficacy Luminous flux		4 45 W 129 lm/W 5810 lm						
Drilled holes	Threaded plate	Cable glands and entries	Stopping plugs	Through wiring	Product Type	Art. No.	Weight kg
3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	With 6 conductors 2.5 mm²	6009/4148-2103-162-2220-22-850011	267875	9.200
3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	With 6 conductors 2.5 mm²	6009/4148-2103-162-1110-11-850011	267872	9.200

Variants with 2 x threaded plate plastic and 3 x drilled holes M25:
Cable glands 2 x M25 Ø 7 -17 mm and 2 x stopping plugs M 25 x 1,5 are included loose with the product (installation required). Threaded plate included.
Variants with 2 x threaded plate stainless steel SS430 and 3 x drilled holes M20:
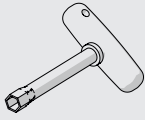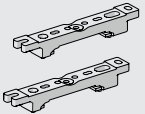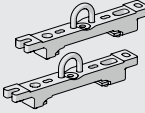Cable glands and stopping plugs can be ordered as accessories. Threaded plate included.
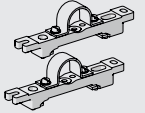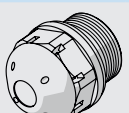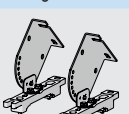
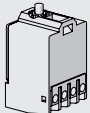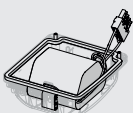The light fittings are supplied without mounting material.

Technical Data

| Variant	Size 2	Size 4
Explosion Protection		
IECEx gas explosion protection	Ex db eb ib mb op is IIC T4 Gb	Ex db eb ib mb op is IIC T4 Gb
IECEx dust explosion protection	Ex tb op is IIIC T100 °C Db	Ex tb op is IIIC T100 °C Db
ATEX gas explosion protection	Ⓔ II 2 G Ex db eb ib mb op is IIC T4 Gb	Ⓔ II 2 G Ex db eb ib mb op is IIC T4 Gb
ATEX dust explosion protection	Ⓔ II 2 D Ex tb op is IIIC T100 °C Db	Ⓔ II 2 D Ex tb op is IIIC T100 °C Db
Note: Through wiring	Max. 3x16 A	Max. 3x16 A
Note: Through wiring 2	Max. 3x10 A	Max. 3x10 A
Certificates	ATEX (IBE), IECEx (IBE)	ATEX (IBE), IECEx (IBE)
Electrical Data		
Rated operational voltage AC	100 – 240 V	100 – 240 V
Battery operating voltage	6 V	6 V
Battery capacity	7 Ah	7 Ah
Frequency range	50 – 60 Hz	50 – 60 Hz
Battery version	NiCd battery, gas-tight	NiCd battery, gas-tight
Lighting Data		
Number of lamps	1	1
Lamp	LED	LED
Light colour	5000 K – neutral white	5000 K – neutral white
Light distribution	120°x120° with diffusing glass	120°x120° with diffusing glass
Operating time	1.5 / 3h emergency lighting operation	1.5 / 3h emergency lighting operation
Emergency light output	35% – 3 h 65% – 1.5 h	20% – 3 h 35% – 1.5 h
Colour rendering	≥ 80	≥ 80
Colour temperature	5000 K	5000 K
Mechanical Data		
Enclosure material	Polyester resin, Glass fibre reinforced	Polyester resin, Glass fibre reinforced
Diffuser	With diffuser	With diffuser
Sealing material	Silicone	Silicone
Installed terminal strip	PE + N + L1 + L2 + L3 + L´	PE + N + L1 + L2 + L3 + L´
Max. solid connection terminals	6 mm²	6 mm²
Max. finely stranded connection terminals	4 mm²	4 mm²
Type of connection cable	Finely stranded Solid	Finely stranded Solid
Impact strength (IEC 62262)	IK10	IK10
Enclosure colour	Light grey (RAL 7035)	Light grey (RAL 7035)
Notes	Connection terminals: Spring clamp terminal (2 free clamping units per pole)	
Components		
Ballast	6046/211-121-010 LED NLE 7 Ah	6046/211-121-010 LED NLE 7 Ah
Cable entry material	Polyamide, black	Polyamide, black
Stopping plug material	Polyamide, black	Polyamide, black

Accessories

Figure	Description	Art. No.	Weight kg
Breather			
	Thread: M25 x 1.5; 20 pc; without counter nut	285780	0.200

Accessories

Figure	Description	Art. No.	Weight kg
Socket key			
	M8 / wrench size 13; to open/close the central locking	222430 ▲	0.110
Mounting rail			
	for a variable mounting distance; 1 pair	222826 ▲	0.350
Mounting bracket			
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456 ▲	0.400
Pole mounting sleeve			
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)	227512 ▲	3.200
Pipe clamp			
	R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair	222459 ▲	0.700
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458 ▲	0.700
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460 ▲	0.750
Ring bolt			
	M8, direct mounting in insert nuts; 1 pair	115736 ▲	0.115
Breather			
	Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut	138573 ▲	0.010
	M25 x 1.5 in order to avoid condensate formation	115738 ▲	0.017
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	222827 ▲	1.200

Spare Parts

Figure	Description	Art. No.	Weight kg
Cover			
	for luminaire size 4	222428	1.149
	for luminaire size 2	222427	0.639

3

Spare Parts

Figure	Description	Art. No.	Weight kg
Contact element			
	8080/1-3-L 2 NC contact element	132527■	0.026
Battery set			
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532	1.195

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

183,5 [7,22]

M25 x 1,5

L1
L2
L3

M25 x 1,5

125 [4,92]
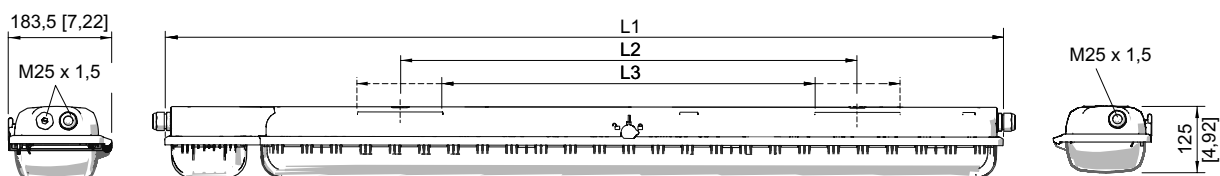
Size 2:
L1 = 857 mm [33.74]
L2 = 400 mm [15.75]
L3 = 320 ... 480 mm [12.60 ... 18.90]

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

ø 20 [ø 0,79]

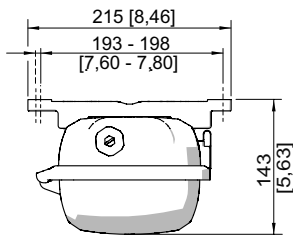162 [6,38]
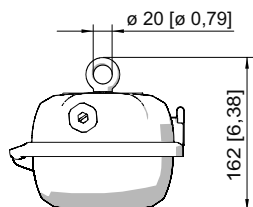
Ring bolt fitted in insert nut of the luminaire
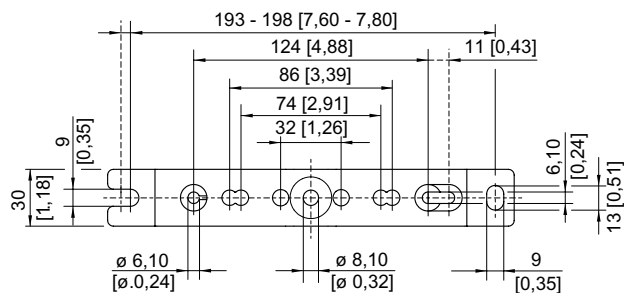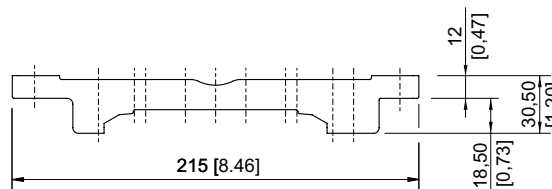
12 [0,47]

30,50 [1,20]

18,50 [0,73]

215 [8.46]

193 - 198 [7,60 - 7,80]
124 [4,88]
86 [3,39]
74 [2,91]
32 [1,26]
11 [0,43]

9 [0,35]

30 [1,18]

6,10 [0,24]

13 [0,51]

ø 6,10 [ø.0,24]
ø 8,10 [ø 0,32]
9 [0,35]

Mounting rail

215 [8,46]
193 - 198
[7,60 - 7,80]
143 [5,63]

Mounting rail

ø 42 [ø 1 1/4]
ø 48 [ø 1 1/2]
ø 60 [ø 2]
180,50 [1 1/4]
187,50 [1 1/2]
200,50 [2]
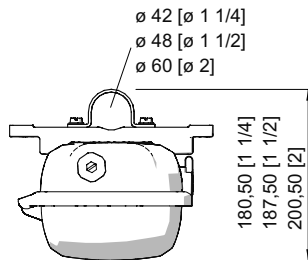
Pipe clamp fitted in mounting rail
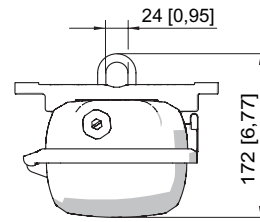
24 [0,95]
172 [6,77]

Mounting bracket fitted in mounting rail

10x15°
A
296 [11,65]

A

110 [4,33]
8,50 [0,35]
34 [1,39]
8,50 [0,35]
65,50 - 74,50
[2,58 - 2,93]

Wall mounting bracket fitted in mounting rail

L1
828 [32,60]
L2
ø 42 ± 0,60
[ø 1,65 ± 0,02]
151 [5,95]

M 25 x 1,50
159,50 [6,28]
184,50 [7,26]
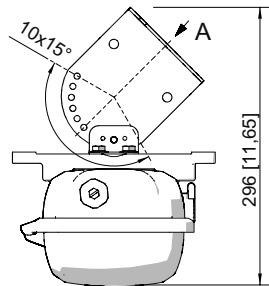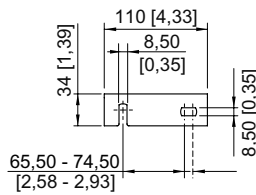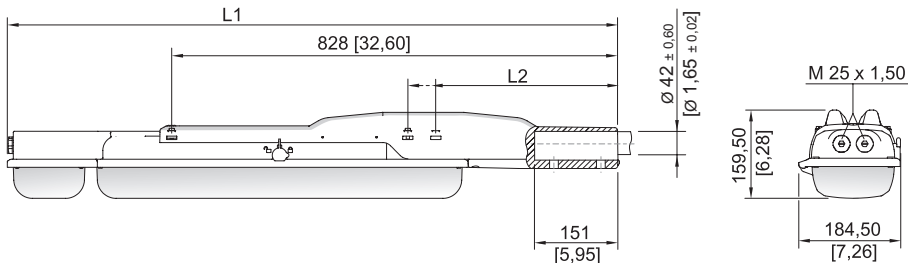
With pole mounting sleeve
Size 2:
L1 = 1133 mm [44.61]
L2 = 390 mm [15.35]

Size 4:
L1 = 1742 mm [68.58]
L2 = 338 mm [13.31]