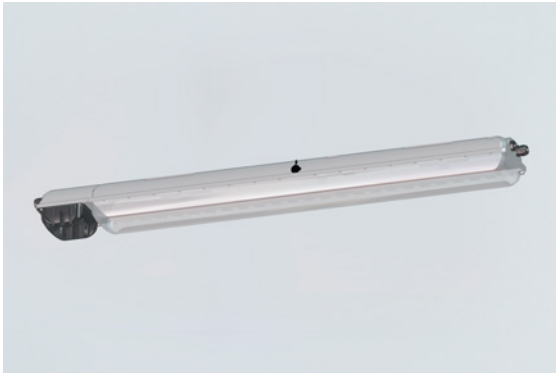# Emergency Luminaire for Fluorescent Lamps EXLUX
Series 6009/5

STAHL

- Can be used in Zones 1, 2, 21 and 22
- Two fluorescent lamps: 18 W and 36 W
- Weekly function test and annual emergency light duration test
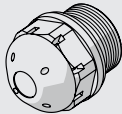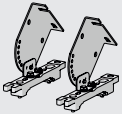
WebCode 6009A

The 6009 series EXLUX emergency luminaire is suitable for use as safety lighting. It is lightweight and requires minimal maintenance. The battery is housed in the external enclosure and powers the emergency lighting for 1.5 or 3 hours. If one lamp is faulty, the luminaire switches to the working lamp. When the central lock is opened, the luminaire is always disconnected from the power supply at all poles.
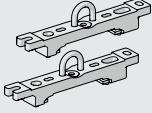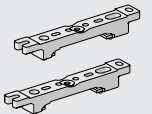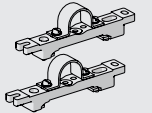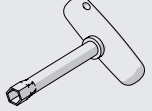
	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		●	●		●	●
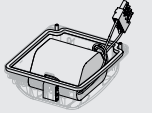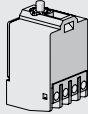
Selection Table

Size	2						
Lamp wattage	18 W						
Drilled holes	Threaded plate	Cable glands and entries	Stopping plugs	Max. solid connection terminals	Product Type	Art. No.	Weight
3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6 mm²	6009/522-9617-1622-71	238147	7.6 kg
3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6 mm²	6009/522-9617-1611-71	225723	7.6 kg
Size	4						
Lamp wattage	36 W						
Drilled holes	Threaded plate	Cable glands and entries	Stopping plugs	Max. solid connection terminals	Product Type	Art. No.	Weight
3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6 mm²	6009/542-9617-1622-71	238148	9.6 kg
3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6 mm²	6009/542-9617-1611-71	225725	9.65 kg

Cable glands and entries and stopping plugs made from moulded material are included loose with the product (installation required). Threaded plate included.

The light fittings are supplied without fluorescent lamps or mounting material. These parts must be ordered as accessories.

Technical Data

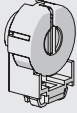| Explosion Protection	
IECEx gas explosion protection	Ex db eb mb IIC T4 Gb
IECEx dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas explosion protection	ⓔ II 2 G Ex db eb mb IIC T4 Gb
ATEX dust explosion protection	ⓔ II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (PTB), IECEx (PTB)

Emergency Luminaire for Fluorescent Lamps EXLUX
Series 6009/5

Technical Data	
Explosion Protection	
Ship approval	DNV
Electrical Data	
Rated operational voltage AC	220 – 240 V
Frequency range	50 – 60 Hz
Battery operating voltage	6 V
Battery capacity	7 Ah
Self-test function	With (standard)
Notes	Disconnection of the light: **When opening the light** Switch with safety lock; when opening the central lock, all poles of the voltage supply to the ballast are disconnected; contacts of the switching element are NC contacts, they can only switched on again when the lamp cover and the central locking system are closed. **In case of a lamp fault**, the electronic ballast disconnects the defective lamp from the power supply.
Lighting Data	
Number of lamps	2
Emergency light mode	Continuous light Or stand-by light
Operating time	1.5 / 3h emergency lighting operation
Lamp	G13 lamp base
Mechanical Data	
IP degree of protection (IEC 60598)	IP66 / IP67
Class	I (with inner PE connection)
Enclosure material	Polyester resin, Glass fibre reinforced
Sealing material	Silicone
Translucent cover material	Polycarbonate
Lighting lock	Central lock , For box spanner actuation
Installed terminal strip	PE + N + L1 + L2 + L3 + L´
Type of connection cable	Finely stranded Solid
Enclosure colour	Light grey (RAL 7035)
Impact strength (IEC 62262)	IK10
Notes	Connection terminals: Spring clamp terminal (2 free clamping units per pole)
Components	
Ballast	6043/792-201
Through wiring	With 6 conductors 2.5 mm²
Battery-Version	NiCd battery, gas-tight
Cable entry material	Polyamide, black

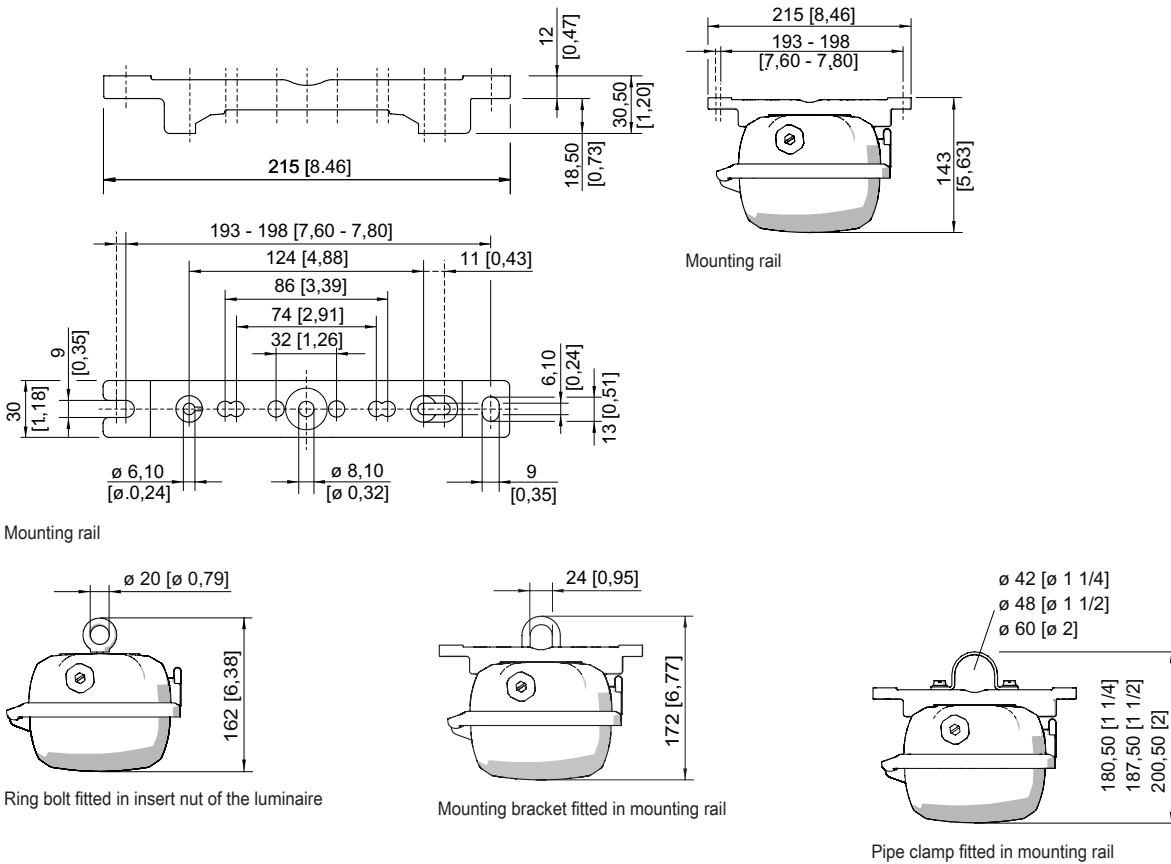| Accessories			
Figure	Description	Art. No.	Weight
Breather			
	Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut	138573	10 g
Ceiling and wall mounting bracket			
	mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair	222827	1.2 kg

Accessories

Figure	Description	Art. No.	Weight
Mounting bracket			
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456	400 g
Mounting rail			
	for a variable mounting distance; 1 pair	222826	350 g
Pipe clamp			
	R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair	222459	700 g
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458	700 g
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460	750 g
Pole mounting sleeve			
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)	227512	3.2 kg
Ring bolt			
	M8, direct mounting in insert nuts; 1 pair	115736	115 g
Socket key			
	M8 / wrench size 13; to open/close the central locking	222430	110 g

Spare Parts

Figure	Description	Art. No.	Weight
Battery set			
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532	1.2 kg
Contact element			
	8080/1-3-L 2 NC contact element	132527	26 g
Cover			
	for luminaire size 4	222428	1.15 kg
	for luminaire size 2	222427	639 g
Fluorescent lamp			
	36 W, 3350 lm	108951	200 g
	18 W, 1350 lm	108952	100 g

E2

Spare Parts			
Figure	Description	Art. No.	Weight
Lamp holder			
	G13 Ex e lamp holder for light fittings with T8 fluorescent lamps for use in Zone 1	117252	36 g

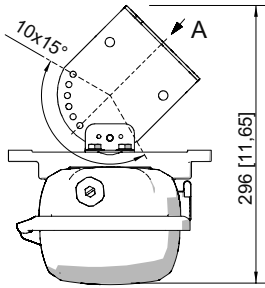### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

Mounting rail

Mounting rail

Ring bolt fitted in insert nut of the luminaire

Mounting bracket fitted in mounting rail

Pipe clamp fitted in mounting rail

4

10x15°

A

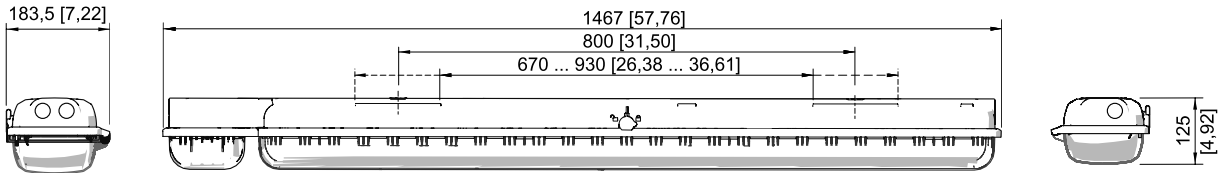296 [11,65]

A

34 [1,39]

110 [4,33]

8,50 [0,35]

8,50 [0,35]

65,50 - 74,50 [2,58 - 2,93]

Wall mounting bracket fitted in mounting rail

183,5 [7,22]

857 [33,74]

400 [15,75]

320 ... 480 [12,60 ... 18,90]

125 [4,92]

Size 2

183,5 [7,22]

1467 [57,76]

800 [31,50]

670 ... 930 [26,38 ... 36,61]

125 [4,92]

Size 4