

Emergency Luminaire with LED EXLUX

Series 6409/4

STAHL

E2



- State-of-the-art LED technology with high luminous efficacy and long service life
- Extremely high luminaire efficacy
- Choice between a 1.5 h or 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 function test and annual rated operating time test

WebCode 6409C



The emergency luminaire with Series 6409/4 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			•		•	•

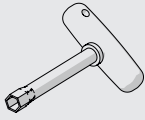
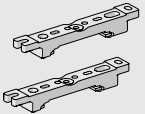
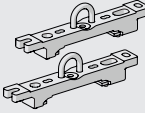

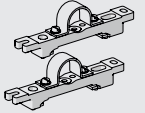

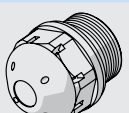
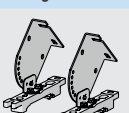
Selection Table					
Design size	2				
Lamp wattage	25 W				
Operating time	Ballast	Product Type	Art. No.	Weight kg	
1.5 h emergency lighting operation	LED NLE 80 W 110-240 V/7 Ah/1.5 h/	6409/4128-5103-162-1110-11-850011	267859	5.400	
		6409/4128-5103-162-2220-22-850011	271825	5.450	
3 h emergency lighting operation	LED NLE 80 W 110-240 V/7 Ah/3 h/	6409/4128-5203-162-1110-11-850011	267860	5.400	
		6409/4128-5203-162-2220-22-850011	272458	5.400	
Design size	4				
Lamp wattage	45 W				
Operating time	Ballast	Product Type	Art. No.	Weight kg	
1.5 h emergency lighting operation	LED NLE 80 W 110-240 V/7 Ah/1.5 h/	6409/4148-5103-162-1110-11-850011	267861	8.100	
		6409/4148-5103-162-2220-22-850011	271585	8.100	
3 h emergency lighting operation	LED NLE 80 W 110-240 V/7 Ah/3 h/	6409/4148-5203-162-1110-11-850011	267862	8.100	
		6409/4148-5203-162-2220-22-850011	272470	8.100	

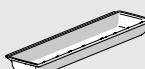
Cable entries and stopping plugs made from moulded material are included loose with the product (installation required).
Threaded plate included.

The light fittings are supplied without mounting material.

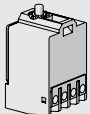
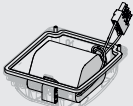
Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex db ec IIC T4 Gc
IECEX dust explosion protection	Ex tb op is / tc IIIC T100 °C Db
IECEX dust explosion protection 2	Ex tc IIIC Db

Technical Data	
Explosion Protection	
ATEX gas explosion protection	II 3 G Ex db ec IIC T4 Gc
ATEX dust explosion protection	II 2 D Ex tb op is ... tc IIIC T100 °C Db
ATEX dust explosion protection 2	II 2 D Ex tc IIIC Db
Ambient temperature °C	-30 ... +50 °C
Note: Through wiring	max. 3x16 A
Ambient temperature °C 2	-30 ... +55 °C
Note: Through wiring 2	max. 3x10 A
Certificates	ATEX (IBE), IECEx (IBE), India (PESO), Japan (CML)
Electrical Data	
Rated operational voltage AC	110 – 240 V
Battery operating voltage	6 V
Battery capacity	7 Ah
Frequency range	50 – 60 Hz
Battery version	NiCd battery, gas-tight
Lighting Data	
Number of lamps	1
Lamp	LED
Light colour	Neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	116 lm/W
Luminous flux	2910 lm
Colour rendering	≥ 80
Colour temperature	5000 K
Mechanical Data	
Enclosure material	Polyester resin, Glass fibre reinforced
Diffuser	With diffuser
Sealing material	Silicone
Installed terminal strip	PE + N + L1 + L2 + L3 + L'
Connection terminals solid max.	6 mm ²
Connection terminals finely-stranded max.	4 mm ²
Type of connection cable	Finely stranded Solid
Impact strength (IEC 62262)	IK10
Enclosure colour	Light grey (RAL 7035)
Notes	Connection terminals: Spring clamp terminal (2 free clamping units per pole)
Components	
Threaded plate	2x plastic
Through wiring	With 6 conductors 2.5 mm ²
Drilled holes	3 x M25
Cable entries	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

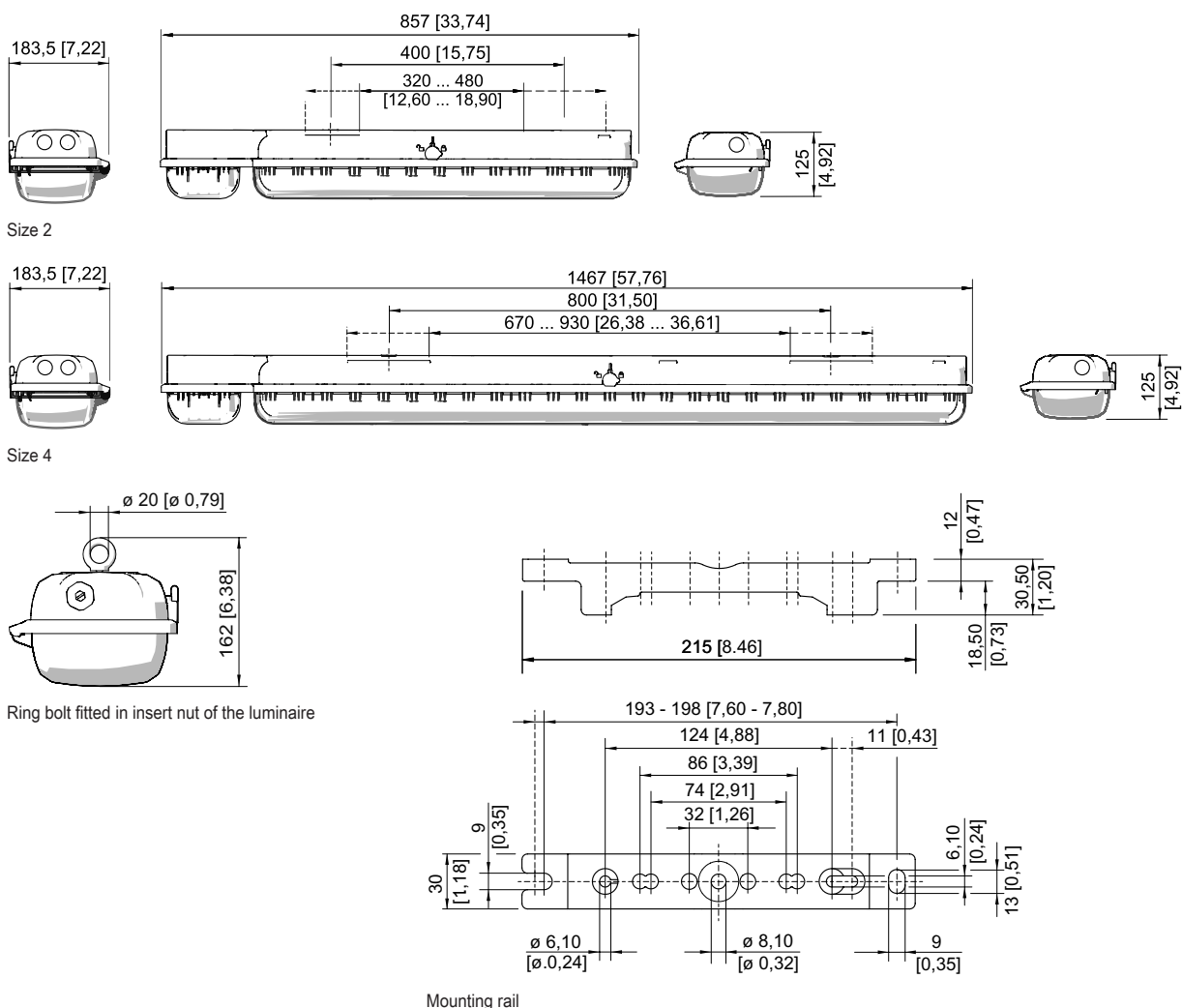
Accessories			
Figure	Description	Art. No.	Weight kg
Socket key			
	M8 / wrench size 13; to open/close the central locking	222430 ▲	0.110
Mounting rail			
	for a variable mounting distance; 1 pair	222826 ▲	0.350
Mounting bracket			
	mounting clamp mounted on a mounting rail for a variable mounting distance; 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
	Thread: M25 x 1.5; 20 pc; for installation in lights; in moulded material; without counter nut	138576 ▲	0.200
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

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

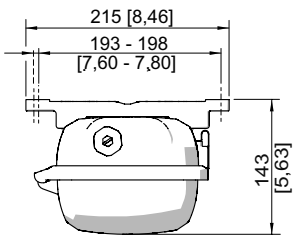


Emergency Luminaire with LED EXLUX

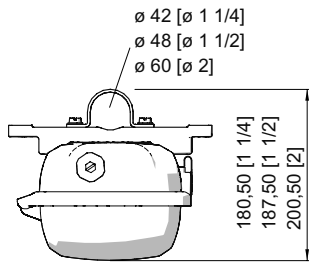
Series 6409/4



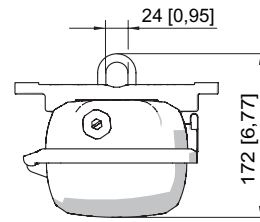
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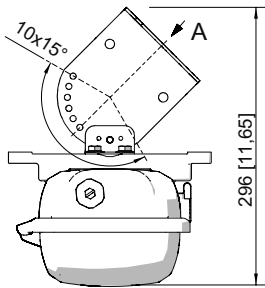
Mounting rail



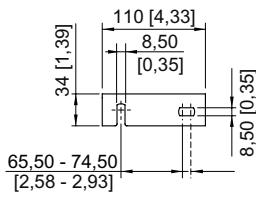
Pipe clamp fitted in mounting rail



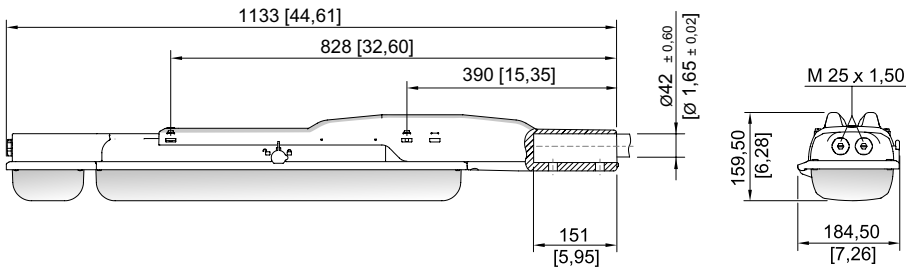
Mounting bracket fitted in mounting rail



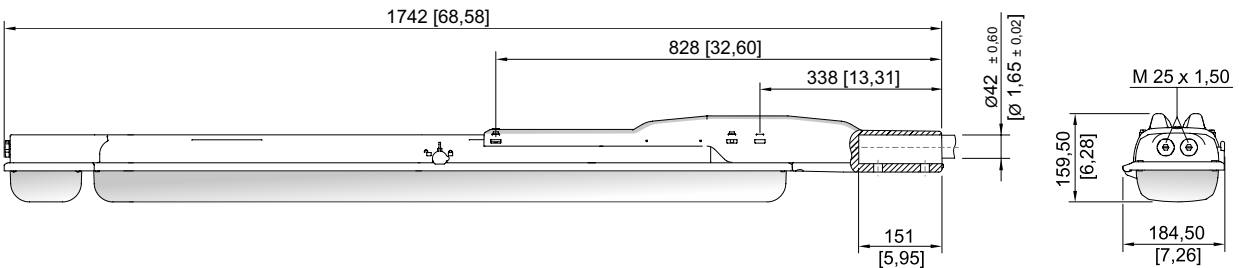
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Wall mounting bracket fitted in mounting rail



Size 2



Size 4