EXLUX Emergency Luminaire with LED
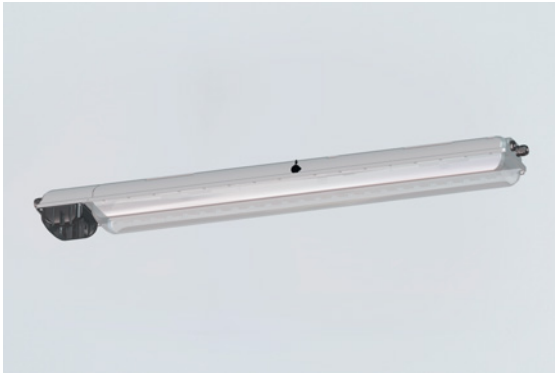## Series L409/4 Industrial Design

- Long-lasting LED version of the EXLUX family in an industrial design
- Robust, durable enclosure with central lock for use as humidor lighting
- Integrated, automatically started test function for the integrated battery
- Up to 3 hours battery runtime with a luminous flux of 1000 lm in emergency operation
- Available with warm white, neutral white and cold white colour temperatures

WebCode L409A

The EXLUX L409/4 light fitting completes the LED linear luminaire range. The industrial design of the emergency luminaires offers all the advantages of the robust enclosure technology and long-lasting LED technology for which the EXLUX range is known. This automatically starts all test functions set out as mandatory in standards and the ergonomic light fitting device provides clear signals. The entire range of installation material for the EXLUX family is also available.

Selection Table

Size						2		
Lamp wattage						25 W		
Luminaire efficacy						116 lm/W		
Luminous flux						2910 lm		

Operating time	Ballast	Threaded plate	Drilled holes	Cable glands and entries	Stopping plugs	Product Type	Art. No.	Weight
1.5 h emergency lighting operation	LED NLE 80W 110-240V/7Ah/1.5h/	2x plastic	3 x M25	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	L409/4328-5101-162-1110-11-850011	278302	5.4 kg
		2x SS430 stainless steel	3 x M20	Can be ordered as accessories	Can be ordered as accessories	L409/4328-5101-162-2220-22-850011	278303	5.4 kg

Size						4		
Lamp wattage						45 W		
Luminaire efficacy						129 lm/W		
Luminous flux						5810 lm		

Operating time	Ballast	Threaded plate	Drilled holes	Cable glands and entries	Stopping plugs	Product Type	Art. No.	Weight
1.5 h emergency lighting operation	LED NLE 80W 110-240V/7Ah/1.5h/	2x plastic	3 x M25	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	L409/4348-5101-162-1110-11-850011	278304	8.1 kg
		2x SS430 stainless steel	3 x M20	Can be ordered as accessories	Can be ordered as accessories	L409/4348-5101-162-2220-22-850011	278305	8.1 kg

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.
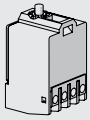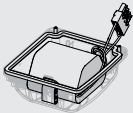**Variants with 2 x threaded plate stainless steel SS430 and 3 x drilled holes M20:**
Cable glands and stopping plugs can be ordered as accessories. Threaded plate included.

The light fittings are supplied without mounting material.

Technical Data

Variant	Size 2	Size 4
Electrical Data		
Rated operational voltage AC	110 – 240 V	110 – 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

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E2

Technical Data

| Variant	Size 2	Size 4
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	-30 °C ... +50 °C Note: Through wiring Max. 3x16 A -30 °C ... +55 °C Note: Through wiring 2 Max. 3x10 A
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
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		
Through wiring	With 6 conductors 2.5 mm²	With 6 conductors 2.5 mm²
Cable entry material	Polyamide, black	Polyamide, black
Stopping plug material	Polyamide, black	Polyamide, black

Spare Parts

Figure	Description	Art. No.	Weight
Contact element			
	8080/1-3-L 2 NC contact element	132527	26 g
Battery set			
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532	1.2 kg

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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations
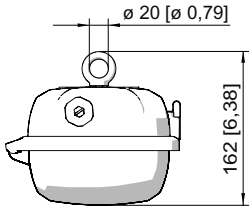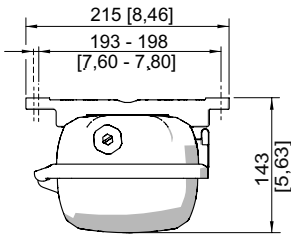
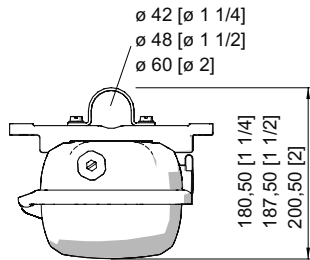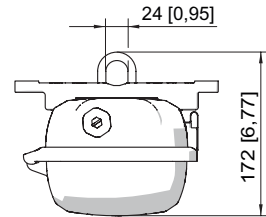Ring bolt fitted in insert nut of the luminaire
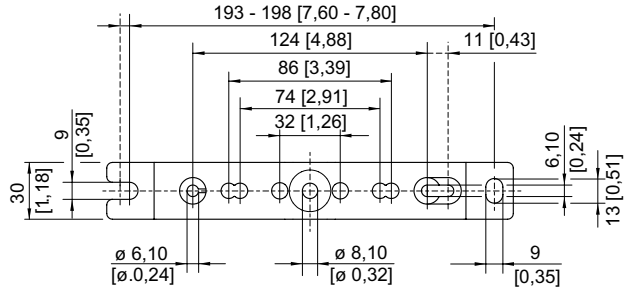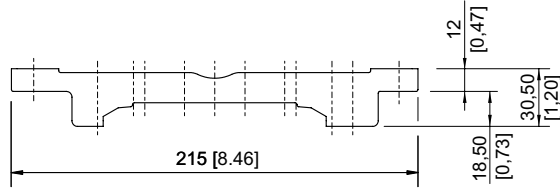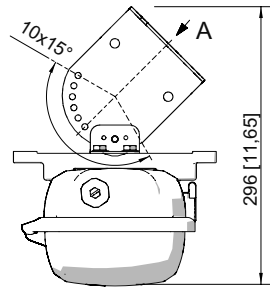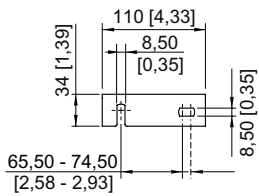
Mounting rail

Mounting rail

Pipe clamp fitted in mounting rail

Mounting bracket fitted in mounting rail
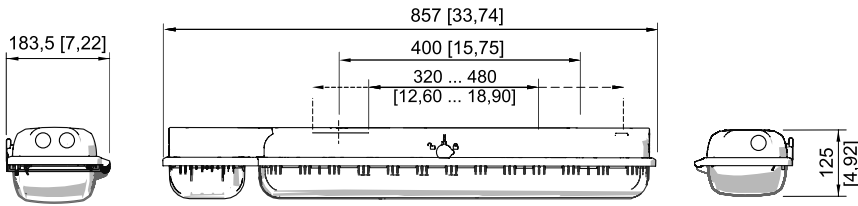
Wall mounting bracket fitted in mounting rail

EXLUX Emergency Luminaire with LED
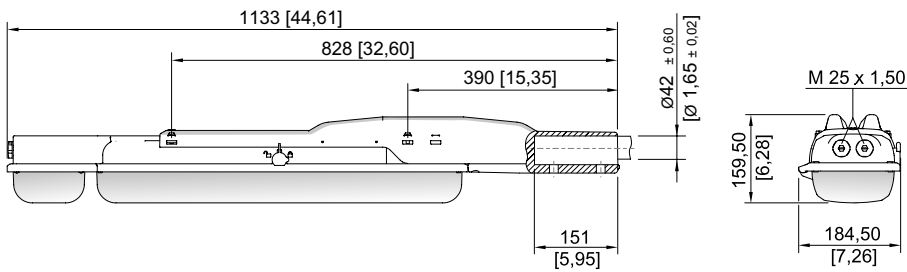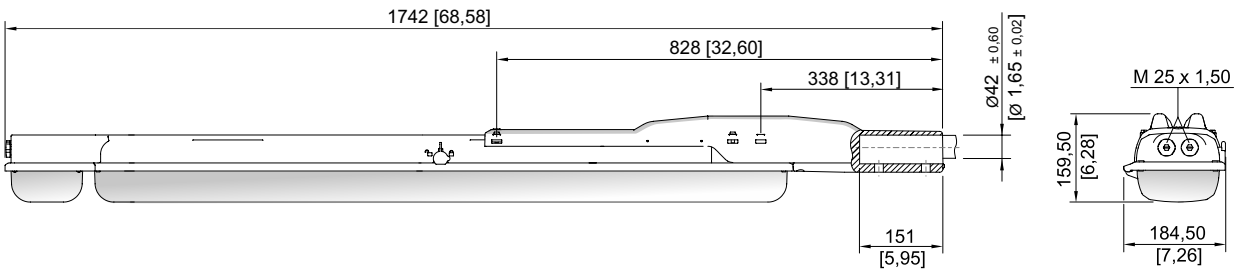
Series L409/4 Industrial Design

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

1133 [44,61]

828 [32,60]

390 [15,35]

Ø42 ± 0,60
[Ø 1,65 ± 0,02]

M 25 x 1,50

159,50 [6,28]

151 [5,95]

184,50 [7,26]

Size 2

1742 [68,58]

828 [32,60]

338 [13,31]

Ø42 ± 0,60
[Ø 1,65 ± 0,02]

M 25 x 1,50

159,50 [6,28]

151 [5,95]

184,50 [7,26]

Size 4