Lighting
Emergency luminaire With LED
GRP
L409/4348-5101-162-1110-11-850011   Art. No. 278304

STAHL

- 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

MY R. STAHL **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.

Technical Data

Explosion Protection	
Ex version	Industrial design
Electrical Data	
Rated operational voltage AC	110 ... 240 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	45 W
Lamp	LED
Light colour	5000 K – neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	129 lm/W
Luminous flux	5810 lm
Operating time	1.5h emergency lighting operation
Emergency light output	35% – 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
Mechanical Data	
Version	Standard
IP degree of protection (IEC 60598)	IP66/IP67

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V 0.157 EN

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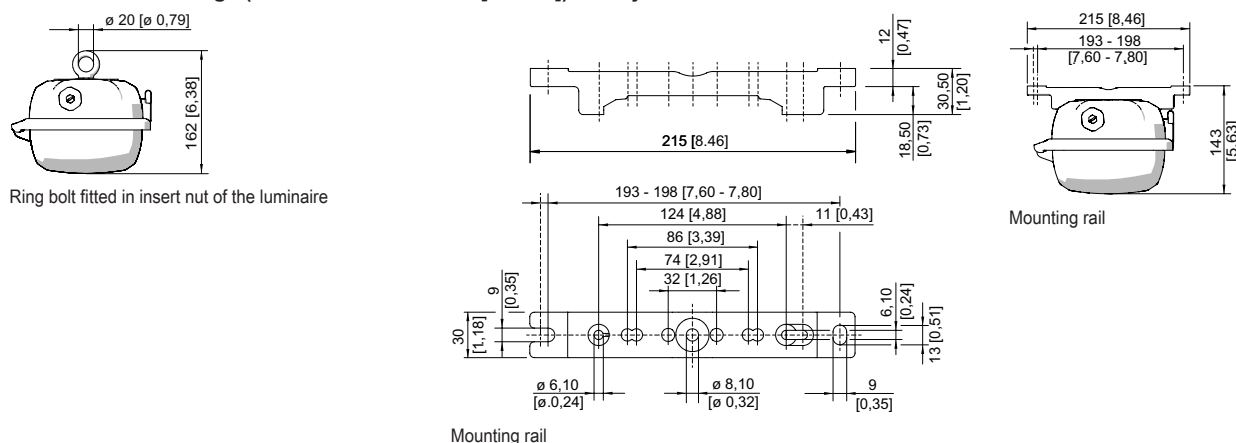**Mechanical Data**

Enclosure material	Polyester resin, Glass fibre reinforced
Enclosure colour	Light grey (RAL 7035)
Diffuser	With diffuser
Sealing material	Silicone
Silicone-free content	Contains silicone
Translucent cover material	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3 + L´
Max. solid connection terminals	6 mm²
Max. finely stranded connection terminals	4 mm²
Type of connection cable	Finely stranded Solid
Size	4
Width	183.5 mm
Height	125 mm
Length	1467 mm
Impact strength (IEC 62262)	IK10
Weight	8.1 kg
Weight	17.86 lb
Disconnection of the luminaire	Only battery

Components

Threaded plate	2x plastic
Ballast	LED NLE 80W 110-240V/7Ah/1.5h/
Through wiring	With 6 conductors 2.5 mm²
Drilled holes	3 x M25
Cable glands and entries	2 x M25 Ø 7 … 17 mm
Material cable gland	Polyamide, black
Stopping plugs	2 x M25 x 1.5
Stopping plug material	Polyamide, black
Accessories	Provided

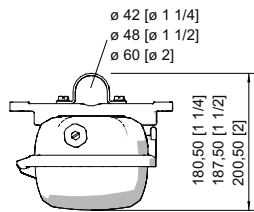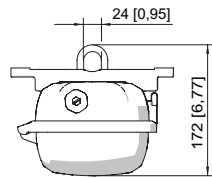**Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations**

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]

14,3 [5,63]

Mounting rail

Pipe clamp fitted in 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]

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

183,5 [7,22]
1467 [57,76]
800 [31,50]
670 ... 930 [26,38 ... 36,61]
125 [4,92]

Size 4

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]
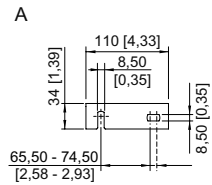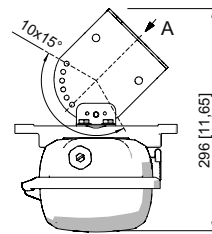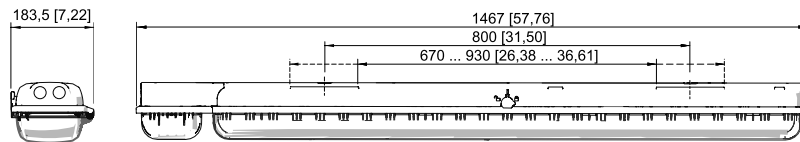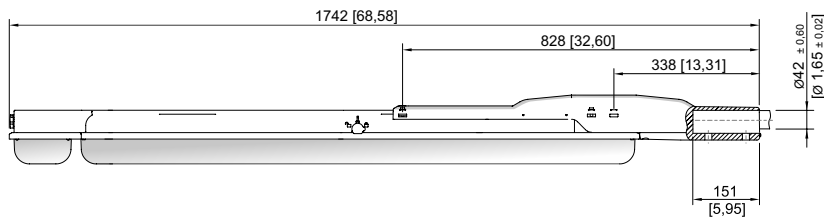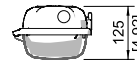
Size 4
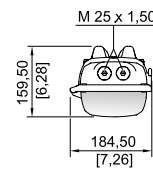
Accessories
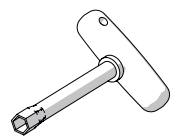
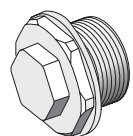| **Box spanner**		**Art. No.**
	M8 / A/F 13; For actuating the central lock	222430
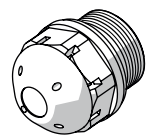
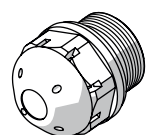| **Breather**		**Art. No.**
	Thread: M25 x 1.5 (20 pieces); without jam nut	285780
	Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut	296608
	M25 x 1.5 in order to avoid condensate formation	115738

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
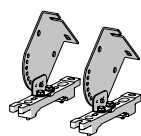
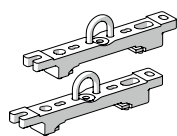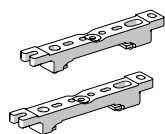| Holder for translucent cover		Art. No.
	The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened.	226791

Mounting bracket		Art. No.
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456

Mounting rail		Art. No.
	for a variable mounting distance; 1 pair	222826
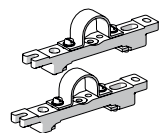
Pipe clamp		Art. No.
	R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair	222459
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460

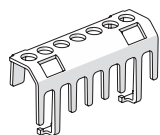| Pole mounting sleeve		Art. No.
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)	227512

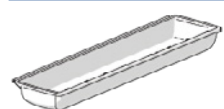| Protection against accidental contact		Art. No.
	The protection against accidental contact prevents maintenance technicians and electrical installers from accidentally touching conductive parts. The degree of protection is increased to IP20 when the protection against accidental contact is used.	283153

Spare Parts

Cover		Art. No.
	for luminaire size 4	222428

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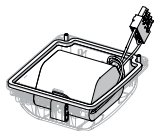
Battery set		Art. No.
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532

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.