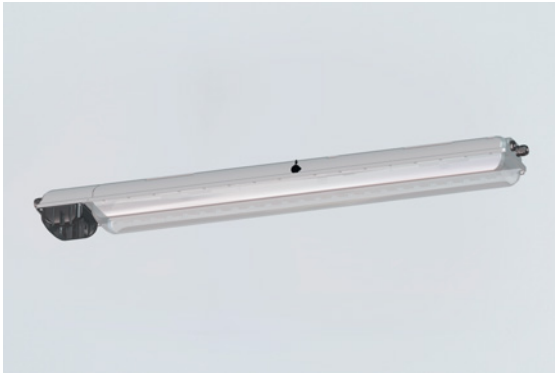


Emergency luminaire with LED EXLUX

Series L409/4 industrial design

STAHL

E2



- Long-lasting LED version of the EXLUX family in an industrial design
- Robust, durable enclosure with central lock for use as humid or 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.

| Selection Table | | | | | | | | |
|-----------------------------------|--------------------------------|--------------------------|---------------|--------------------------------|-------------------------------|-----------------------------------|----------|--------|
| Size | 2 | | | | | | | |
| Lamp wattage | 25 W | | | | | | | |
| Luminaire efficacy | 116 lm/W | | | | | | | |
| Luminous flux | 2910 lm | | | | | | | |
| Colour temperature | 5000 K | | | | | | | |
| Operating time | Ballast | Threaded plate | Drilled holes | Cable glands and entries | Stopping plugs | Product Type | Art. No. | Weight |
| 1.5h 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 an accessory | 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 | | | | | | | |
| Colour temperature | 5000 K | | | | | | | |
| Operating time | Ballast | Threaded plate | Drilled holes | Cable glands and entries | Stopping plugs | Product Type | Art. No. | Weight |
| 1.5h 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 an accessory | 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:

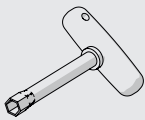
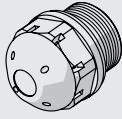
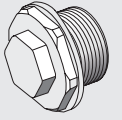
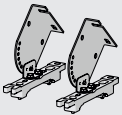
Cable glands and stopping plugs can be ordered as accessories. Threaded plate included.


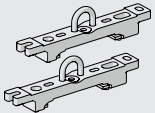
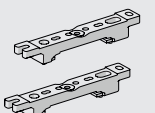
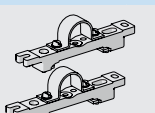
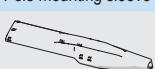
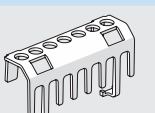
The light fittings are supplied without mounting material.


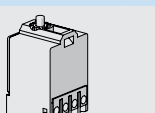

| Technical Data | | |
|------------------------------|-------------------------|-------------------------|
| Variant | Size 2 | Size 4 |
| Electrical Data | | |
| Rated operational voltage AC | 110 ... 240 V | 110 ... 240 V |
| Battery operating voltage | 6 V | 6 V |
| Battery capacity | 7 Ah | 7 Ah |
| Frequency range | 50 – 60 Hz | 50 – 60 Hz |
| Battery version | NiCd battery, gas-tight | NiCd battery, gas-tight |

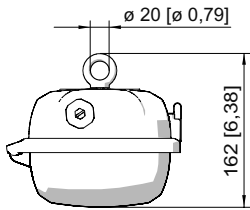
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| Technical Data | | |
|---|--|--|
| Variant | Size 2 | Size 4 |
| Ambient Conditions | | |
| Ambient temperature | -30 °C ... +50 °C Note: Through wiring Max. 3x16 A -30 °C ... +55 °C Note: Through wiring 2 Max. 3x10 A | -30 °C ... +50 °C Note: Through 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 |
| Emergency light output | 65% – 1.5 h | 35% – 1.5 h |
| Colour rendering | ≥ 80 | ≥ 80 |
| 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 mm ² | 6 mm ² |
| Max. finely stranded connection terminals | 4 mm ² | 4 mm ² |
| 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 mm ² | With 6 conductors 2.5 mm ² |
| Cable entry material | Polyamide, black | Polyamide, black |
| Stopping plug material | Polyamide, black | Polyamide, black |

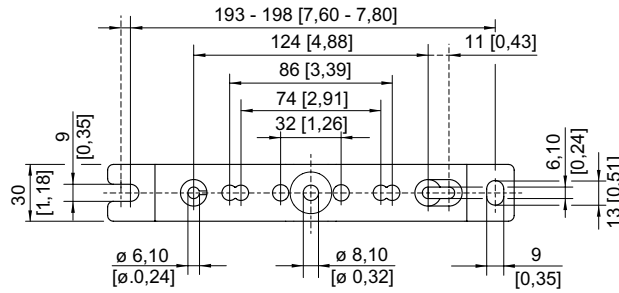
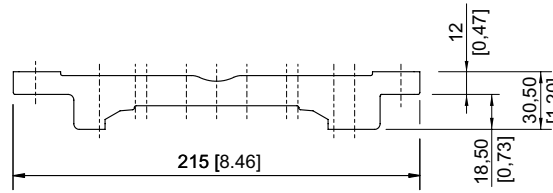
| Accessories | | | |
|---|--|----------|--------|
| Figure | Description | Art. No. | Weight |
| Box spanner | | | |
|  | M8 / A/F 13; For actuating the central lock | 222430 | 110 g |
| Breather | | | |
|  | Thread: M25 x 1.5 (20 pieces); without jam nut | 285780 | 200 g |
| | M25 x 1.5 in order to avoid condensate formation | 115738 | 17 g |
|  | Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut | 296608 | 76 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 |
| Holder for translucent cover | | | |
|  | The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened. | 226791 | 21 g |
| 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 |
| Protection against accidental contact | | | |
|  | 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 | 14 g |

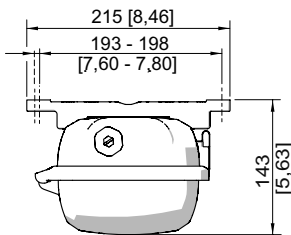
| Spare Parts | | | |
|---|---|----------|---------|
| Figure | Description | Art. No. | Weight |
| Cover | | | |
|  | for luminaire size 4 | 222428 | 1.15 kg |
| | for luminaire size 2 | 222427 | 639 g |
| Contact element | | | |
|  | 8080/1-3-L 2 NC contact element | 132527 | 26 g |
| Battery set | | | |
|  | Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V | 223532 | 1.2 kg |



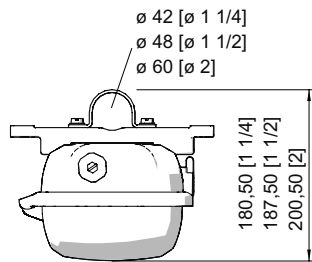
Ring bolt fitted in insert nut of the luminaire



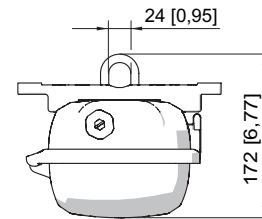
Mounting rail



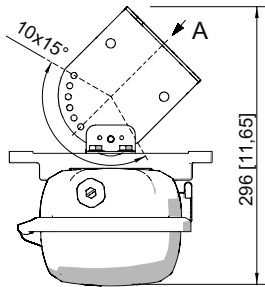
Mounting rail



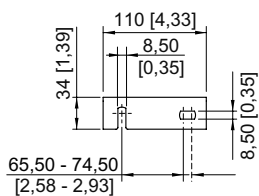
Pipe clamp fitted in mounting rail



Mounting bracket fitted in mounting rail



A



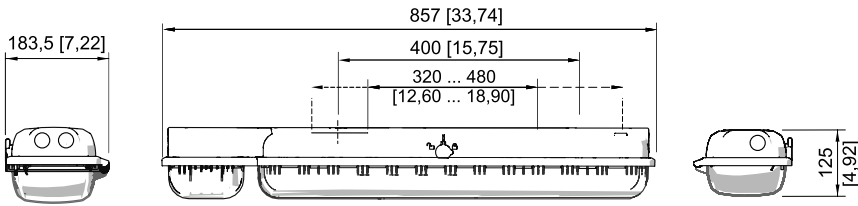
Wall mounting bracket fitted in mounting rail

Emergency luminaire with LED EXLUX

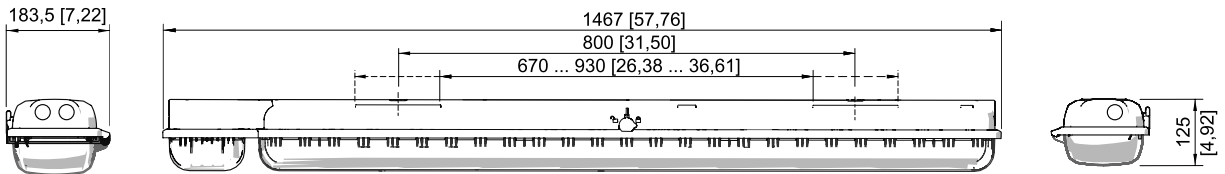
Series L409/4 industrial design



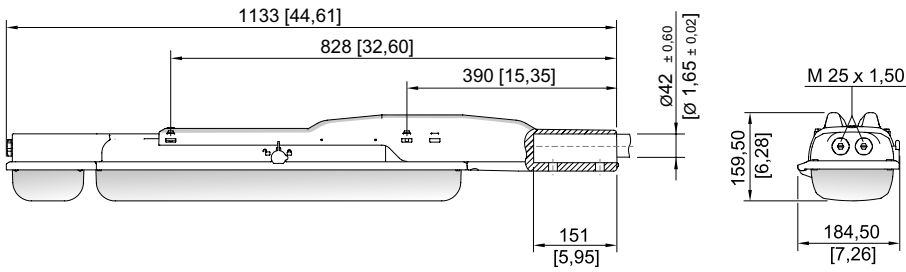
E2



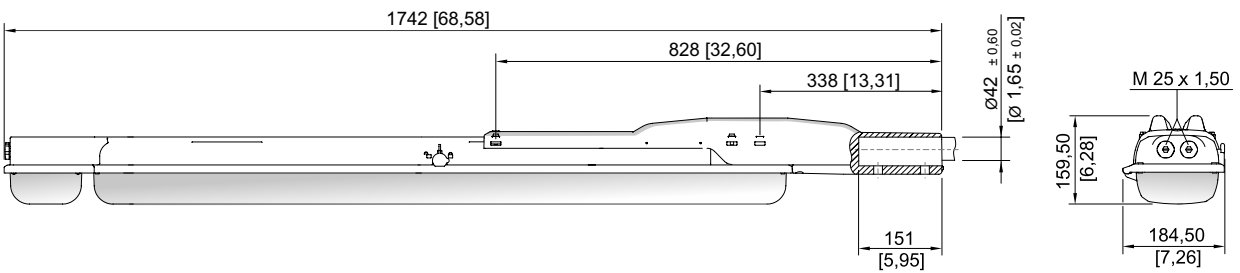
Size 2



Size 4



Size 2



Size 4