

EXLUX Emergency Luminaire with LED

Series 6009/4



- The latest LED technology with a high luminous efficacy and a long service life
- Extremely high luminaire efficacy
- Can be adjusted from a 1.5 to a 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 functional test and annual rated operating time test

WebCode 6009D



The emergency luminaire with Series 6009/4 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 | | | | | | | |
|--------------------|--------------------------|-------------------------------|-------------------------------|---------------------------------------|-----------------------------------|----------|-----------|
| Size | 2 | | | | | | |
| Lamp wattage | 25 W | | | | | | |
| Luminaire efficacy | 116 lm/W | | | | | | |
| Luminous flux | 2910 lm | | | | | | |
| Drilled holes | Threaded plate | Cable glands and entries | Stopping plugs | Through wiring | Product Type | Art. No. | Weight kg |
| 3 x M20 | 2x SS430 stainless steel | Can be ordered as accessories | Can be ordered as accessories | With 6 conductors 2.5 mm ² | 6009/4128-2103-162-2220-22-850011 | 267868 | 6.700 |
| 3 x M25 | 2x plastic | 2 x M25 Ø 7 – 17 mm | 2 x M25 x 1.5 | With 6 conductors 2.5 mm ² | 6009/4128-2103-162-1110-11-850011 | 267867 | 6.650 |
| Size | 4 | | | | | | |
| Lamp wattage | 45 W | | | | | | |
| Luminaire efficacy | 129 lm/W | | | | | | |
| Luminous flux | 5810 lm | | | | | | |
| Drilled holes | Threaded plate | Cable glands and entries | Stopping plugs | Through wiring | Product Type | Art. No. | Weight kg |
| 3 x M20 | 2x SS430 stainless steel | Can be ordered as accessories | Can be ordered as accessories | With 6 conductors 2.5 mm ² | 6009/4148-2103-162-2220-22-850011 | 267875 | 9.200 |
| 3 x M25 | 2x plastic | 2 x M25 Ø 7 – 17 mm | 2 x M25 x 1.5 | With 6 conductors 2.5 mm ² | 6009/4148-2103-162-1110-11-850011 | 267872 | 9.200 |

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:

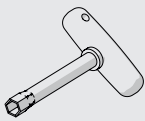
Cable glands and stopping plugs can be ordered as accessories. Threaded plate included.

The light fittings are supplied without mounting material.

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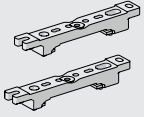
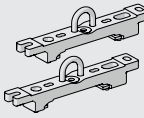

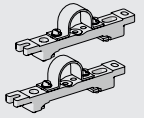

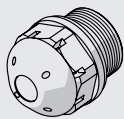
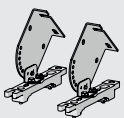
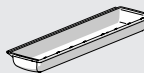
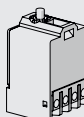
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| Technical Data | | |
|---|--|---|
| Variant | Size 2 | Size 4 |
| Explosion Protection | | |
| IECEX gas explosion protection | Ex db eb ib mb op is IIC T4 Gb | Ex db eb ib mb op is IIC T4 Gb |
| IECEX dust explosion protection | Ex tb op is IIIC T100 °C Db | Ex tb op is IIIC T100 °C Db |
| ATEX gas explosion protection | ⊕ II 2 G Ex db eb ib mb op is IIC T4 Gb | ⊕ II 2 G Ex db eb ib mb op is IIC T4 Gb |
| ATEX dust explosion protection | ⊕ II 2 D Ex tb op is IIIC T100 °C Db | ⊕ II 2 D Ex tb op is IIIC T100 °C Db |
| Note: Through wiring | Max. 3x16 A | Max. 3x16 A |
| Note: Through wiring 2 | Max. 3x10 A | Max. 3x10 A |
| Certificates | ATEX (IBE), IECEx (IBE) | ATEX (IBE), IECEx (IBE) |
| Electrical Data | | |
| Rated operational voltage AC | 100 – 240 V | 100 – 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 |
| Lighting Data | | |
| Number of lamps | 1 | 1 |
| Lamp | LED | LED |
| Light colour | 5000K - neutral white | 5000K - neutral white |
| Light distribution | 120°x120° with diffusing glass | 120°x120° with diffusing glass |
| Operating time | 1.5 / 3h emergency lighting operation | 1.5 / 3h emergency lighting operation |
| Emergency light output | 35% – 3 h 65% – 1.5 h | 20% – 3 h 35% – 1.5 h |
| 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 | | |
| Ballast | 6046/211-121-010 LED NLE 7 Ah | 6046/211-121-010 LED NLE 7 Ah |
| Cable entry material | Polyamide, black | Polyamide, black |
| Stopping plug material | Polyamide, black | Polyamide, black |

| Accessories | | | |
|---|---|----------|-----------|
| Figure | Description | Art. No. | Weight kg |
|  | M8 / wrench size 13; to open/close the central locking | 222430 ▲ | 0.110 |

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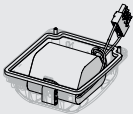
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| Accessories | | | |
|---|--|----------|-----------|
| Figure | Description | Art. No. | Weight kg |
| Mounting rail | | | |
|  | for a variable mounting distance; 1 pair | 222826 ▲ | 0.350 |
| Mounting bracket | | | |
|  | mounting clamp mounted 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 |
| | M25 x 1.5 in order to avoid condensate formation | 115738 ▲ | 0.017 |
| 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 |
| Contact element | | | |
|  | 8080/1-3-L 2 NC contact element | 132527 ■ | 0.026 |

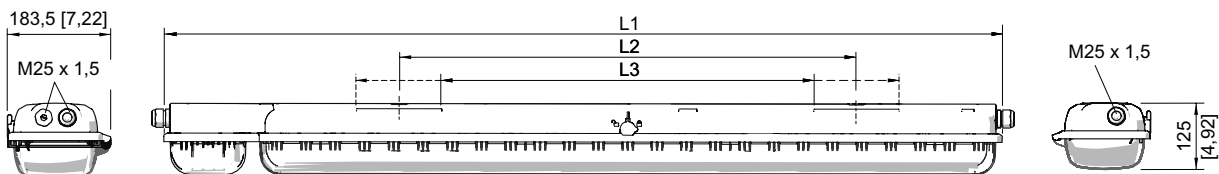
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Spare Parts

| Figure | Description | Art. No. | Weight kg |
|---|---|----------|-----------|
|  | 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



Size 2:

L1 = 857 mm [33.74]

L2 = 400 mm [15.75]

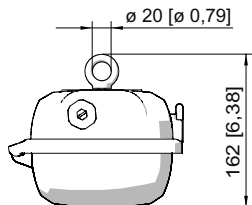
L3 = 320 ... 480 mm [12.60 ... 18.90]

Size 4:

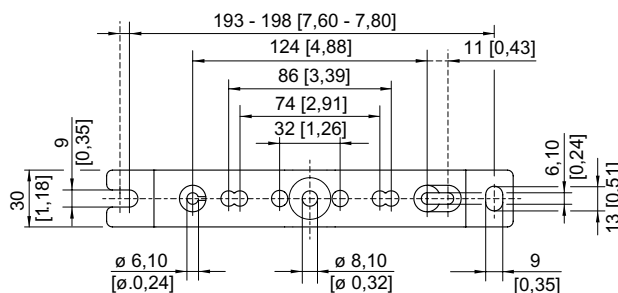
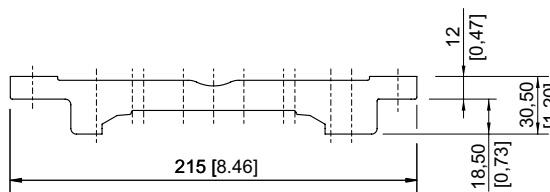
L1 = 1467 mm [57.76]

L2 = 800 mm [31.50]

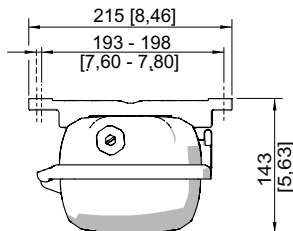
L3 = 670 ... 930 mm [26.38 ... 36.61]



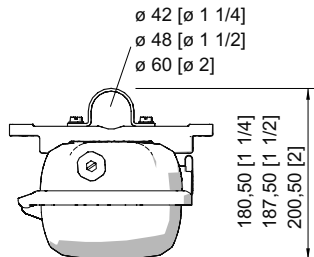
Ring bolt fitted in insert nut of the luminaire



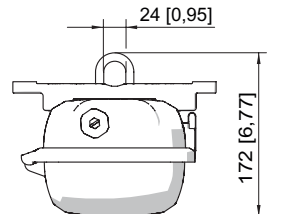
Mounting rail



Mounting rail



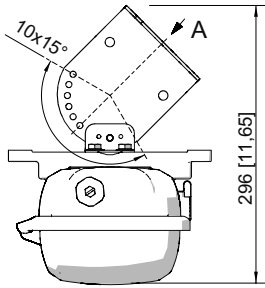
Pipe clamp fitted in mounting rail



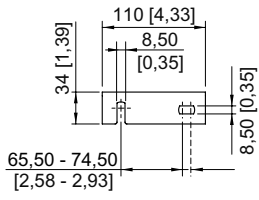
Mounting bracket fitted in mounting rail

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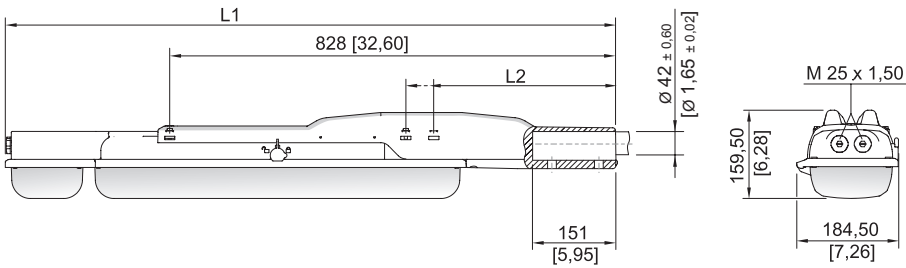
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Wall mounting bracket fitted in mounting rail



With pole mounting sleeve

Size 2:

L1 = 1133 mm [44.61]

L2 = 390 mm [15.35]

Size 4:

L1 = 1742 mm [68.58]

L2 = 338 mm [13.31]