### **EXLUX Linear Luminaire with LED**

Series L402/4 Industrial Design





- · Highly resistant industrial design
- Linear luminaire with long-life, efficient LED technology (up to 138 lm/W)
- Lightweight yet extremely robust, with an impact strength rating of IK10

### MY R. STAHL L402A

The EXLUX L402/4 luminaire is designed for industrial use and can be fitted to the ceiling, a pole, or alternatively, it can be suspended. A bright light for not much energy is what you get with this efficient LED technology, which offers the added benefit of increased service life – this can be as much as 100,000 hours. The plastic enclosure is easily to open by a central lock.

| Selection Table   |                           |  |                        |               |                          |                                     |          |        |
|---|---------------------------|--|------------------------|---------------|--------------------------|-------------------------------------|----------|--------|
| Size<br>Light distribution<br>Lamp wattage<br>Luminous flux<br>Luminaire efficacy |                           | 2<br>120°x120<br>22 W<br>2910 lm<br>132 lm/W | ° with diffusing glass |               |                          |                                     |          |        |
| Translucent cover   | Light colour              | Disconnection of the luminaire               | Diffuser               | Drilled holes | Threaded plate           | Product Type                        | Art. No. | Weight |
| Clear   | 5000 K – neutral white    | No   | With diffuser          | 3 x M25       | 2x plastic               | L402/4328-6100-152-<br>1110-11-8500 | 271366   | 3.2 kg |
|   |                           | No   | With diffuser          | 3 x M20       | 2x SS430 stainless steel | L402/4328-6100-152-<br>2220-22-8500 | 271367   | 3.3 kg |
| Size<br>Light distribution<br>Lamp wattage<br>Luminous flux<br>Luminaire efficacy |                           | 4<br>120°x120<br>42 W<br>5810 lm<br>138 lm/W | ° with diffusing glass |               |                          |                                     |          |        |
| Translucent cover   | Light colour              | Disconnection of the luminaire               | Diffuser               | Drilled holes | Threaded plate           | Product Type                        | Art. No. | Weight |
| Clear   | 5000 K – neutral<br>white | No   | With diffuser          | 3 x M25       | 2x plastic               | L402/4348-6100-152-<br>1110-11-8500 | 271364   | 5.6 kg |
|   |                           | No   | With diffuser          | 3 x M20       | 2x SS430 stainless steel | L402/4348-6100-152-<br>2220-22-8500 | 271365   | 5.7 kg |
| Size<br>Light distribution<br>Lamp wattage<br>Luminous flux<br>Luminaire efficacy |                           | 6<br>120°x120<br>50 W<br>6960 lm<br>139 lm/W | ° with diffusing glass |               |                          |                                     |          |        |
| Translucent cover   | Light colour              | Disconnection of the luminaire               | Diffuser               | Drilled holes | Threaded plate           | Product Type                        | Art. No. | Weight |
| Clear   | 5000 K – neutral<br>white | No   | With diffuser          | 3 x M25       | 2x plastic               | L402/4368-6200-152-<br>1110-11-8500 | 285176   | 7 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 \$\$430 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.

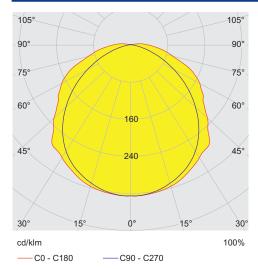
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E2

| Technical Data                      |  |
|-------------------------------------|--|
|                                     |  |
| Explosion Protection                |  |
| Class                               | I (with inner PE connection)   |
| Electrical Data                     |  |
| Rated operational voltage AC        | 100 – 240 V  |
| Rated operational voltage DC        | 200 250 V  |
| Ambient Conditions                  |  |
| Ambient temperature                 | -40 °C +55 °C Note: Through wiring Max. 3x16 A<br>-40 °C +60 °C Note: Through wiring 2 Max. 3x10 A |
| Lighting Data                       |  |
| Lamp                                | LED  |
| Colour rendering                    | ≥ 80   |
| Colour temperature                  | 5000 K   |
| Mechanical Data                     |  |
| IP degree of protection (IEC 60598) | IP66/IP67  |
| Class                               | I (with inner PE connection)   |
| Enclosure material                  | Polyester resin, Glass fibre reinforced  |
| Sealing material                    | Silicone   |
| Translucent cover material          | Polycarbonate  |
| Installed terminal strip            | PE + N + L1 + L2 + L3  |
| Max. solid connection terminals     | 6 mm²  |
| Type of connection cable            | Finely stranded<br>Solid   |
| Impact strength (IEC 62262)         | IK10   |
| Enclosure colour                    | Light grey (RAL 7035)  |
| Notes                               | Connection terminals: Spring clamp terminal (2 free clamping units per pole available)             |
| Components                          |  |
| Ballast                             | VG Luxtronic 40 W 300 mA   |
| Through wiring                      | With 5 conductors 2.5 mm <sup>2</sup>  |
|                                     |  |

### **Light Distribution Curves – Subject to Alterations**



typical with diffusor, clear translucent cover

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| Accessories               |  |          |        |
|---------------------------|--|----------|--------|
| Figure                    | Description  | Art. No. | Weight |
| Box spanner               |  |          |        |
|                           | M8 / A/F 13; For actuating the central lock  |          | 110 g  |
| Breather                  |  |          |        |
|                           | Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut  | 296608   | -      |
| Ceiling and wall mounting | ng 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 |
| Cover                     |  |          |        |
|                           | For size 2 luminaires (diffuse), when used on an emergency luminaire with individual power supply, the visibility of the display LED may be restricted | 276669   | 1 kg   |
|                           | For size 4 luminaires (diffuse), when used on an emergency luminaire with individual power supply, the visibility of the display LED may be restricted | 276670   | 1.2 kg |
| Mounting bracket          |  |          |        |
|                           | mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair   | 222456   | 400 g  |
| Mounting rail             |  |          |        |
| Pice See all              | 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 |
| Ring bolt                 |  |          |        |
|                           | M8, direct mounting in insert nuts; 1 pair   | 115736   | 115 g  |

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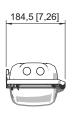


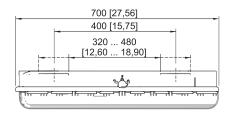
Series L402/4 Industrial Design

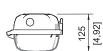
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| Spare Parts |                      |          |         |
|-------------|----------------------|----------|---------|
| Figure      | Description          | Art. No. | Weight  |
| Cover       |                      |          |         |
|             | for luminaire size 4 | 222428   | 1.15 kg |
|             | for luminaire size 6 | 222429   | 1.45 kg |
|             | for luminaire size 2 | 222427   | 639 g   |

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

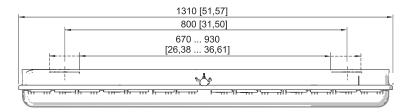






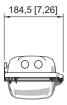
Size 2

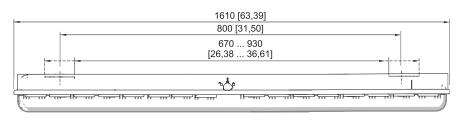


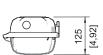




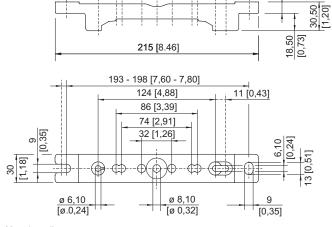
Size 4

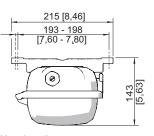






Size 6





Mounting rail

Mounting rail

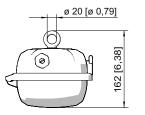
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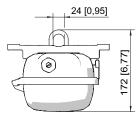
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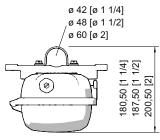




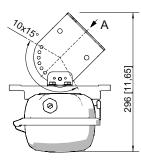
Ring bolt fitted in insert nut of the luminaire

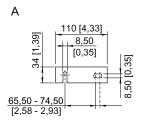


Mounting bracket fitted in mounting rail



Pipe clamp fitted in mounting rail





Wall mounting bracket fitted in mounting rail