

Lighting

Linear luminaire With LED

GRP

6002/4128-0101-152-2220-22-0530 Art. No. 283407



- The latest LED technology with a high luminous efficacy and a long service life
- Extremely high luminaire efficacy
- Luminous flux after 100,000 h still 90% of the starting luminous flux
- Optionally with DALI for controlling and monitoring the luminaire
- Optionally addressable for direct actuation of a common battery system

MY R. STAHL 6002D



The linear luminaire with Series 6002/4 LED is ideal for lighting surfaces at a mounting height of up to 10 m. It can also be used to illuminate equipment and objects, both inside and outside. The pole mounting sleeve accessory can be used to easily mount the luminaire on poles. Optionally, the luminaire can be equipped with addressable equipment. It can be used to control and monitor the luminaire for the common battery systems.

Technical Data

Explosion Protection

| | |
|---------------------------------|---|
| Ex version | Yes |
| Application range (zones) | 1 2 21 22 |
| IECEX gas certificate | IECEX IBE 14.0035 |
| IECEX gas explosion protection | Ex db eb ib op is IIC T4 Gb |
| IECEX dust certificate | IECEX IBE 14.0035 |
| IECEX dust explosion protection | Ex tb op is IIIC T100 °C Db |
| ATEX gas certificate | IBExU 14ATEX1088 |
| ATEX gas explosion protection | ⊕ II 2 G Ex db eb ib op is IIC T4 Gb |
| ATEX dust certificate | IBExU 14ATEX1088 |
| ATEX dust explosion protection | ⊕ II 2 D Ex tb op is IIIC T100 °C Db |
| Certificates and approvals | ATEX IECEX UKEX |
| Certificates | ATEX (IBE), IECEX (IBE), India (PESO) |
| Ship approval | DNV |
| Declaration of Conformity | ATEX (EUK), Declaration of Conformity (AUS) |

Electrical Data

| | |
|------------------------------|---------------|
| Rated operational voltage AC | 100 – 240 V |
| Rated operational voltage DC | 110 ... 250 V |
| Frequency range | 50 – 60 Hz |

Lighting Data

| | |
|-----------------|------|
| Number of lamps | 1 |
| Lamp wattage | 18 W |
| Lamp | LED |

Lighting

Linear luminaire With LED

GRP

6002/4128-0101-152-2220-22-0530 Art. No. 283407



Lighting Data

| | |
|--------------------|--------------------------------|
| Light colour | Green |
| Light distribution | 120°x120° with diffusing glass |
| Luminaire efficacy | 117 lm/W |
| Luminous flux | 2110 lm |

Ambient Conditions

| | |
|---------------------|--|
| Ambient temperature | -40 °C ... +50 °C Note: Through wiring Max. 3x16 A -40 °C ... +50 °C Note: Through wiring 2 Max. 3x10 A |
|---------------------|--|

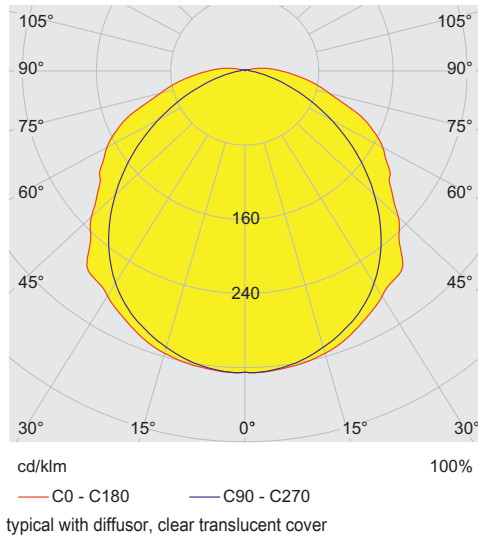
Mechanical Data

| | |
|---|---|
| Version | Standard |
| Translucent cover | Clear |
| IP degree of protection (IEC 60598) | IP66/IP67 |
| 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 |
| Max. solid connection terminals | 6 mm ² |
| Max. finely stranded connection terminals | 4 mm ² |
| Type of connection cable | Finely stranded Solid |
| Size | 2 |
| Width | 184 mm |
| Height | 125 mm |
| Length | 700 mm |
| Impact strength (IEC 62262) | IK10 |
| Weight | 4.55 kg |
| Weight | 10.03 lb |
| Disconnection of the luminaire | Yes |

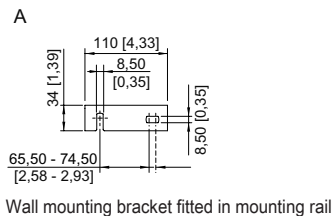
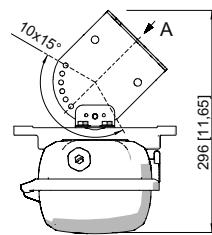
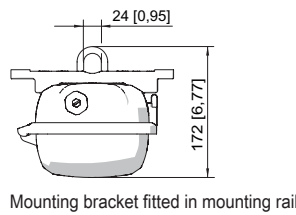
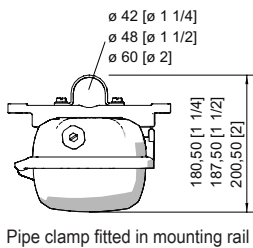
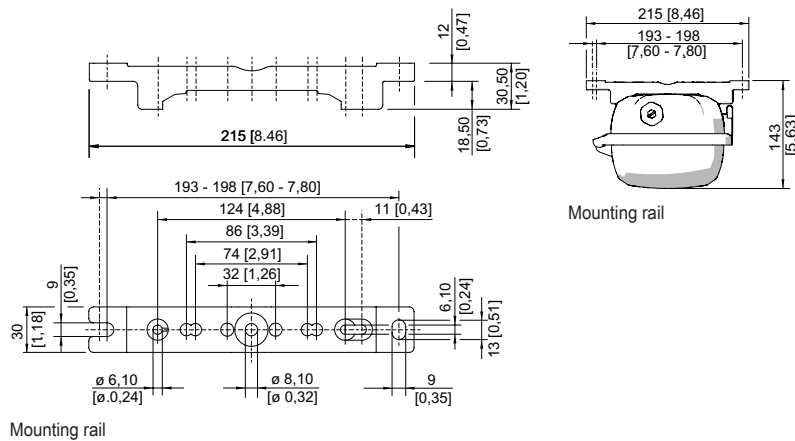
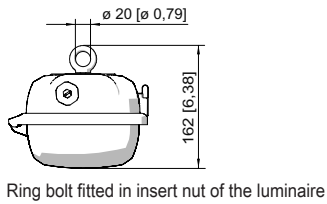
Components

| | |
|--------------------------|---------------------------------------|
| Threaded plate | 2x SS430 stainless steel |
| Ballast | 6045/311-120-10 |
| Through wiring | With 5 conductors 2.5 mm ² |
| Drilled holes | 3 x M20 |
| Cable glands and entries | Can be ordered as accessories |
| Stopping plugs | Can be ordered as accessories |
| Accessories | without |

Light Distribution Curves



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

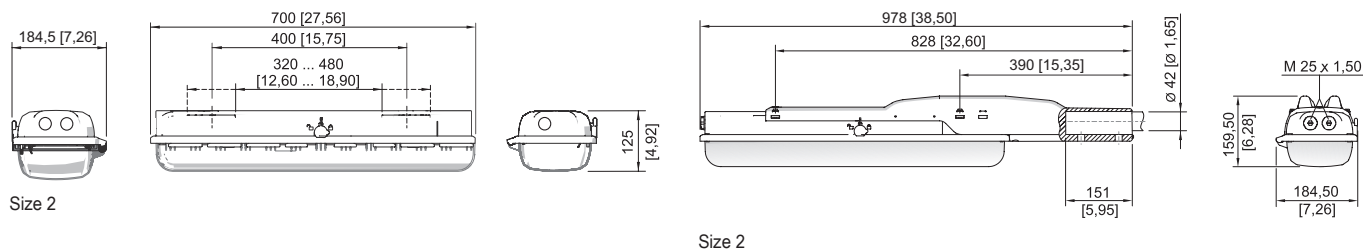


Lighting

Linear luminaire With LED

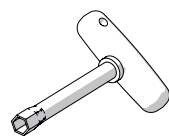
GRP

6002/4128-0101-152-2220-22-0530 Art. No. 283407



Accessories

Box spanner

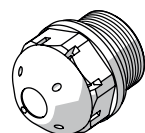


M8 / A/F 13;
For actuating the central lock

Art. No.

222430

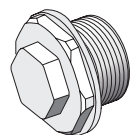
Breather



Thread: M25 x 1.5 (20 pieces); without jam nut

Art. No.

285780



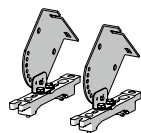
Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut

296608

Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut

296608

Ceiling and wall mounting bracket

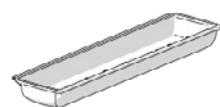


mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair

Art. No.

222827

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

Art. No.

276669

Holder for translucent cover

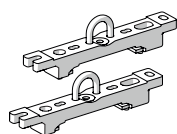


The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened.

Art. No.

226791

Mounting bracket



mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair

Art. No.

222456

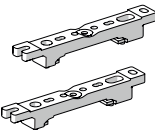
Lighting

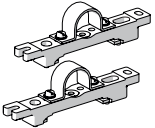
Linear luminaire With LED

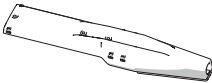
GRP

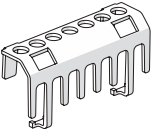
6002/4128-0101-152-2220-22-0530 Art. No. 283407




| 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 |

| Ring bolt | | Art. No. |
|--|--|----------|
|  | M8, direct mounting in insert nuts; 1 pair | 115736 |

Spare Parts

| Contact element | | Art. No. |
|--|---------------------------------|----------|
|  | 8080/1-3-L 2 NC contact element | 132527 |

| Cover | | Art. No. |
|--|----------------------|----------|
|  | for luminaire size 2 | 222427 |

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.