

## Linear luminaire With LED GRP



### Technical Data

#### General:

Product variant: standard

Product Type: 6002/4168-0200-152-2220-22-8500

#### Explosion Protection:

IECEX gas explosion protection: Ex db eb ib op is IIC T4 Gb

IECEX dust explosion protection: Ex tb op is IIIC T100 °C Db

ATEX gas explosion protection: II 2 G Ex db eb ib op is IIC T4 Gb

ATEX dust explosion protection: II 2 D Ex tb op is IIIC T100 °C Db

Certificates: ATEX (IBE), IECEX (IBE), India (PESO)

Ship approval: DNV

Declaration of Conformity: ATEX (EUK)

#### Electrical Data:

Rated operational voltage AC: 110 – 240 V

Rated operational voltage DC: 110 ... 250 V

Frequency range: 50 – 60 Hz

#### Ambient Conditions:

Ambient temperature: -20 °C ... +50 °C Note: Through wiring Max. 3x16 A -20 °C ... +60 °C Note: Through wiring 2 Max. 3x10 A

#### Lighting Data:

Number of lamps: 1

Lamp wattage: 50 W

Lamp: LED

Light colour: 5000 K – neutral white

Light distribution: 120°x120° with diffusing glass

Luminaire efficacy: 139 lm/W

Luminous flux: 6960 lm

Colour rendering: ≥ 80

#### Mechanical Data:

Translucent cover: Clear

IP degree of protection (IEC 60598): IP66

Enclosure material: Polyester resin, Glass fibre reinforced

Enclosure colour: Light grey (RAL 7035)

Diffuser: With diffuser

Sealing material: Silicone

Max. solid connection terminals: 6 mm<sup>2</sup>

Max. finely stranded connection terminals: 4 mm<sup>2</sup>

Type of connection cable: Finely stranded Solid

Size: 6

Impact strength (IEC 62262): IK10

Disconnection of the luminaire: No



**Components:**

Threaded plate: 2x SS430 stainless steel

Through wiring: With 5 conductors 2.5 mm<sup>2</sup>

Drilled holes: 3 x M20

Example Type: 6002/4168-0200-152-2220-22-8500 | Art. No. 278346

Manufacturer: R. STAHL Schaltgeräte GmbH | Am Bahnhof 30 | 74638 WALDENBURG | [r-stahl.com](http://r-stahl.com)