

## Linear luminaire With LED GRP



### Technical Data

#### General:

Product variant: standard

Product Type: 6002/4144-0100-152-2220-22-850S

#### 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), 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

#### Ambient Conditions:

Ambient temperature: -40 °C ... +50 °C Note: Through wiring Max. 3x16 A -40 °C ... +60 °C Note: Through wiring 2 Max. 3x10 A

#### Lighting Data:

Number of lamps: 1

Lamp wattage: 42 W

Lamp: LED

Light colour: 5000 K – neutral white

Light distribution: 120°x120°

Luminaire efficacy: 121 lm/W

Luminous flux: 5100 lm

Colour rendering: ≥ 80

#### Mechanical Data:

Translucent cover: Translucent

IP degree of protection (IEC 60598): IP66/IP67

Enclosure material: Polyester resin, Glass fibre reinforced

Enclosure colour: Light grey (RAL 7035)

Diffuser: Without 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: 4

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: 6002/4144-0100-152-2220-22-850S | Art. No. 285109

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