

Linear luminaire With LED GRP



Technical Data

General:

Product Type: 6002/4148-0100-152-LLL2-22-8500

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), 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° with diffusing glass

Luminaire efficacy: 138 lm/W

Luminous flux: 5810 lm

Colour rendering: ≥ 80

Mechanical Data:

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

Max. solid connection terminals: 6 mm²

Max. finely stranded connection terminals: 4 mm²

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 mm²

Drilled holes: 4 x M20

Example Type: 6002/4148-0100-152-LLL2-22-8500 | Art. No. 272276

Manufacturer: R. STAHL Schaltgeräte GmbH | Am Bahnhof 30 | 74638 WALDENBURG | r-stahl.com