

Linear luminaire With LED GRP



Technical Data

General:

Product Type: 6002/4148-0100-152-1110-11-8400

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 – 60Hz

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: 4000 K – warm neutral white

Light distribution: 120°x120° with diffusing glass

Luminaire efficacy: 138 lm/W

Luminous flux: 5810.00 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 plastic

Through wiring: With 5 conductors 2.5 mm²

Drilled holes: 3 x M25

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