

## Emergency luminaire With LED GRP



### Technical Data

#### General:

Product Type: 6009/4148-2103-162-1110-11-840011

#### 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

Battery version: NiCd battery, gas-tight

Battery operating voltage: 6 V

Battery capacity: 7.0 Ah

Frequency range: 50 – 60 Hz

#### Ambient Conditions:

Ambient temperature: -30 °C ... +50 °C Note: Through wiring Max. 3x16 A -30 °C ... +55 °C Note: Through wiring 2 Max. 3x10 A

#### Lighting Data:

Number of lamps: 1

Lamp wattage: 45 W

Lamp: LED

Light colour: 4000 K – warm neutral white

Light distribution: 120°x120° with diffusing glass

Luminaire efficacy: 129 lm/W

Luminous flux: 5810 lm

Operating time: 1.5 / 3h emergency lighting operation

Emergency light output: 20% – 3.0 h 35% – 1.5 h

Colour rendering: ≥ 80

**Mechanical Data:**

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: 4

Impact strength (IEC 62262): IK10

Disconnection of the luminaire: All-pole disconnection

**Components:**

Cable entry material: Polyamide, black

Threaded plate: 2x plastic

Ballast: 6046/311-121-010

Through wiring: With 6 conductors 2.5 mm<sup>2</sup>

Drilled holes: 3 x M25

Stopping plug material: Polyamide, black

Example Type: 6009/4148-2103-162-1110-11-840011 | Art. No. 282811

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