

## Emergency luminaire With LED GRP



### Technical Data

#### General:

Product Type: 6409/4148-5101-162-1110-11-850011

#### Explosion Protection:

IECEX gas explosion protection: Ex db ec IIC T4 Gc

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

ATEX gas explosion protection: II 3 G Ex db ec IIC T4 Gc

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

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

Declaration of Conformity: ATEX (EUK), Declaration of Conformity (AUS)

#### Electrical Data:

Rated operational voltage AC:

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: 5000 K – neutral white

Light distribution: 120°x120° with diffusing glass

Luminaire efficacy: 129 lm/W

Luminous flux: 5810 lm

Operating time: 1.5 h emergency lighting operation

Emergency light output: 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: Solid Finely stranded

Size: 4

Impact strength (IEC 62262): IK10

Disconnection of the luminaire: Only battery

**Components:**

Cable entry material: Polyamide, black

Threaded plate: 2x plastic

Ballast: LED NLE 80W 110-240V/7Ah/1.5h/

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

Drilled holes: 3 x M25

Stopping plug material: Polyamide, black

Example Type: 6409/4148-5101-162-1110-11-850011 | Art. No. 271004

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