

## Emergency luminaire With LED GRP



### Technical Data

#### General:

Product Type: 6409/4148-5201-160-LLL0-22-850011

#### 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: 110 ... 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 ... +60 °C

#### 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: 3 h emergency lighting operation

Emergency light output: 20% – 3.0 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: Only battery

**Components:**

Threaded plate: 2x SS430 stainless steel

Ballast: LED NLE 80W 110-240V/7Ah/3.0h/

Through wiring: without

Drilled holes: 3 x M20

Stopping plug material: Polyamide, black

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