

## Local, Caution Spotlight Fittings BAJ52-20 Series Explosion-proof Emergency Light Fittings



- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Class I, Zone 1 and Zone 2
  - Class I, Division 1, Groups C, D
- ◆ Enclosure in Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021).
- ◆ Lighting angle can be adjusted.
- ◆ Low-power halogen tungsten lamps, with reflector to increase lighting intensity.
- ◆ Emergency device with Ni-MH batteries, charging automatically; when power supply is cut off, the emergency device starts to work; with overcharge and overdischarge protection.
- ◆ Toughened glass cover resistant to temperature changes.



Zones 1&2

## Local, Caution Spotlight Fittings

### BAJ52-20 Series Explosion-proof Emergency Light Fittings

#### Technical data

#### Explosion-proof emergency light fittings BAJ52-20

##### Explosion protection

Global (IECEX)	IECEX CQM 08. 0001
Gas and dust	Ex d IIB T4
Europe (ATEX)	LCIE 07 ATEX 6086
Gas and dust	Ⓔ II 2 G Ex d IIB T4

##### Certificates

IECEX; ATEX

##### Conformity to standards

EN 60079-0, EN 60079-1  
IEC 60079-0, IEC 60079-1

##### Material

Enclosure	Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021)
Exposed fastener	Stainless steel

##### Rated voltage

220~240V AC 50/60Hz

##### Lamp

Available lamp	Halogen tungsten lamp (LED on request)
Lamp power (W)	2 x 10W (LED lamp power: 2 x 1W)
Emergency time	90min
Rated luminous flux	Halogen tungsten lamp: 2 x 100lm (LED lamp: 2 x 90lm)

##### Battery

Description	Ni-MH battery
Rated capacity	6Ah
Rated voltage	6V
Charging current	300mA
Discharging current	1000mA
Charging time	24h

##### Degree of protection

IP65

##### Ambient temperature

-20°C~+55°C

##### Terminal

3 x 1.5~2.5mm<sup>2</sup> (L+N+PE)

##### Cable entries

2 x M25 x 1.5 plugs

##### Cable gland (optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~31.

##### Weight

5.05kg



#### Dimension drawings (all dimensions in mm) - subject to alteration

