

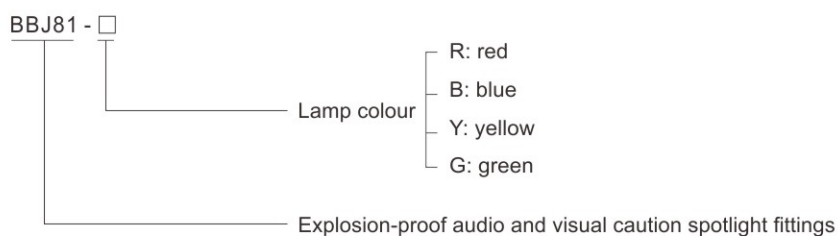
Local, Caution Spotlight Fittings

BBJ81 Series Explosion-proof Audio and Visual Caution Spotlight Fittings



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups A, B, C, D
- ◆ Ultra-bright LED lamp, low power consumption and long service life.
- ◆ Lamp colours: red, blue, yellow, green.
- ◆ Enclosure in Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021).

Catalogue number logic



Selection table

Type/Ordering code	Weight(kg)
BBJ81-R	2.60
BBJ81-B	2.60
BBJ81-Y	2.60
BBJ81-G	2.60

Zones 1&2; 21&22

Local, Caution Spotlight Fittings

BBJ81 Series Explosion-proof Audio and Visual Caution Spotlight Fittings

Technical data

Explosion-proof audio and visual caution spotlight fittings BBJ81-□

Explosion protection

Global (IECEX)

IECEX CQM 12.0035X

Gas and dust

Ex db ib IIC T6 Gb

Ex tb IIIC T80°C Db

Europe (ATEX)

LCIE 11 ATEX 3111X

Gas and dust

Ex II 2 G Ex d ib IIC T6 Gb

Ex II 2 D Ex t IIIC T80°C Db IP66

Certificates

IECEX; ATEX; CU-TR

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-11, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-11, IEC 60079-31

Material

Enclosure

Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021)

Transparent cover

Toughened glass, stands 4J impact

Exposed fastener

Stainless steel

Rated voltage

IECEX: 220~240V AC 50/60Hz; 100~120V AC 50/60Hz; 24V DC/AC

ATEX: 220~240V AC 50/60Hz; 24V DC/AC

Lamp

Lamp specification

LED

Lamp power (W)

5W

Lamp colour

Red, blue, yellow, green

Flash frequency

70 (times/min)

Sound intensity

85~105dB (R=1m)

Earthing protection

M5 (internal & external earth bolts)

Degree of protection

IP66

Ambient temperature

-40°C~+55°C

Terminal

3 x 1.5~2.5mm² (L+N+PE)

Cable entries

3 x M25 x 1.5 plugs

Cable gland (optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/22~31.



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

