

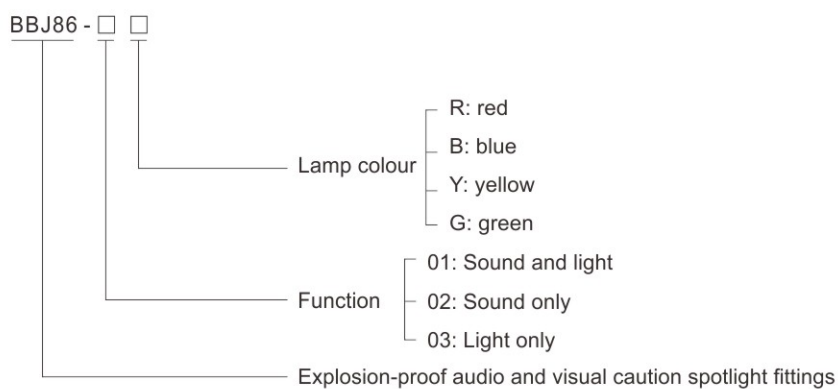
Local, Caution Spotlight Fittings

BBJ86 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	Rated power (W)	Weight (kg)	Type/ Ordering code	Rated power (W)	Weight (kg)	Type/ Ordering code	Rated power (W)	Weight (kg)
BBJ86-01R	45W	4.70	BBJ86-02	35W	3.20	BBJ86-03R	10W	3.45
BBJ86-01B	45W	4.70				BBJ86-03B	10W	3.45
BBJ86-01Y	45W	4.70				BBJ86-03Y	10W	3.45
BBJ86-01G	45W	4.70				BBJ86-03G	10W	3.45

Zones 1&2; 21&22

Local, Caution Spotlight Fittings

BBJ86 Series Explosion-proof Audio and Visual Caution Spotlight Fittings

Technical data

Explosion-proof audio and visual caution spotlight fittings

BBJ86-□□

Explosion protection

Global (IECEX)

Gas and dust

Europe (ATEX)

Gas and dust

IECEX PCET 24.0028X

Ex db IIC T6 Gb

Ex tb IIIC T80°C Db

ATEX (applied for)

Ex II 2 G Ex db IIC T6 Gb

Ex II 2 D Ex tb IIIC T80°C Db

IECEX; ATEX

Certificates

Conformity to standards

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

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

Material

Enclosure

Transparent cover

Exposed fastener

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

Toughened glass, stands 4J impact

Stainless steel

Rated voltage

100~277V AC 50/60Hz; 130~250V DC; 12~48V AC/DC

Lamp

Lamp specification

Lamp power (W)

LED

45W, 35W, 10W

Lamp colour

Red, blue, yellow, green

Flash frequency

150~160 (times/min)

Sound intensity

110~120dB (R=1m)

Earthing protection

M5 (internal & external earth bolts)

Degree of protection

IP66

Ambient temperature

-60°C~+60°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

