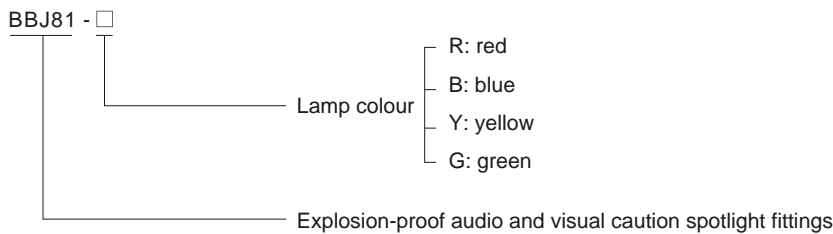




Local, Caution Spotlight Fittings BBJ81 Series Explosion-proof Audio and Visual Caution Spotlight Fittings

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Ultra-bright LED lamp, low power consumption and long service life.
- ◆ Four lamp colours: red, blue, yellow, green.
- ◆ Enclosure in copper-free aluminium, powder coated external 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 |

Note: The product is supplied according to "Type/Ordering code" in the table with mounting accessories.

Zones 1&2; 21&22

Technical data

Explosion-proof audio and visual caution spotlight fittings

BBJ81-□

Explosion protection

Gas explosion protection
 Dust explosion protection

⊕ II 2 G Ex d ib IIC T6 Gb
 ⊕ II 2 D Ex t IIIC T80°C Db IP66

Certificates

LCIE 11 ATEX 3111X; FM (USA); GOST.R (Russia); IECEx

Conformity to standards

EN 60079-0: 2009, EN 60079-1: 2007, EN 60079-11: 2007, EN 60079-31: 2009
 IEC 60079-0: 2007, IEC 60079-1: 2007, IEC 60079-11: 2006, IEC 60079-31: 2008

Material

Enclosure
 Transparent cover
 Exposed fastener

Copper-free aluminium, powder coated external surface, yellow (RAL1021)
 Toughened glass, stands 4J impact
 Stainless steel

Rated voltage

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

Lamp

Lamp specification
 Lamp power (W)

LED
 5W

Lamp colour

Red, blue, yellow, green

Flash frequency

150 (times/min)

Sound intensity

100~120dB (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

4 x M25 x 1.5 plug

Cable gland (optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

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

