

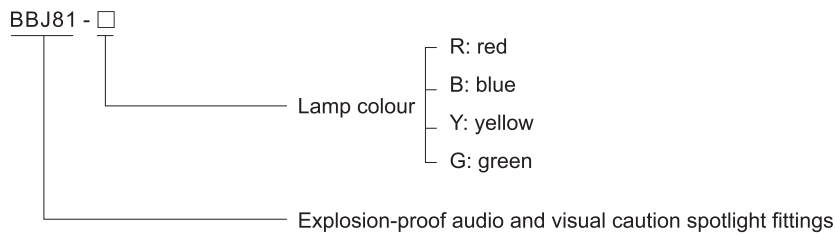
## Local, Caution Spotlight Fittings

### 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, 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	
<b>Explosion-proof audio and visual caution spotlight fittings BBJ81-□</b>	
<b>Explosion protection</b>	<p>Gas explosion protection <math>\text{Ex}</math> II 2 G Ex d ib IIC T6 Gb</p> <p>Dust explosion protection <math>\text{Ex}</math> II 2 D Ex t IIIC T80°C Db IP66</p>
<b>Certificates</b>	LCIE 11 ATEX 3111X; IECEx CQM 12.0035X; RU C-CN.ГБ05.В.00344 (CU-TR)
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-11, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-11, IEC 60079-31
<b>Material</b>	
Enclosure	Copper-free aluminium, powder coated surface, yellow (RAL1021)
Transparent cover	Toughened glass, stands 4J impact
Exposed fastener	Stainless steel
<b>Rated voltage</b>	220~240V AC 50/60Hz; 24V DC/AC
<b>Lamp</b>	
Lamp specification	LED
Lamp power (W)	5W
<b>Lamp colour</b>	Red, blue, yellow, green
<b>Flash frequency</b>	150 (times/min)
<b>Sound intensity</b>	100~120dB (R=1m)
<b>Earthing protection</b>	M5 (internal & external earth bolts)
<b>Degree of protection</b>	IP66, IP67 (optional)
<b>Ambient temperature</b>	-40°C~+55°C
<b>Terminal</b>	3 x 1.5~2.5mm <sup>2</sup> (L+N+PE)
<b>Cable entries</b>	3 x M25 x 1.5 plugs
<b>Cable gland (optional)</b>	DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~27.

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

