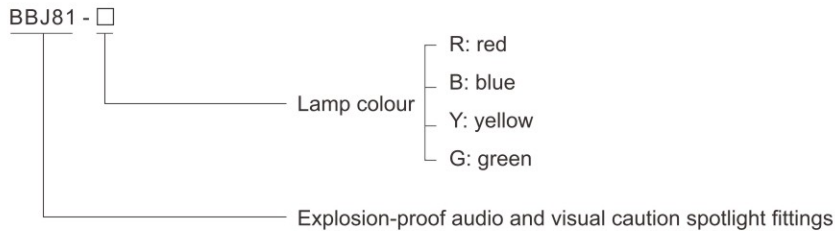


Local, Caution Spotlight Fittings BBJ81 Series Explosion-proof Audio and Visual Caution Spotlight Fittings



- ◆ 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

Note: Standard products are integrated acoustic-optical type. If separate acoustic and optical units are required, please specify when placing your order.

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	⊕ II 2 G Ex d ib IIC T6 Gb ⊕ 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	3×1.5~2.5mm ² (L+N+PE)
Cable entries	3×M25×1.5 plugs
Cable gland (optional)	DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P6/24~39.



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

