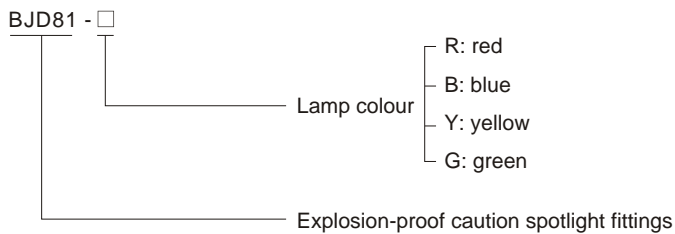




## Local, Caution Spotlight Fittings BJD81 Series Explosion-proof Caution Spotlight Fittings

- ◆ 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.
- ◆ Lamp colour: 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)
BJD81-R	2.50
BJD81-B	2.50
BJD81-Y	2.50
BJD81-G	2.50

**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 caution spotlight fittings      BJD81-□**

<b>Explosion protection</b>	<p>Gas explosion protection      <math>\text{Ex}</math> II 2 G Ex d 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 3109X; FM (USA); GOST.R (Russia); IECEx
<b>Conformity to standards</b>	EN 60079-0: 2009, EN 60079-1: 2007, EN 60079-31: 2009 IEC 60079-0: 2007, IEC 60079-1: 2007, IEC 60079-31: 2008
<b>Material</b>	
Enclosure	Copper-free aluminium, powder coated external 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)	3W
<b>Lamp colour</b>	Red, blue, yellow, green
<b>Flash frequency</b>	150 (times/min)
<b>Earthing protection</b>	M5 (internal & external earth bolts)
<b>Degree of protection</b>	IP66
<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>	4 x M25 x 1.5 plug
<b>Cable gland (optional)</b>	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**

