# 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

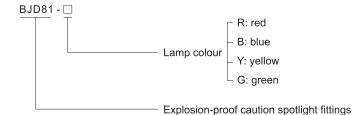
Zone 21 and Zone 22

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 colour: red, blue, yellow, green.
- Enclosure in copper-free aluminium, powder coated 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

# Zones 1&2; 21&22

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

## **Technical data**

#### **Explosion-proof caution spotlight fittings** BJD81-□

### **Explosion protection**

Gas explosion protection

Dust explosion protection

Certificates

Conformity to standards

Material

Enclosure

Transparent cover

Exposed fastener

Rated voltage

Lamp

Lamp specification Lamp power (W)

Lamp colour

Flash frequency

**Earthing protection** 

Degree of protection

Ambient temperature

Terminal

Cable entries

Cable gland (optional)

⟨Ex⟩ II 2 G Ex d IIC T6 Gb

II 2 D Ex t IIIC T80 ℃ Db IP66

LCIE 11 ATEX 3109X; IECEx CQM 12.0038X; RU C-CN.ГБ05.В.00344 (CU-TR)

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

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

Copper-free aluminium, powder coated surface, yellow (RAL1021)

Toughened glass, stands 4J impact

Stainless steel

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

LED

3W

Red, blue, yellow, green

150 (times/min)

M5 (internal & external earth bolts)

IP66, IP67 (optional)

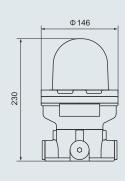
-40℃~+55℃

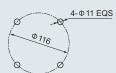
3 x 1.5~2.5mm2 (L+N+PE)

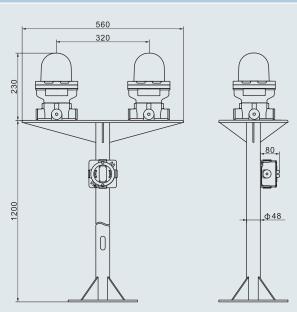
4 x M25 x 1.5 plugs

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







Drawings of main (spare) caution spotlight fittings

The light fitting consists of two completely independent lamp circuit boards which can control the main and spare lamps respectively. Generally, the main lamp is working. If the main lamp is damaged, the spare lamp will be started automatically to be substituted for main lamp.

General Catalogue 01.01.2016 2/169 http://www.waromgroup.com