

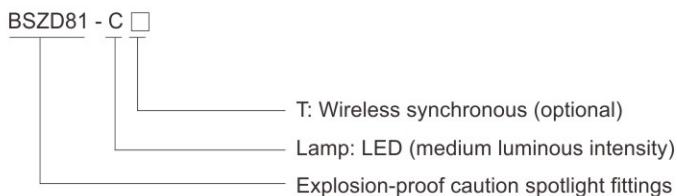
Local, Caution Spotlight Fittings

BSZD81-C Series Explosion-proof Caution Spotlight Fittings

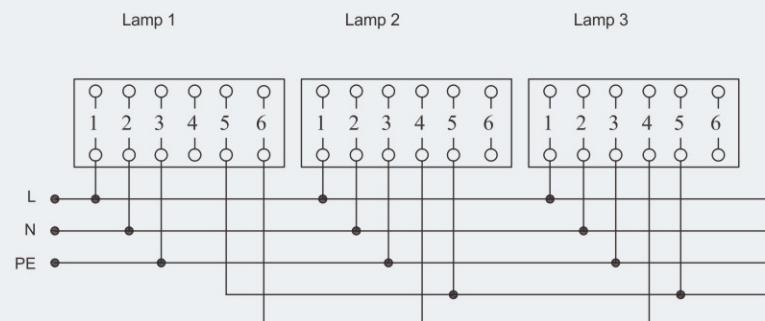


- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Ultra-bright LED lamp, low consumption and long service life up to 30,000 hours, integrated chip control with various circuit protection.
- ◆ Synchronous flashing of light fittings through signal lines.
- ◆ Enclosure in Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021).

Catalogue number logic



Wired sync connection diagram



Zones 1&2; 21&22

Local, Caution Spotlight Fittings

BSZD81-C Series Explosion-proof Caution Spotlight Fittings

Technical data

Explosion-proof caution spotlight fittings BSZD81-C □

Explosion protection

Global (IECEx) IECEx CQM 11.0026X

Gas and dust Ex d e IIC T6 Gb

Ex tb IIIC T80°C Db IP65

EUT 14 ATEX 1155

Ex II 2 G Ex d e IIC T6 Gb

Ex II 2 D Ex tb IIIC T80°C Db IP65

IECEx; ATEX

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

Certificates

Conformity to standards

Material

Enclosure Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021)

Transparent cover Toughened glass, stands 4J impact

Exposed fastener Stainless steel

Rated voltage

100V, 110V, 120V, 127V, 220V, 230V, 240V AC 50/60Hz

Lamp

Lamp specification LED

Lamp power (W) 40W (continuous work)

Lamp colour

Red

> 2000cd

16, 20, 30, 40, 60, 80, 120, 240 (times/min)

M5 (internal & external earth bolts)

IP65

-40°C~+55°C

3 x 1.5~2.5mm² (L+N+PE)

4 x M25 x 1.5 plugs

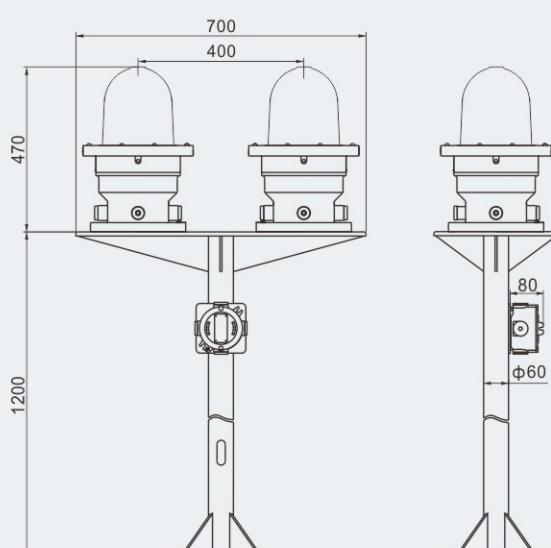
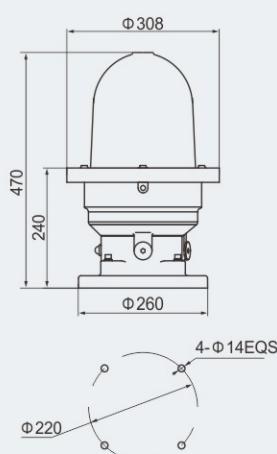
DQM-I (Ex e) is recommended. Please see P7/19~21.

Weight

13.8kg



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



Drawings of main (spare) caution spotlight fittings

Note: The light fitting consists of two completely independent photoelectric control systems which can control the main and spare lamps respectively. Generally, the main lamp is used for night lighting, and it will be shut down automatically during the day. If the main lamp is damaged, the spare lamp will be started automatically to be substituted for main lamp.