

Explosion Proof Low Intensity Obstruction Light 200 cd

Certificates



Applications

The Q-Explosion Proof Low Intensity Obstruction Light 200 cd is an ICAO, CAP437, and CAP168 compliant 200 cd obstruction light for hazardous areas up to zone 1. The obstruction light is available in several configurations such as 100-240 VAC and 24 VDC.

Technical Specifications

- Application: Obstruction lighting
- Hazardous Area: Zone 1 and 2
- Classification: Class 1 and 2
- Light Source: LED, steady burning
- Light Color: Red, 630nm
- Light Intensity: 200 cd
- Vertical Beam Profile: as per CAP437/CAP168/ICAO
- Color Chromaticity: as per CAP437/CAP168/ICAO
- Enclosure: Aluminum, powder coated
- Mounting: Rigid, 4x M8
- Input Voltage: 1) 100-240 VAC, 50-60 Hz
2) 24 VDC
- External Earthing: up to 4mm² / AWG 12
- Ambient Temp: -13°F to +140°F (-25° to +60° C)
- In Compliance With: CAP437/CAP168/ICAO
- Cable Glands Included: 2 x M25x1.5
- Cable Stops Included: 1 x M25x1.5
- Cable Outer Dimension: 12 - 19mm
- Consumption: 10 Watt
- Life Expectancy: 100,000+ hours
- Cable type: H07RN-F 3x2.5mm²
- IP Index: IP 66
- Weight: 9.26 lb. (4.20 kg)
- Dimensions: 7.2" x 7.2" x 5.9" (183x183x150mm) (LxWxH)
- Packaging Dimension: 7.87" x 7.87" x 7.87" (200x200x200mm) (LxWxH)

Ordering Codes

Part Number	Input Power
Q83RI01: Explosion Proof Low Intensity Obstruction Light 200 cd	11: 100-240 VAC 12: 24 VDC



Certification

Explosion Proof Obstruction Light

Atex Certificate: ITS18ATEX103970X

IECEX Certificate: IECEX ITS 18.0052X

Ex II 2 G Ex db op is IIC T6 Gb

Ex d IIC T6

Cable Gland (2 x included)

Atex Certificate: SIRA06ATEX1097X

IECEX Certificate: IECEX SIR 06.0039X

ATEX Ex II 2/3 GD Ex d IIC, Ex e II, Ex nR II, Ex tD A21 IP66, - Equipment Zone 1, Zone 2, Zone 21, & Zone 22 - Gas Groups IIA, IIB, IIC, ATEX Ex IM2, Ex d I, Ex e I

Cable Stop (1 x included)

Atex Certificate: CML18ATEX1320X

IECEX Certificate: IECEX CML 18.0177X, IECEX SIM 15.0002X

Ex III 2G 1D Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da

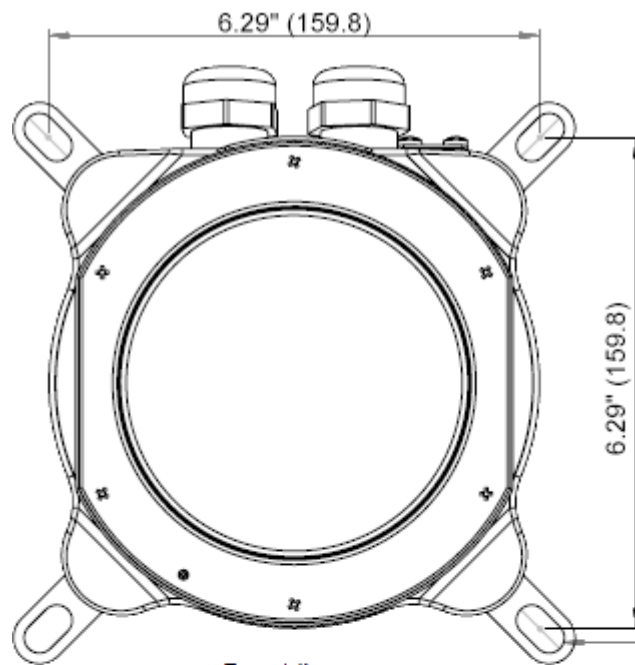
Ex I M2 Ex db I Mb, Ex eb I Mb

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Dimensions



4X Ø 10 Mounting hole, Mount M8

