

Q-Aviation Lighting / Obstruction Lighting / Explosion Proof Obstruction Light Low Intensity 32 cd

## EXPLOSION PROOF OBSTRUCTION LIGHT LOW INTENSITY 32 CD



### TECHNICAL DETAILS

Application:	Obstruction lighting
Hazardous Area:	Zone 1 and 2
Classification:	Class 1 and 2
Light Source:	LED, steady burning
Light Colour:	Red 630Nm
Light Intensity:	32 cd
Vertical Beam Profile:	as per CAP437/CAP168/ICAO/FAA
Colour chromaticity:	as per CAP437/CAP168/ICAO/FAA
Enclosure:	Aluminium, Powder coated
Mounting:	Rigid, 4x M8
Input Voltage:	1) 100-240 Vac 50-60 Hz 2) 24 Vdc
External Earthing:	up to 4mm <sup>2</sup>
Ambient Temp:	-25° to +60° C
In Compliance With:	CAP437/CAP168/ICAO/FAA
Cable glands included:	2 x M25x1.5, see page 2
Cable stops included:	1 x M25x1.5, see page 2
Cable Outer Dimension:	11,1 - 20,0 mm
Consumption:	5 Watt
Life expectancy:	100.000+ hours
IP index:	IP 67
Weight:	2.20 kg
Dimensions:	183x183x155 mm (LxWxH)
Packaging dimension:	200x200x200 mm (LxWxH)

### CERTIFICATES



### DESCRIPTION

The Q-Explosion Proof Obstruction Light Low Intensity 32 cd is a ICAO & CAP437 & CAP168 compliance 32 cd Obstruction light for hazardous areas up to zone 1 for. The Q-Explosion Proof Obstruction Light is available in several configurations such as 100-240 Vac and 24 Vdc.

### ORDER CODE

**Q81RI01** – Explosion Proof Obstruction Light Low Intensity 32 cd

**Q81RI01**

**11**

**R1**

- 11** Input power: 100-240 Vac
- 12** Input power: 24 Vdc

## CERTIFICATION

### EXPLOSION PROOF OBSTRUCTION LIGHT

Atex Certificate: ITS18ATEX103970X

IECEX Certificate: IECEX ITS 18.0052X

⊕ II 2 G Ex db op is IIC T6 Gb

⊕ Ex d IIC T6

#### Cable Gland (2 x Included)

Atex Certificate: SIRA13ATEX1068X, SIRA13ATEX4074X

IECEX Certificate: IECEX SIR 13.0023X, IECEX SIM 14.0006

⊕ II 2G, II 1D Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da

⊕ II 3G Ex nR IIC Gc I M2 Ex d I Mb, Ex e I Mb

Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex d I Mb, Ex e I Mb

#### Cable Stop (1 x Included)

Atex Certificate: SIRA13ATEX1265X

IECEX Certificate: IECEX SIR 13.0094X, IECEX SIM 15.0002X

⊕ II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da

⊕ IM2 Ex d I Mb, Ex e I Mb

Ex d I Mb, Ex e I Mb; Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da

## MAIN DIMENSIONS

The main dimensions and mounting are displayed dimensions in the image below:

