

Q-Explosion Proof Status Light

Certificates



Applications

The Q-Explosion Proof Status Light is a CAP437 compliant (750 cd, 120 FPM) flashing light for all offshore facilities. The fixture must be controlled via the Status Light Controller.

Technical Specifications

- Application: Helideck
- Hazardous Area: Zone 1 and 2
- Classification: Class 1 and 2
- Light Color: Red, 630nm
- Light Source: LED, flashing 120 FPM
- Light Intensity: 750 cd
- Vertical Beam Profile: as per CAP437
- Color Chromaticity: as per CAP437
- Mounting: Rigid, 4x M8
- Input Voltage: 24 VDC (from controller)
- External Earthing: up to 4mm²
- Ambient Temp: -4°F to +131°F (-20° to +55° C)
- In Compliance With: CAP437
- Cable Glands Included: 1 x M25x1.5
- Cable Stops Included: 1 x M25x1.5
- Cable Outer Dimension: 11.1 - 20.0mm
- Consumption: 40 Watt
- Life Expectancy: 100,000+ hours
- IP Index: IP 67
- Enclosure: Aluminum, powder coated
- Weight: 19.4 lb. (8.80 kg)
- Dimensions: 9.96" x 9.96" x 6.18" (253x253x157mm) (LxWxH)
- Packaging Dimension: 11.81" x 11.81" x 7.87" (300x300x200mm) (LxWxH)

- A) This product must be connected to the Q14RI03C Status Light Controller. The controller is sold separately.
- B) When a complete helideck package is offered, the Status Light Controller can be built into the Q-Control X Series.

Ordering Codes

Part Number
Q14RI01: Q-Explosion Proof Status Light
Q14RI03: Safe Area Status Light



Certification Status Light

Atex Certificate: ITS10AYEX17055X
 IECEx Certificate: IECEx ITS 10.0041X
 Ex II 2 G Ex d IIB T5
 Ex d IIB T5

Cable Gland

Atex Certificate: SIRA13ATEX1068X, SIRA13ATEX4074X
 IECEx Certificate: IECEx SIR 13.0023X, IECEx SIM 14.0006
 Ex II 2G, II 1D Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da
 Ex 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

Intertek Light Output Test

Intertek Report No. 100224354CRT-001

Cable Stop

Atex Certificate: SIRA13ATEX1265X
 IECEx Certificate: IECEx SIR 13.0094X, IECEx SIM 15.0002X
 Ex II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da
 Ex 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

Dimensions

