

# Q-Explosion Proof Helideck Floodlight



## Certificates



## Applications

The Q-Explosion Proof Helideck Floodlight is a CAP437 compliant 5,000 cd floodlight for hazardous areas and is available in several configurations such as 100-240 VAC and 24 VDC.

## Technical Specifications

- Application: Helideck
- Hazardous Area: Zone 1 and 2
- Classification: Class 1 and 2
- Light Source: LED, steady burning
- Light Color: White (5700K)
- Light Intensity: 5,000 cd
- Vertical Beam Profile: as per CAP437/ICAO
- Color Chromaticity: as per CAP437/ICAO, 5700K
- Enclosure: Aluminum, powder coated (RAL 5015) / borosilicate glass
- Mounting: Rigid, 4 x M8
- Input Voltage: 1) 100-240 VAC, 50-60 Hz  
2) 24 VDC
- External Earthing: up to 4mm<sup>2</sup> / AWG 12
- Ambient Temperature: -13° to +140° F (-25° to +60° C)
- In Compliance With: CAP437
- Cable Glands Included: 2 x M25x1.5
- Cable Stops Included: 1 x M25x1.5
- Cable Outer Dimension: 12 - 19mm
- Consumption: 6 Watt
- Life Expectancy: 100,000+ hours
- Cable Type: H07RN-F 3x2, 5mm<sup>2</sup>
- Warranty: 2 Years
- IP Index: IP 67
- Weight: 9.26 lb. (4.2 kg)
- Dimensions: 10.04" x 6.26" x 6.61" (255x159x168mm) (LxWxH)
- Packaging Dimension: 9.84" x 9.84" x 9.84" (250x250x250mm) (LxWxH)

## Ordering Codes

Part Number	Input Power
Q12R101: Q-Explosion Proof Helideck Floodlight	11: 100-240 VAC 12: 24 VDC

## Certification

### Explosion Proof Floodlight

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: 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

### Cable Stop (1 x Included)

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

