

# L85EX-B-DC

## Explosion proof LED blue helideck perimeter light

A new generation of explosion proof LED helideck perimeter lights to meet the demanding requirements of offshore environmental conditions. The design is based on low power long life LED technology and use of stainless steel.



### KEY FEATURES

- Reliable helideck perimeter light
- Low cost of ownership
- Low power consumption
- Serviceable unit, parts are interchangeable
- Certified for Zone 1 areas with increased gas explosion hazard
- Compact design, meeting the maximum 150mm height restrictions of IMO
- Impact resistant dome and stainless steel 316 body
- Spacious, easy to open cable connection compartment

### PERFORMANCE CHARACTERISTICS

- Steady burning; blue
- Intensity: 10cd
- Horizontal beam coverage: 360°
- Colour chromaticity within the boundaries as specified by ICAO
- Light source: LED (100,000 hours average life)

### STANDARDS/CERTIFICATION

- In line with API (American Petroleum Institute), Recommended practice for Planning, Designing, and Constructing Heliports for Fixed Offshore Platforms; RP 2L, 1996, chapter 5.10
- In line with API (American Petroleum Institute), Recommended practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class 1, Zone 0, Zone 1 and Zone 2 Locations; RP 14FZ, 2001, chapter 9.5.6
- Cenelec EN 60079-0, EN 60079-7 and EN 60079-18
- SIR A 12ATEX3066; ATEX Ex II 2G Ex e mb IIC T4 Gb
- IEC 60079-0, IEC 60079-7 and IEC 60079-18
- IECEx SIR 12.0026; Ex e mb IIC T4 Gb
- NCC 12.1223; Ex e mb IIC T4 Gb

### ELECTRICAL CHARACTERISTICS

- Operating voltage: 20-30Vdc
- Power consumption: 4W
- Connection details: M4; two M25x1.5 cable entries
- Earth connection: internal M4 and external M6

### PHYSICAL CHARACTERISTICS

- Dimensions (L x W x H): 161 x 161 x 111mm
- Weight: 3.6kg
- Design degree of protection: IP66
- Operating temperature range: -40°C to +60°C

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