

# L85EX-R-DC-32 repeater light

Explosion proof red helideck status repeater light

LED red helideck status repeater light 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. These fittings meet the regulatory requirements for CAP437.



## KEY FEATURES

- Reliable helideck status repeater 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
- Robust, Electropolished stainless steel 316, light weight design
- Photometric test of independent institution
- Spacious, easy to open cable connection compartment

## PERFORMANCE CHARACTERISTICS

- Flashing: red (Flashing arranged by external control panel)
- Intensity: 16cd minimum (all angles above horizon)
- Horizontal coverage: 360°
- Vertical beam profile: As per ICAO
- Red light, chromaticity within the boundaries as specified by ICAO
- Light source: LED (100,000 hours average life)

## STANDARDS/CERTIFICATION

- Complies with CAA-UK CAP 437; Offshore helicopter landing areas – Guidance on standards, 9<sup>th</sup> edition,
- Cenelec EN 60079-0, EN 60079-7 and EN 60079-18
- SIRA 12ATEX3066; ATEX [expr] 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: 5W
- 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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