

L85EX-R-32-AC


Explosion proof aeronautical obstruction light

A new generation of LED low intensity aeronautical obstruction 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. These fittings meet the regulatory requirements for ICAO and IMO.

Key features

- Reliable low intensity aeronautical obstruction 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 max. 150 mm height restrictions of IMO
- High impact resistant dome (guard optional) and stainless steel body
- Photometric test report of independent institution
- Spacious, easy to open cable connection compartment

Standards/Certification

- Complies with ICAO Annex 14, volume I; International standards and recommended practices: Aerodrome design and operations, 5th Edition, November 2009, chapter 6.3.2 – Type A and B low intensity obstacle light
- Complies with IMO standard (International Maritime Organisation), MODU code 2009 (Edition 2010), chapter 13.5.24
- Cenelec EN 60079-0, EN 60079-7 and EN 60079-18
- SIRA 12ATEX3066 X; ATEX  II 2G Ex e mb IIC T4 Gb according to ATEX Directive 94/9/EC
- Cenelec IEC 60079-0, IEC 60079-7 and IEC 60079-18
- IECEX SIR 12.0026 X; Ex e mb IIC T4 Gb

Performance characteristics

- Steady burning; Red
- Intensity: 32 cd minimum (Between 3-13°)
- Horizontal coverage: 360°
- Vertical beam profile: As per ICAO
- Red light, chromaticity within the boundaries as specified by ICAO
- Light source: LED Approx. 100,000 hours average life expectancy

Electrical characteristics

- Operating voltage: 100-254 Vac ; 50-60 Hz
- Power consumption: Approx. 5.5W (7VA)
- Connection details: max. 4 mm²; two M25x1.5 cable entries
- Earth connection: internal 4-6 mm² and external M6

Physical characteristics

- Dimensions (L x W x H) 161 x 161 x 111 mm
- Weight: 3.6 kg
- Degree of protection: IP66
- Operating temperature range: -50°C to +45°C
- Stainless steel body and impact resistant dome
- Quick opening for cable connection by 4 stainless steel retaining bolts

