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L425EX-700

Explosion proof LED helideck status (wave-off) light.

Explosion proof ATEX certified LED helideck status (wave-off) light meeting CAP437 requirements. Long life LEDs and light weight design, which incorporates stainless steel mounting facilities and low profile design (<250mm), makes product ideal for easy installation and long maintenance intervals.

KEY FEATURES

- High intensity warning beacon
- Suitable for Zone 1 and Zone 2 areas with gas explosion hazard
- Intensity min. 700cd between a vertical angle from 2° to 10°, min. 176cd outside this angle
- Low profile design (<250mm) allows direct mounting on helideck
- Offshore resistant, high quality coating on cast light alloy base
- Stainless steel mounting facilities to prevent corrosion problems, and integrated junction box
- State of the art high power LEDs and technology provide superior life and reliability
- Photometric test report of independent institution
- Low power consumption due to efficient optical design

SYSTEM DESIGN, CONTROL AND MONITORING

- Control, operation and fault monitoring via separate system control
- Remote control annunciation panel (optional)

STANDARDS/CERTIFICATION

- Certified to CAA-UK CAP 437 8th edition Helideck status light paragraph 4.25 and 4.26, in conjunction with separate control panel
- Complies with ICAO Annex 14, Volume I, Appendix I, July 2004, Figure A1-1 – Colours for aeronautical ground lights
- Complies with IMO MODU CODE 2009 (Resolution A.1023 (26)); Code for the construction and equipment of mobile offshore drilling units, chapter 13, paragraph 13.5.26 – Status lights
- Cenelec EN 60079-0, EN 60079-7 and EN 60079-11
- KEMA 10ATEX0128; Ex II 2G Ex e [ib] IIC T5 Gb
- IEC 60079-0, IEC 60079-7 and IEC 60079-11
- IECEx KEM 10.0052; Ex e [ib] IIC T5 Gb
- ABNT NBR IEC 60079-0, ABNT NBR IEC 60079-7 and ABNT NBR IEC 60079-11 (optional)
- Inmetro NCC 13.1779 (optional)

PERFORMANCE CHARACTERISTICS

- Flashing; red
- Flash frequency 2Hz for a single main light system; or alternating 1Hz per light for a double main light system
- Effective intensity: 700cd minimum; 60cd maximum in dim mode
- Horizontal beam coverage: 360°
- Vertical beam profile: in compliance with above mentioned CAA requirements
- Colour chromaticity within the boundaries as specified by ICAO

ELECTRICAL CHARACTERISTIC

- Operating voltage: DC voltage from status light control panel
- Power consumption: 30W average when active
- Connection details: max. 4mm²; one entry for M25 gland
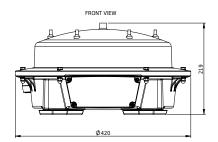- Earth connection: internal max. 4mm° and external M4
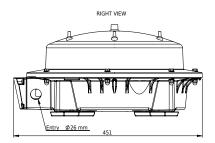
PHYSICAL CHARACTERISTICS

- Dimensions (L x W x H): 451 x 420 x 219mm
- Weight: 13.5kg
- Degree of protection: IP66
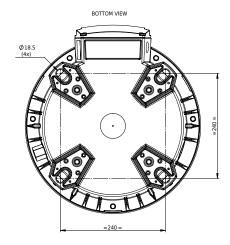- Operating temperature range: -40°C to +55°C

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FRONT VIEW

219

Ø420

RIGHT VIEW

Entry   Ø26 mm   451

BOTTOM VIEW

Ø18.5
(4x)

=240=

=240=

All values mentioned in this document are typical values.
Document can be subject to modifications, without prior notice.
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