

L304EX-C-400

Explosion proof main marine lantern (15Nm)

Explosion proof main marine lantern, designed to provide 15 nautical miles white omni-directional visual coverage. For offshore structures and for connection to the Orga Navaid's Central Control panel (NCCP) concept.



Key features

- Reliable Marine Navigation Light, low cost of ownership and low power consumption
- Special low power design for use with Renewable Energy Systems
- Suitable for Zone 1 and Zone 2 areas with gas explosion hazard
- Designed to work in conjunction with Navaid Central Control Panel (NCCP) concept
- Light weight, strong and corrosion free body
- Intelligent Passive Heat Management System for increased reliability including a closed housing and no fan
- Non metallic UV and humidity resistant base, including quick release clamps for easy maintenance
- Injection molded UV resistant lens

Standards/Certification

- Complies with UK Department for Transport; Standard marking schedule for offshore installations – Dec. 1994, chapter 3.1 – Main marine lantern
- Cenelec EN 50014 and EN 50019
- KEMA 05ATEX2028 X; ATEX Ⓜ II 2G EEx e II T3 according to ATEX Directive 94/9/EC

Performance characteristics

- Flashing clear light, Morse code 'U' every 15 seconds by Navaid Central Control Panel (NCCP)
- Effective intensity: 12,000cd minimum (equals 15NM at ATF=0.74)
- Horizontal beam coverage: 360°
- Vertical beam profile: 2.5° minimum
- High efficiency clear Fresnel lens

Electrical characteristics

- Operating voltage: 120Vac nominal; 400Hz; 'U' coded supply from Navaid Central Control Panel (NCCP)
- Power consumption: 400W / 400VA peak
- Connection details: max. 4mm²; two M25x1.5 cable gland entries
- Earth connection: internal max. 4mm²
- Lamp: 400W/120V

Physical characteristics

- Dimensions (L x W x H): 490 x 424 x 572mm
- Weight: 10kg
- Degree of protection: IP66
- Operating temperature range: -40°A°C to +40°A°C

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