

Explosion proof subsidiary marine lantern, designed to provide 3 nautical miles red omni-directional visual coverage for offshore structures. The design, with long life LEDs, makes the product ideal for the environmental conditions, easy installation and long maintenance intervals.



Key features

- Reliable marine navigation light, low cost of ownership and low power consumption
- Suitable for Zone 1 and Zone 2 areas with gas explosion hazard
- Designed to work in conjunction with Navaid Central Control Panel (NCCP) concept
- 'U'-coded power supply from Navaid Central Control Panel (NCCP) for low cable costs and failure free synchronisation
- Light weight, strong and corrosion free, easy to open body including quick release clamps for easy maintenance
- State of the art high power LEDs and technology provide superior life and reliability
- Non-metallic, seawater, UV and humidity resistant base

Standards/Certification

- Complies with UK Department for Transport; Standard marking schedule for offshore installations – Dec. 1994, chapter 3.2 – Subsidiary marine lantern
- Cenelec EN 60079-0, EN 60079-7, EN 60079-11 and EN 60079-18
- KEMA 06ATEX0227; ATEX Ⓜ II 2G Ex e [ib] mb IIC T6

Performance characteristics

- Flashing red light, Morse code 'U' every 15 seconds by Navaid Central Control Panel (NCCP)
- Effective intensity: 19cd minimum (equals 3NM at ATF=0.74 + 25% IALA service factor requirement)
- Horizontal beam coverage: 360°
- Vertical beam profile: 2.5° minimum

Electrical characteristics

- Operating voltage: 230Vac nominal; 400Hz; 'U' coded supply from Navaid Central Control Panel (NCCP)
- Power consumption: 6W / 8VA peak
- Connection details: max. 4mm²; one M25x1.5 cable gland entry

Physical characteristics

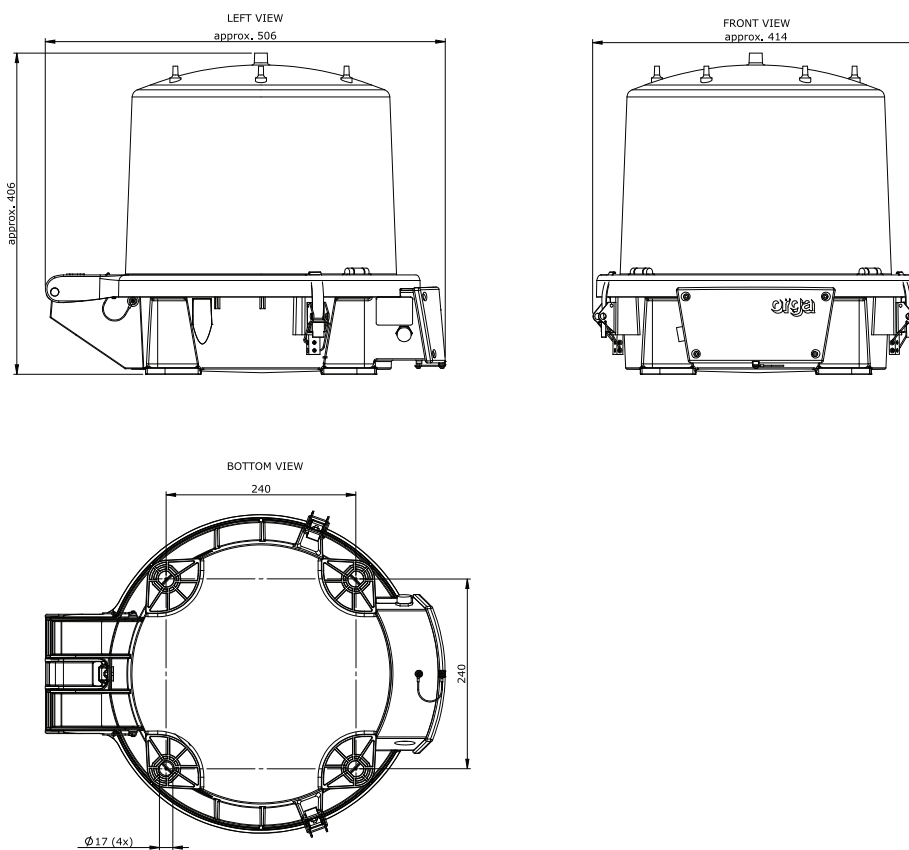
- Dimensions (L x W x H): 506 x 414 x 406mm
- Weight: 16.4kg
- Design degree of protection: IP65
- Operating temperature range: -20°C to +50°C

System design, control and monitoring

- Fault monitoring with alarm contact(s) via separate system control and monitoring box (see separate product information sheet)

L310EX-R-03

Explosion proof LED marine lantern (3Nm)



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