

## L303EX-R-H20-055

Explosion proof subsidiary marine lantern (3Nm)

**Explosion proof subsidiary marine lantern, designed to provide 3 nautical miles red 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
- 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 body
- Anti bird spike (to prevent bird fouling)
- Automatic Lamp changer with 6 lamps (1 in service, 5 in reserve) for 18,000 hours service interval, stops after last lamp used
- Non metallic UV and humidity resistant base, including quick release clamps for easy maintenance
- Injection moulded UV resistant lens

### Standards/Certification

- Complies with UK Department for Transport; Standard marking schedule for offshore installations – Dec. 1994, chapter 3.2 – Subsidiary marine lantern
- Cenelec EN 50014, EN 50018, EN 50019, EN 50028 and EN 50281-1-1
- KEMA 02ATEX2050; ATEX Ⓢ II 2G EEx edm IIB T3 according to ATEX Directive 94/9/EC

### Performance characteristics

- Flashing red light, Morse code "U" every 15 seconds by Navaid Central Control Panel (NCCP)
- Effective intensity: 15cd minimum (equals 3NM at ATF=0.74)
- Horizontal beam coverage: 360°
- Vertical beam profile: 2.5° minimum
- 300mm diameter high efficiency red 'Fresnel' lens

### Electrical characteristics

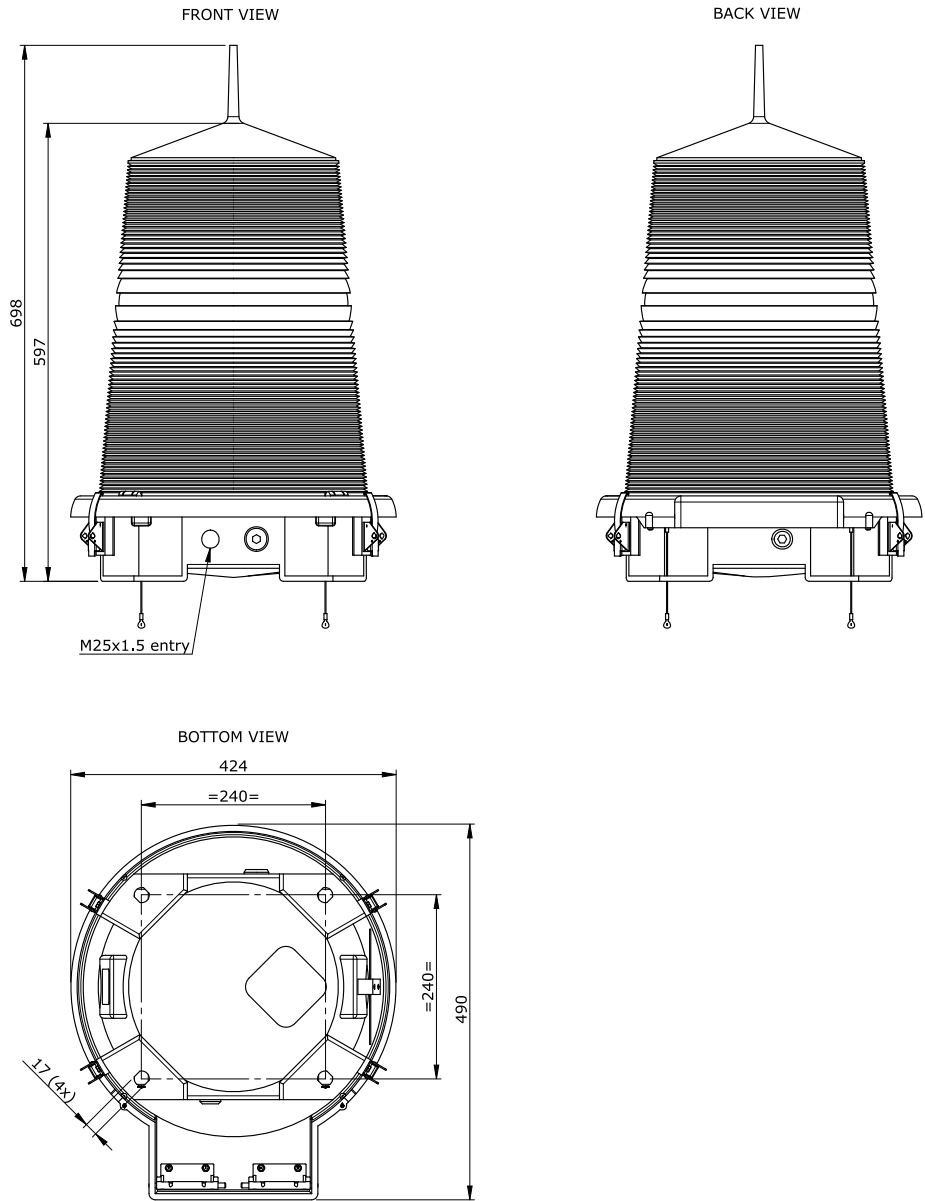
- Operating voltage: 230Vac; 400Hz; 'U' coded supply from Navaid Central Control Panel (NCCP)
- Power consumption: 8.5W / 8.5VA peak
- Connection details: max. 4mm<sup>2</sup>; two M25x1.5 cable gland entries
- Earth connection: internal M5
- Lamps: 12V/0.55A/C8/EX

### Physical characteristics

- Dimensions (L x W x H): 490 x 424 x 698mm
- Weight: 12kg
- Degree of protection: IP66
- Operating temperature range: -40°C to +40°C

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Orga BV  
Strickledeweg 13  
3125 AT SCHIEDAM  
The Netherlands

P.O. Box 3046  
3101 EA SCHIEDAM  
The Netherlands

T +31 (0)10 208 5555  
F +31 (0)10 437 8445  
info@orga.nl  
www.orga.nl