

# L410SA-R-03

## LED subsidiary marine light (3 NM)

Marine light providing 3 nautical mile 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
- Designed to work in conjunction with the Navais Central Control Panel concept
- 'U'-coded high voltage AC power supply from the Navais Central Control Panel for low cable costs and failure free synchronisation
- Offshore coated, lightweight, corrosion free, seawater, UV and humidity resistant light alloy base
- Stainless steel mounting facilities to prevent corrosion problems
- Integrated connection box
- State of the art high power LEDs and technology provide superior life and reliability
- Very low power consumption due to efficient optical design
- Anti bird spikes (to prevent bird fouling)

### STANDARDS/CERTIFICATION

- Complies with UK Department of Energy and Climate Change; Standard marking schedule for offshore installations – April 2011, chapter 3.2 – Subsidiary lights
- Complies with US Coast Guard; 33 C.F.R. Part 67 – Aids to Navigation on artificial islands and fixed structures – May 2004, Chapter 67.05-10, 67.30-5

### PERFORMANCE CHARACTERISTICS

- Flashing red light, Morse code 'U' every 15 seconds by the NCCP
- Effective intensity: 15 cd minimum (equals 3 NM at ATF=0.74)
- Horizontal beam coverage: 360°
- Vertical beam profile: 2.5° FWTM minimum

### ELECTRICAL CHARACTERISTICS

- Operating voltage: 230 Vac max.; 400 Hz; 'U' coded supply from the Navais Central Control Panel
- Power consumption: 5 W peak; 0.9 W average
- Connection details: max. 4 mm<sup>2</sup>; one M25 cable gland entry
- Earth connection: internal max. 4 mm<sup>2</sup> and external M5

### PHYSICAL CHARACTERISTICS

- Dimensions (L x W x H): 447 x 416 x 314 mm
- Weight: 21 kg
- Design degree of protection: IP66
- Operating temperature range: -40°C to +55°C

### SYSTEM DESIGN, CONTROL AND MONITORING

- Control and monitoring via separate control panel (see separate product information sheet)

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