

L410SA-W-10

LED marine light (10 NM)

Marine light providing 10 nautical mile white 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
- Coded high voltage AC power supply from 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
- Very low power consumption due to efficient optical design
- Anti bird spikes (to prevent bird fouling)

STANDARDS/CERTIFICATION

- Complies with IALA recommendation; O-139; The marking of man-made offshore structures – Dec. 2008, chapter 2.1.2 – Marine light
- Complies with UK Department of Energy and Climate Change; Standard marking schedule for offshore installations – April 2011, chapter 3.1 (f) – Secondary light
- Complies with Mining regulations of The Netherlands – Dec. 2002, Article 5.3 – Marine light
- 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, 67.20-5, 67.25-5, 67.30-5

PERFORMANCE CHARACTERISTICS

- Flashing white light, Morse code 'U' every 15 seconds by Navais Central Control Panel
- Effective intensity: 1400 cd minimum (equals 10 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 Navais Central Control Panel Power consumption: 12 W peak; 2W average
- Connection details: max. 4 mm²; one M25 cable gland entry
- Earth connection: internal max. 4 mm² and external M5

PHYSICAL CHARACTERISTICS

- Dimensions (L x W x H): 447 x 416 x 314 mm
- Weight: 21 kg
- 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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