

COMPACT SOLAR POWERED FLOATING HOSE WINKER LIGHTS UP TO 4NM OPTICAL RANGE

**Allied Marine
LOGISTICS
LIMITED**



HIGH PERFORMANCE

Nominal Optical Range: 4 nautical miles (actual dependent on latitude, transmissivity, autonomy, flash pattern and colour).

Example range for our standard lights: 1-2 nautical miles in the temperate zone.

2-3 nautical miles in the sub-tropics.

3-4 nautical miles in the tropics.

Vertical Divergence: 8 degrees (Bracket slots for hose flange bolts allow winker light to be installed vertically).

Lens Colour Option: Red, green, blue, yellow and white. *Standard is white.*

Flash Patterns: 256 available to suit local requirements. *Standard is 0.5s on 1.5s off.*

Operating Temperature: -43°C to 51°C ambient and up to 88°C internal and surface temperatures.

Sun Switch: Included to extend LED and battery life.

Bluetooth Control: Of flash pattern, intensity and other operating parameters.

Flange Bracket: With slots for vertical mounting.

VIRTUALLY MAINTENANCE FREE

LED: Up to 10 year life.

Integral Solar Powered Rechargeable & Replaceable Battery: Up to 8 year life.

Bird Proofing Spikes: Reduce the need for solar panel cleaning. Periodic marine growth cleaning is required.

VIRTUALLY INDESTRUCTIBLE

Housing: Tough polycarbonate/polysiloxane housing.

Protection Cage: Stainless steel, protects the lantern from minor impacts.

Lantern Bracket: Corrosion resistant galvanised and powder coated carbon steel stand.

Low profile design: Prevents impact with export tanker hull.

VANDAL AND THEFT RESISTANT

Security: Virtually impossible to unbolt the cage once installed on hose flange.

NO IMPACT ON HOSE INTEGRITY

Flange Integrity: Each unit can be supplied with two slightly long stud bolts each complete with three nuts for connection to the hose flange. The third nuts allow the winker light to be fitted after the hose flanges have been fully torqued. The winker lights therefore do not interfere with flange integrity. Various stud bolt and nut materials and coatings are available. Standard bolting is PTFE coated ASTM A193 Gr.B7 studs and ASTM A194 Gr.2H heavy hex nuts.

Outer Cover Integrity: The rounded profile of the cage and stand have been specially designed to minimise the risk of hose outer cover damage in the event the hose strings cross over each other.

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SIZES AVAILABLE: Floating Hose Size: 12", 16", 20" and 24". Flange Class: ASME #150 and ASME #300.

Allied Marine Logistics Limited
3rd Floor, 207 Regent Street
London, W1B 3HH
United Kingdom

Tel: +44 (0)20 3355 8781
Fax: +44 (0)20 3051 5716
www.almarlog.co.uk

Marine Hose Specialists