

HEAVY DUTY SOLAR POWERED FLOATING HOSE WINKER LIGHTS

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: 3 nautical miles in Kuwait with 0.74 transmissivity and 8 days autonomy.

2 nautical miles in Malaysia with 0.74 transmissivity and 26 days autonomy.

3.8 nautical miles in Malabo with 0.85 transmissivity and 7 days autonomy.

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.

MAINTENANCE FREE

Integral Solar Powered Rechargeable & Replaceable Battery: Average 5 year life.

Bird Proofing Spikes: Reduce the need for solar panel cleaning.

VIRTUALLY INDESTRUCTIBLE

Housing: Solid state 10 year life LED in tough polycarbonate/polysiloxane.

Protection Cage: Stainless steel, protects the lantern from line boat impact.

Flange Bracket: Heavy duty steel stand with marine grade epoxy paint (hot dip galvanising is also available).

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 or five 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 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.

SIZES AVAILABLE

Floating Hose Size: 12", 16" 20" and 24"

Flange Class: ASME #150 and ASME #300

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