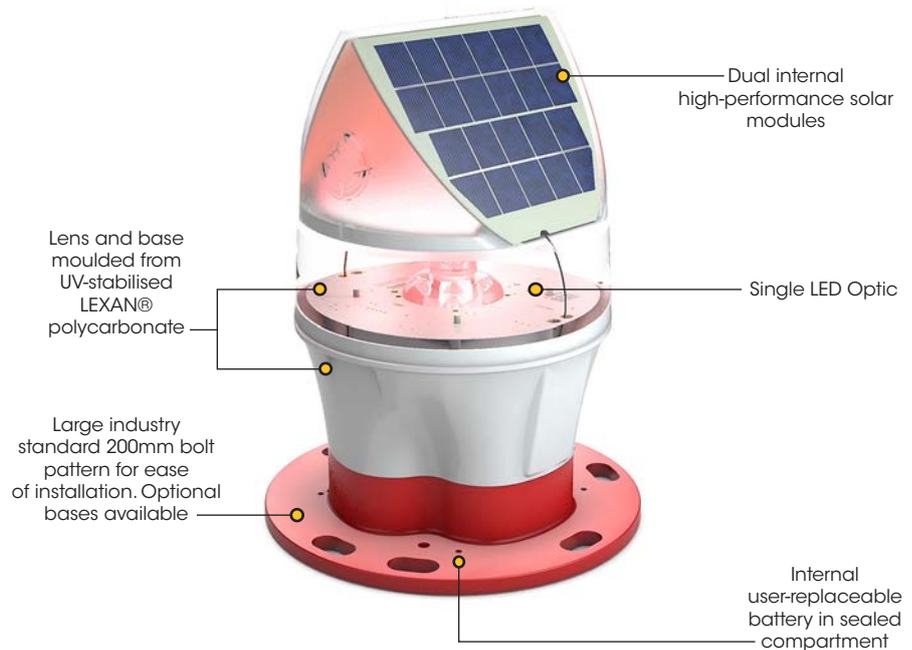


3-5NM Solar Marine Lantern

SL-75

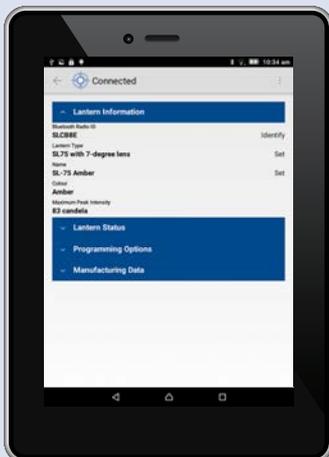


Meets the requirements
of US Coast Guard CFR
33 PART 66 AND PART 67

The Sealite Advantage

- Up to 5NM visible range
- Bluetooth® programmable
- Optional GPS Synchronization
- Optional GSM monitoring
- Reliable year-round operation in low sunlight conditions
- Up to 310 Flash characters including 256 IALA Flash characters and customer definable character
- High Capacity NiMH battery for long service life & wide temperature range

SealitePro™



The SL-75 is a next-generation solar marine lantern with up to 5NM visible range, made from tough, durable polycarbonate and utilising the latest in technology.

Bluetooth® for programming and maintenance

Completely programmable via the new Bluetooth® connected SealitePro™ mobile application, the SL-75 can be configured and monitored from a distance up to 50 meters. An inbuilt solar calculator confirms the lanterns ability to operate at the set location, ensuring optimal operating performance.

Dual High Performance Solar Modules

The SL-75 lantern boasts dual high-performance solar modules which are tilted to obtain maximum sunlight capture, allowing the unit to operate reliably in a range of low sunlight environments. The tilted solar modules are also less susceptible to fouling or snow cover.

Improve productivity and reduce risk to personnel

Time savings for maintenance work are maximised as diagnostics can be interrogated via the mobile device. Risk to maintenance personnel is greatly reduced as many maintenance tasks can be performed from the safety of a vessel or without the need to climb structures.

Optional GPS Synchronisation

The SL-75 is available with optional GPS Synchronisation. Two (2) or more lights can be synchronised to flash in unison via an internal GPS module.

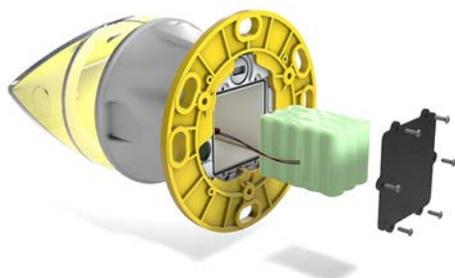
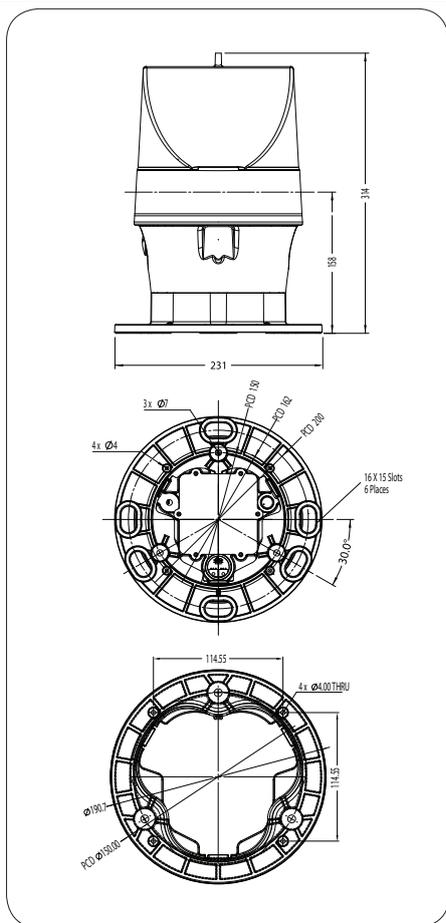
Optional GSM Monitoring & Control System

The SL-75 may also be fitted with GSM Cell-Phone Monitoring and Control – enabling users to access real-time diagnostic data and change lantern settings via cell-phone. The system can also be configured to send out alarm SMS text messages to designated phone numbers. Users can also have alarms and reports sent to designated email addresses.



3-5NM Solar Marine Lantern

SL-75



SPECIFICATIONS * *

Light Characteristics

Light Source: High efficiency LED
 Available Colours: Red, Green, White, Yellow, Blue
 SL-75-7D Typical Maximum Intensity (cd): Red - 98 Green - 104 White - 131 Yellow - 65
 SL-75-5D Typical Maximum Intensity (cd): Red - 143 Green - 109 White - 183 Yellow - 87
 Visible Range (NM/km): 3.5 / 5.5 - 9
 Horizontal Output (degrees): 360
 Vertical Divergence (degrees): 7.5 (standard) / 5 (optional)
 Available Flash Characteristics: 310 plus custom character
 Intensity Adjustments: Multiple intensity settings
 LED Life Expectancy (hours): >100,000

Electrical Characteristics

Circuit Protection: Integrated
 Nominal Voltage (VDC): 3.6
 Autonomy (days): >30 (14 hour darkness, 12.5% duty cycle)
 Temperature Range: -40 to 80°C

Solar Characteristics

Solar Module Type: Multicrystalline

Power Supply

Battery Type: High grade NiMH
 Battery Capacity (Ah) - Standard: 17.2
 Battery Capacity (Ah) - Large: 21.5
 Nominal Voltage (V): 3.6

Physical Characteristics

Body Material: LEXAN® Polycarbonate - UV stabilized
 Lens Material: LEXAN® Polycarbonate - UV stabilized
 Lens Design: Single LED Optic
 Mounting: 3 types: 3 & 4 hole 200mm bolt pattern, 3 hole 150mm bolt pattern, 4 hole 162mm bolt pattern
 Height (mm/inches): 314 / 12 3/8
 Width (mm/inches): 231 / 9 1/8
 Mass (kg/lbs): 2.5 / 5.5
 Product Life Expectancy: Up to 12 years

Certifications

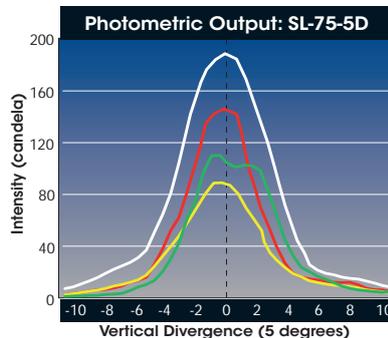
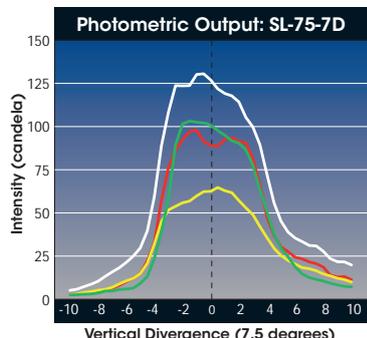
EMC: IFCC Part 15 Rules & ICES-003, EN61000-6-1: 2007 (IEC61000-6-1:2005) Part 6-1 Immunity, EN61000-6-3: 2007 (IEC61000-6-3: 2006) Electromagnetic compatibility (EMC) - Part 6-3 Emission, IEC61000-4-2: 2008 Ed 2 Part 4-2 Electrostatic discharge immunity test Level 4, IEC61000-4-3: 2010 Ed 3.2 Part 4-3. Radiated, radio-frequency, electromagnetic field immunity, IEC61000-4-6: 2008 Ed3., Electromagnetic compatibility (EMC) - Part 4-6 Immunity, Signal colours compliant to IALA E-200-1
 IALA: ISO9001:2008
 Quality Assurance: IP68
 Waterproof: IP68

Intellectual Property

Trademarks: SEALITE® is a registered trademark of Sealite Pty Ltd

Warranty *

Options Available: 3 years, GPS Synchronisation, Bird Deterrent, SL-75-5D (5 Degree divergence model), GSM Monitoring & Control System, Charging Port



Typical Maximum Intensity (cd)		
	SL-75-7D	SL-75-5D
RED	98	143
GREEN	104	109
WHITE	131	183
YELLOW	65	87



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