

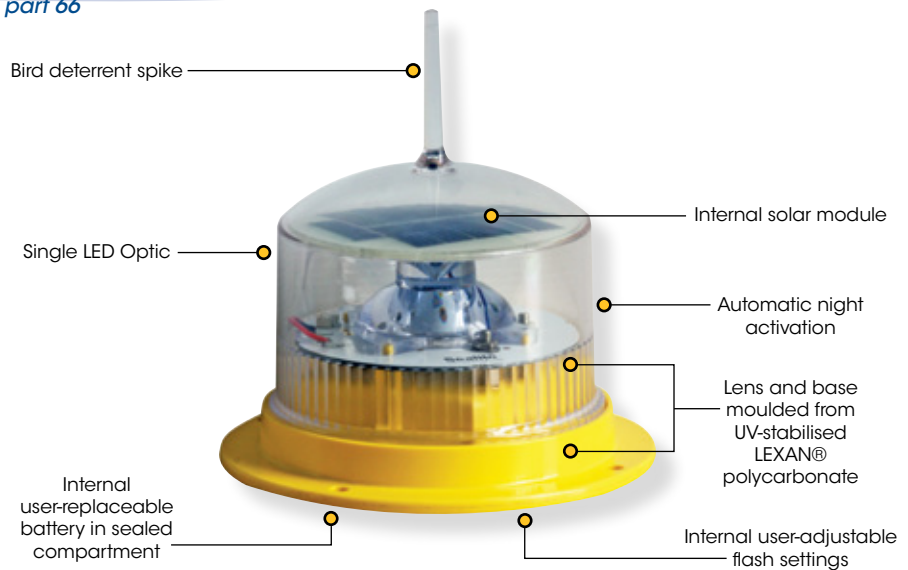
SL15

1-2nm+ Solar Marine Lantern

This equipment complies with requirements of the U.S. Coast Guard in 33 CFR part 66

**Next
Generation**

Single LED Optic ...
Brighter, more efficient



The Sealite Advantage

- User-adjustable flash characters
- User-replaceable battery in sealed battery compartment
- NiMH battery for long service life & wide temperature range
- Completely sealed & self-contained using advanced UV-sealing
- Installs in minutes & operates maintenance-free for up to five years
- IP68 waterproof

The Sealite SL15 1-2nm+ compact LED light is exceptional value and incorporates some of the most advanced technology available. In the tradition of Sealite lanterns, the SL15 is designed to be maintenance-free and have a service life of over 5 years.

The SL15 can be installed in minutes and requires no operator intervention. The SL15 has a rotary switch to allow users to change the flash character of the light without the need for special tools or programmers.

During daylight hours the solar module will charge the battery, and the lantern will automatically begin operation at dusk - once the ambient light threshold drops sufficiently.

The SL15 features Sealite's Single LED Optic which boasts exceptional power to light output efficiency. The tough outer polycarbonate lens incorporates an environment-friendly spike - deterring unwelcome bird life.

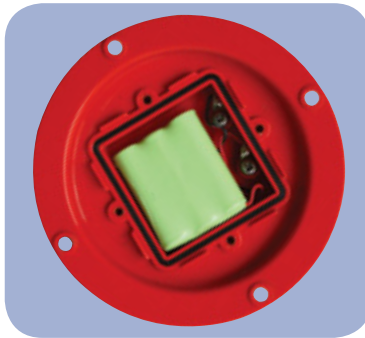
The internally housed battery is user-replaceable after years of reliable service.

The unit is sealed using advanced UV-sealing, enabling a rugged and completely waterproof seal capable of prolonged and deep immersion (IP68).

Optional ON/OFF Switch

The SL15 is also available with an optional ON/OFF switch for temporary installations such as worksites.

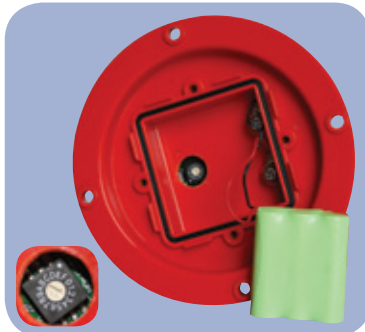




User-replaceable battery



SL15 with optional ON/OFF switch

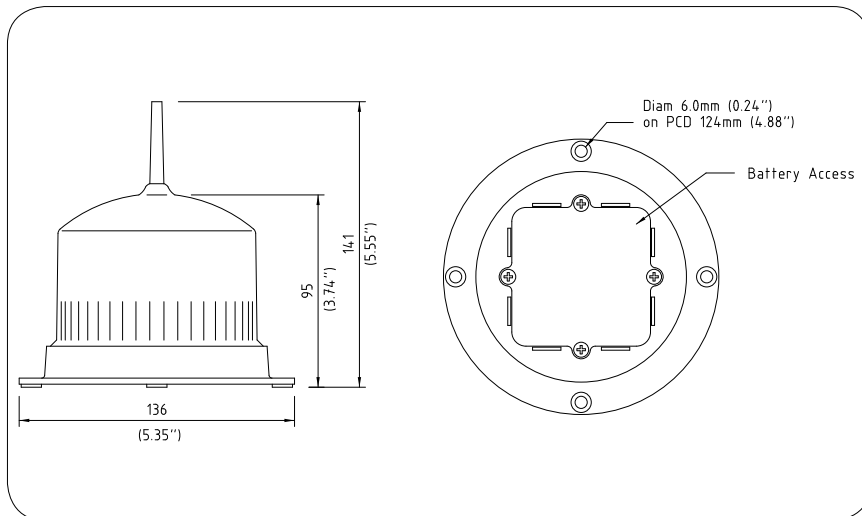


Flash characteristic is selected via internal rotary switch located in the battery compartment

User-Adjustable IALA Flash Characteristics

FLASH SETTING CODE	Flash Sequence (on, off, on...)
0	STEADY LIGHT (intensity reduced)
1	0.5, 1.0
2	0.5, 3.5
3	1.0, 3.0
4	0.5, 5.5
5	0.3, 0.7
6	0.3, 0.7 0.3, 0.7, 0.3, 0.7, 0.3, 0.7, 0.3, 15.7
7	0.3, 1.7
8	0.3, 2.2
9	0.5, 2.0
A	0.3, 2.7
B	0.5, 2.5
C	0.7, 2.3
D	0.5, 4.5
E	1.0, 4.0
F	Custom Setting

Other flash patterns are available on request



SPECIFICATIONS •

Light Characteristics

Light Source: 1 LED
 Available Colours: Red, Green, White, Yellow, Blue
 Maximum Available Intensity (cd)†: Red - 6.2 Green - 7.6 White - 6.8 Yellow - 5.9
 Visible Range (nm): 1-2+
 Horizontal Output (degrees): 360
 Vertical Divergence (degrees): 7
 Reflector Type: Single LED Optic
 Available Flash Characteristics: 16 user-adjustable IALA flash characteristics (other flash patterns available on request)

Intensity Adjustments

LED Life Expectancy (hours): 32 automatic step-down settings based on power demand of flash code selection, from 100% at 10% duty cycle through 25% at fixed on >100,000

Electrical Characteristics

Current Draw (mA): Refer to Sealite Power Calculator
 Circuit Protection: Integrated
 Nominal Voltage (V): 3.6
 Autonomy (days): >50 (14 hour darkness, 12.5% duty cycle)
 Temperature Range: -40 to 80°C

Solar Characteristics

Solar Module Type: Multicrystalline
 Output (watts): 0.45
 Solar Module Efficiency (%): 14
 Charging Regulation: Microprocessor controlled

Power Supply

Battery Type: High grade NiMH - Environmentally friendly
 Battery Capacity (Ah): 1.6
 Nominal Voltage (V): 3.6
 Battery Service Life: Average 5 years

Physical Characteristics

Body Material: LEXAN® Polycarbonate - UV-stabilised
 Lens Material: LEXAN® Polycarbonate - UV-stabilised
 Lens Diameter (mm/inches): 98 / 3 7/8
 Lens Design: Single LED Optic
 Mounting: 4 x 6mm mounting holes
 Height (mm/inches): 141 / 5 1/2
 Width (mm/inches): 136 / 5 3/8
 Mass (kg/lbs): 0.5 / 1 1/8
 Product Life Expectancy: Up to 12 years

Certifications

CE: EN61000-6-3:1997, EN61000-6-1:1997
 Quality Assurance: ISO9001:2008
 Waterproof: IP68

Intellectual Property

Patents: US Pat. No. 6,667,582, AU Pat. No. 778,918
 Trademarks: SEALITE® is a registered trademark of Sealite Pty Ltd
 Warranty: 3 years

Warranty *

Options Available

- ON/OFF switch
- Custom flash patterns
- 50mm pole mount adapter plate



• Specifications subject to change or variation without notice
 * Subject to standard terms and conditions
 † Intensity setting subject to solar availability