

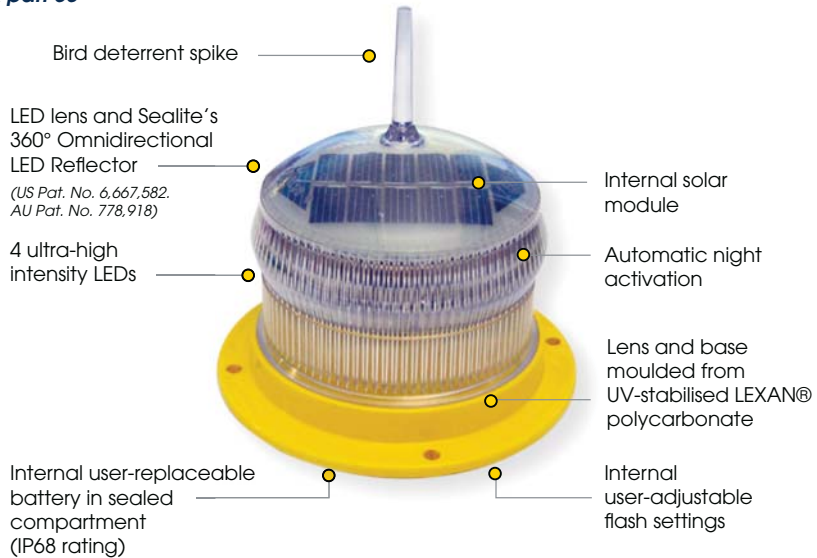
# SL15

## 1nm Solar Marine Light

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



Now available with user-adjustable flash settings



### 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 ultrasonic welding techniques
- Installs in minutes & operates maintenance-free for up to five years
- IP68 waterproof

The Sealite SL15 1nm 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 flash characters are user-adjustable, and the unit is supplied ready for immediate installation.

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 the Sealite LED 360° Omnidirectional Reflector, which increases the intensity and uniformity of the horizontal output. The tough polycarbonate lens is specifically designed for use with LEDs, and incorporates an environment-friendly spike – deterring unwelcome bird life.

The unit is sealed using an advanced ultrasonic weld, enabling a rugged and completely waterproof seal capable of prolonged and deep immersion (IP68).

#### Optional ON/OFF Switch (SL15-SW)

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



SL15 solar light on FAD, Australia



SL15 marina lights, Vigo, Spain



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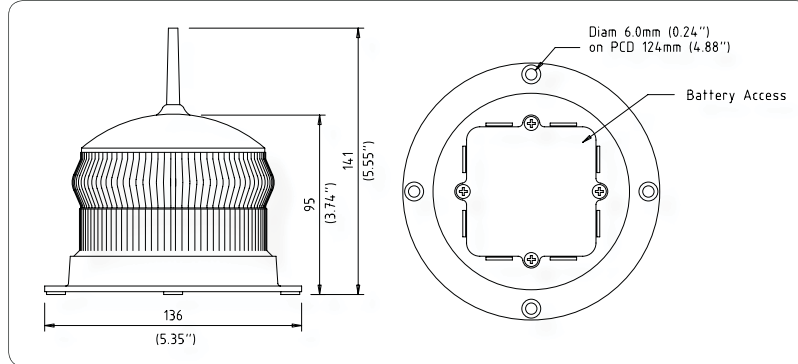
# SL15 1nm Solar Marine Light



User replaceable battery



SL15 with optional ON/OFF switch (SL15-SW)



## SPECIFICATIONS •

### Light Characteristics

Light Source  
Available Colours  
Peak Intensity (cd)  
Visible Range (nm)  
Horizontal Output (degrees)  
Vertical Divergence (degrees)  
Reflector Type

### Available Flash Characteristics

Intensity Adjustments  
LED Life Expectancy (hours)

### Electrical Characteristics

Current Draw (mA)  
Circuit Protection  
Nominal Voltage (V)  
Autonomy (days)  
Temperature Range

### Solar Characteristics

Solar Module Type  
Output (watts)  
Solar Module Efficiency (%)  
Charging Regulation

### Power Supply

Battery Type  
Battery Capacity (Ah)  
Nominal Voltage (V)  
Battery Service Life

### Physical Characteristics

Body Material  
Lens Material  
Lens Diameter (mm/inches)  
Lens Design  
Mounting  
Height (mm/inches)  
Width (mm/inches)  
Mass (kg/lbs)  
Product Life Expectancy

### Certifications

CE  
Quality Assurance  
Waterproof

### Intellectual Property

Patents  
Trademarks

### Warranty \*

### Options Available

4 ultra-high intensity LEDs  
Red, Green, White, Yellow, Blue  
Red - 2.2 Green - 2.4 White - 4.1 Yellow - 1.0  
>1  
360  
9  
Omnidirectional 360° LED Reflector (US Pat. No. 6,667,582. AU Pat. No. 778,918)  
16 user-adjustable IALA flash characteristics (other flash patterns available on request)  
100% as standard (custom intensity available on request)  
>100,000

Minimal  
Integrated  
3.6  
>20 (14 hour darkness, 12.5% duty cycle)  
-40 to 80°C

Multicrystalline  
0.45  
14  
Microprocessor controlled

High grade NiMH - Environment friendly  
1.6  
3.6  
Average 5 years

LEXAN® Polycarbonate - UV-stabilised  
LEXAN® Polycarbonate - UV-stabilised  
107 / 4¼  
External optics with interior flute design  
4 x 6mm mounting holes  
141 / 5½  
136 / 5³⁄₈  
0.6 / ⅓  
Up to 12 years

EN61000-6-3:1997. EN61000-6-1:1997  
ISO9001:2000  
IP68

US Pat. No. 6,667,582. AU Pat. No. 778,918  
SEALITE® is a registered trademark of Sealite Pty Ltd

Full 3 years  
• ON/OFF switch (SL15-SW)  
• Custom flash patterns  
• 50mm pole mount adaptor plate

### USER-ADJUSTABLE FLASH PATTERNS

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, 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	Custom Setting

Other flash patterns are available on request

• Specifications subject to change or variation without notice

\* Subject to standard terms and conditions

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