

SL15

1nm Solar Marine Light

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



The Sealite Advantage

- Red, green, yellow, white or blue.
- Available in any of 15 standard IALA flash characteristics.
- Includes bird spike.
- Completely sealed and self-contained, using ultrasonic welding techniques.
- Installs in minutes, and operates maintenance-free for up to five years.
- IP68 waterproof
- User-replaceable battery in sealed battery compartment.

The Sealite SL15 1 mile LED compact 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 factory-set, 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° 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.

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



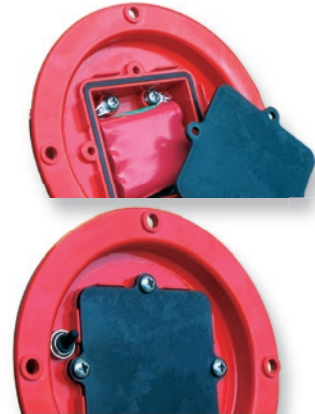
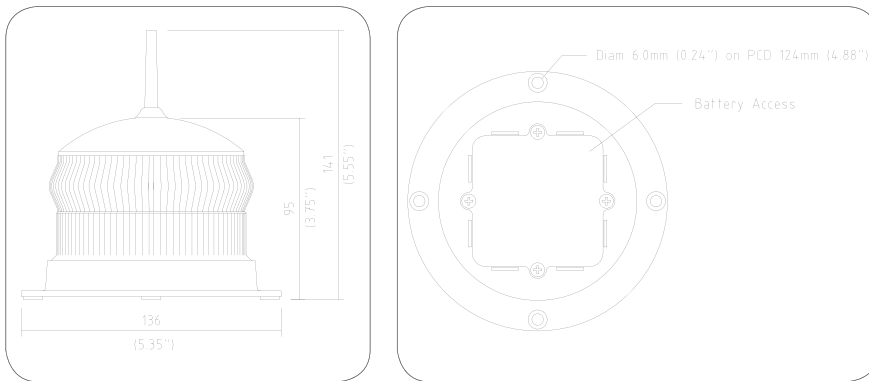
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SL15 1nm Solar Marine Light



SL15 with optional ON/OFF switch

SPECIFICATIONS •

Light Source	4 Ultra high intensity LEDs
Colours available	Red, Green, White, Yellow, Blue
Range	>1 nautical mile
Peak Intensity	3 Candela
Vertical Divergence	9 degrees
Horizontal output	360 degrees
Reflector type	Omnidirectional 2-part LED reflector (U.S. Pat. No. 6,667,582. AU Pat No. 778,918)
Available flash characteristics	15 standard Custom codes on request
LED life	Up to 100,000 hours
Autonomy	25 days
Storage	Automatic shutdown after 17 hours darkness Resumes operation on light Optional toggle switch
Solar Panel	0.45watt
Solar Panel Efficiency	14%
Battery type	High grade NIMH. Environment friendly
Nominal voltage	3.6V
Capacity	1.6Ah
Lens Diameter	110mm
Lens Material	LEXAN® Polycarbonate – U.V. stabilised
Lens Design	External optics with interior flute design
Base	LEXAN® Polycarbonate – U.V. stabilised Coloured for easy identification
Sealing	Ultrasonic weld
Waterproof	IP68
Quality Assurance	ISO9001:2000
CE Assurance	EN61000-6-3:1997, EN61000-6-1:1997
Life expectancy	Up to 12 years
Mass	0.6kg
Warranty	3 years



• Specifications subject to change or variation without notice

STANDARD FLASH PATTERNS

CODE	Flash Sequence (on, off, on...)
01	0.5, 1, 0.5
02	0.5, 3.5
03	1,3
04	0.5,5.5
05	0.3,0.7
06	0.3,,7,,3,,7,,3,,7,, 3,15.7
07	0.3,1.7
08	0.3,2.2
09	0.5,2
0A	0.3,2.7
0B	0.5,2.5
0C	0.7,2.3
0D	1,2
0E	0.5,4.5
0F	STEADY LIGHT (intensity reduced)

Other flash patterns
available on request

