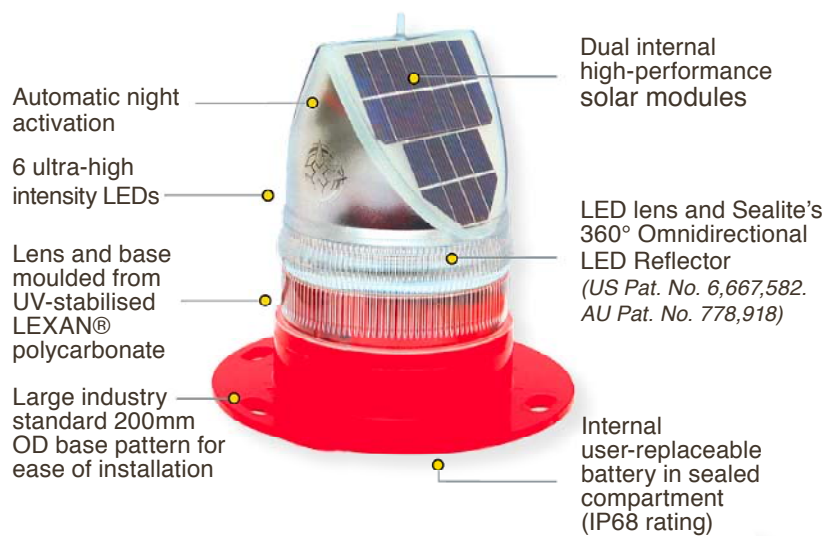


SL70 2nm Solar Marine Light

The Sealite Advantage

- **Reliable year-round operation in low sunlight conditions**
- **256 IALA flash patterns, user-adjustable without the need for external devices**
- **User-replaceable battery in sealed battery compartment**
- **NiMH battery for long service life & wide temperature range**
- **4 user-adjustable intensity settings**
- **ON/OFF storage switch**
- **IP68 waterproof**



The SL70 is exceptional in its unique ability to be able to 'track the sun' and operate reliably in low sunlight conditions. The SL70 has been proven to operate as a 2-mile compact buoy lantern in various low-sunlight environments such as Britain, Canada, and Europe.

Made from tough, durable polycarbonate and using the latest high intensity LED's, the SL70 lantern boasts dual high-performance solar modules incorporated into Sealite's world-first Solar Collection Lens. These solar modules are angled to obtain maximum sunlight capture, allowing the unit to operate reliably in a range of low sunlight environments.

The SL70 can be installed in minutes, and requires no operator intervention. The flash-characters are easily adjusted on-site by the user, and the lantern has a permanent ON/OFF switch for easy storage.

The sealed battery compartment allows the battery to be replaced after years of service – don't throw the light away at the end of the battery service life.

Sealite's SL70 solar marine light has been awarded the prestigious Australian DesignMark® at the Australian Design Awards; a testament of Sealite's commitment to the ongoing development of state-of-the-art products.

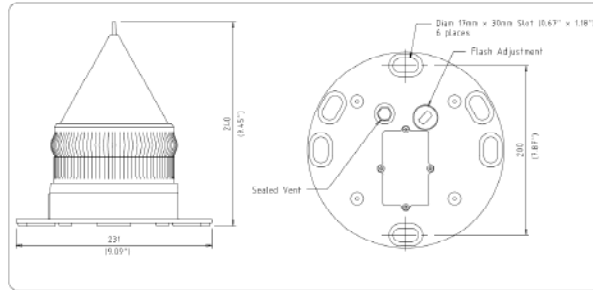
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SL70 2nm Solar Marine Light



User replaceable battery



SPECIFICATIONS

Light Characteristics

Light Source	6 ultra-high intensity LEDs
Available Colours	Red, Green, White, Yellow, Blue
Peak Intensity (cd)	Red - 10.0 Green - 10.1 White - 12.1 Yellow - 8.9
Visible Range (nm)	>2
Horizontal Output (degrees)	360
Vertical Divergence (degrees)	9
Reflector Type	Omnidirectional 360° LED Reflector (US Pat. No.6,667,582. AU Pat. No. 778,918)
Available Flash Characteristics	Up to 256 IALA recommended (user adjustable)
Intensity Adjustments	Adjustable in 25% increments
LED Life Expectancy (hours)	>100,000

Electrical Characteristics

Current Draw (mA)	Minimal
Circuit Protection	Integrated
Nominal Voltage (v)	3.6
Autonomy (days)	30 (14 hour darkness, 12.5% duty cycle)
Temperature Range	-40 to 80°C

Solar Characteristics

Solar Module Type	Multicrystalline
Output (watts)	2.5 (2 x 1.25watt)
Solar Module Efficiency (%)	14
Charging Regulation	Microprocessor controlled

Power Supply

Battery Type	High grade NiMH - Environment friendly
Battery Capacity (Ah)	8
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)	150 / 5.91
Lens Design	External optics with interior flute design
Mounting	200mm OD base pattern
Height (mm/inches)	240 / 9.45
Width (mm/inches)	231 / 9.09
Mass (kg/lbs)	1.1 / 2.38
Product Life Expectancy	Up to 12 years

Certifications

CE	EN61000-6-3:1997. EN61000-6-1:1997
Quality Assurance	ISO9001:2000
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 *

Full 3 years

Options Available

- 16Ah battery (SL70/16Ah)
- 12 LEDs (SL70-12)
- Hard-wire synchronisation
- 50mm pole mount adaptor plate
- RF communication synchronisation (SL70-CS)
- Remote radio control (SL70-RC)

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