

# SL70

## 2nm Solar Marine Light

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



### The Sealite Advantage

- Dual high-performance solar modules for reliable operation in low sunlight conditions.
- 8Ah battery pack
- Red, green, yellow, white or blue.
- 256 IALA flash patterns, user-adjustable without the need for external devices.
- User-replaceable battery in sealed battery compartment.
- 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 parts of 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.

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.

The SL70 lantern incorporates 2 high-performance solar modules, mounted within the lens of the unit and angled to obtain maximum sunlight capture. This allows the unit to operate reliably in a range of low sunlight environments.

**In high sunlight regions the SL70 may be fitted with 12 LED's and appropriate intensity settings to provide a range of up to 3 nautical miles**



**Head Office;**  
Sealite Pty Ltd  
AUSTRALIA

ph. +61(0)359776128  
fx. +61(0)359776124  
Internet: [www.sealite.com.au](http://www.sealite.com.au)  
e-mail: [info@sealite.com.au](mailto:info@sealite.com.au)

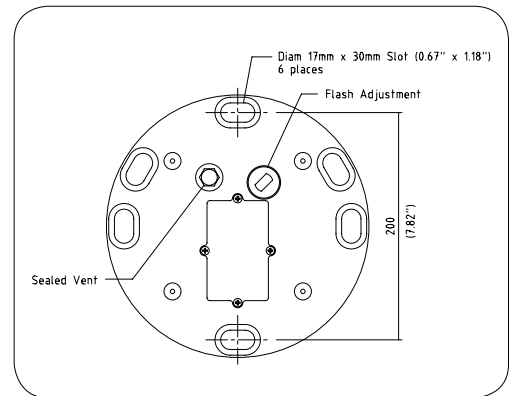
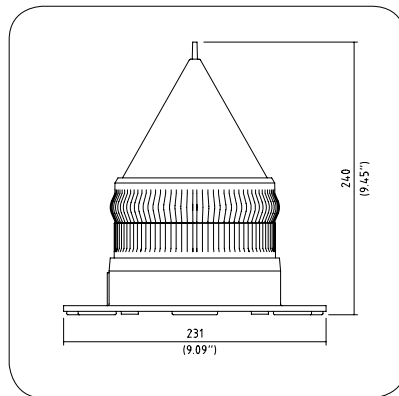
**USA Customers;**  
Sealite USA  
USA (Gilford, NH)

ph. (603) 524-6066  
fx. (603) 524-8100  
Internet: [www.sealiteusa.com](http://www.sealiteusa.com)  
e-mail: [info@sealiteusa.com](mailto:info@sealiteusa.com)

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Dual battery pack accessed via sealed compartment



## SPECIFICATIONS •

Light Source	6 Ultra high intensity LEDs
Colours available	Red, Green, White, Yellow, Blue
Range	>2 nautical miles
Peak Intensity	8.3 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	256 IALA recommended, user-adjustable without the need for external devices
Intensity Setting	100% standard. Adjustable by user to suit sunlight conditions
LED Life	Up to 100,000 hours
Autonomy	30 days
Battery replacement	Removable access lid to waterproof compartment
	Fitted rubber gasket
	316-grade stainless fasteners
Solar Panel	Dual 1.4watt angled for maximum sunlight capture
Solar Panel Efficiency	16%
Battery type	High grade NiMH. Environment friendly
Nominal voltage	3.6V
Capacity	8Ah
Synchronisation	Optional via hardwire
Lens Diameter	140mm
Lens Material	LEXAN® Polycarbonate – U.V. stabilised
Lens Design	External optics with interior flute design
Base Diameter	230mm industry standard base pattern.
Base	LEXAN® Polycarbonate – U.V. stabilised Coloured for easy identification
Mounting	200mm OD base pattern
Sealing	Polycarbonate bonding compounds
Waterproof	IP68
Quality Assurance	ISO9001:2000
CE Assurance	EN61000-6-3:1997, EN61000-6-1:1997
Life expectancy	Up to 12 years
Mass	1.2kg
Warranty	3 years



• Specifications subject to change or variation without notice

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e-mail: [info@sealite.com.au](mailto:info@sealite.com.au)

**USA Customers;**  
Sealite USA  
USA (Gilford, NH)

ph. (603) 524-6066  
fx. (603) 524-8100  
Internet: [www.sealiteusa.com](http://www.sealiteusa.com)  
e-mail: [info@sealiteusa.com](mailto:info@sealiteusa.com)

