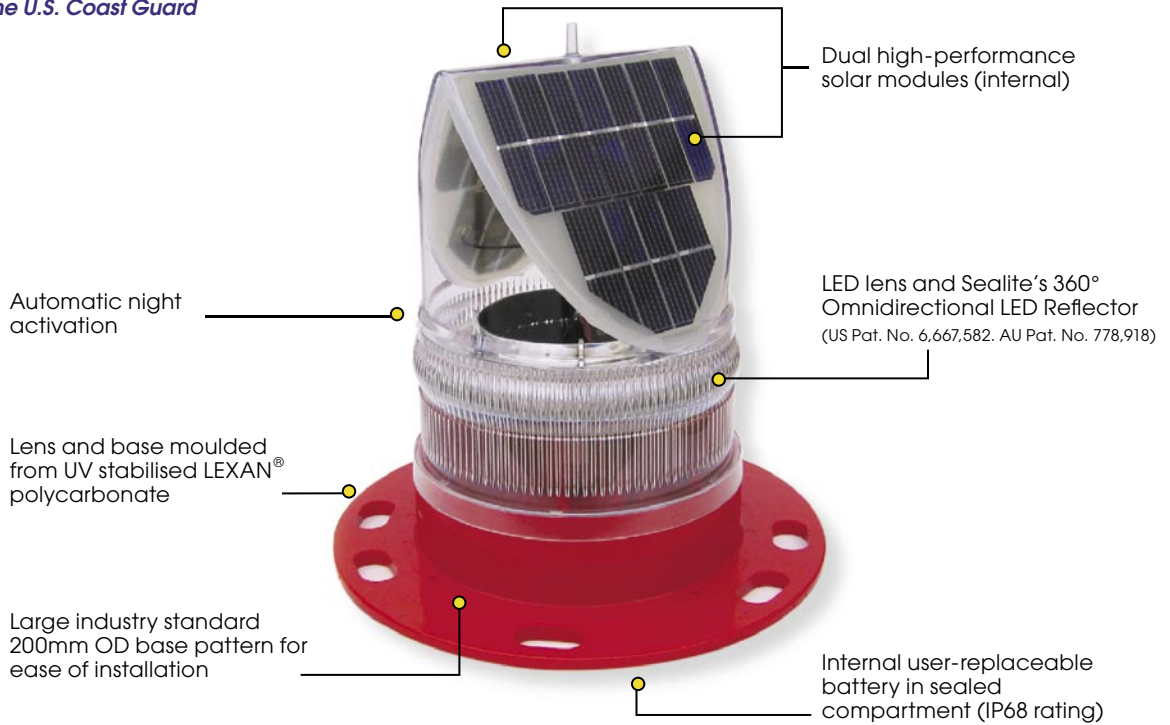


SL70 2nm Solar Marine Light

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. 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.

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.



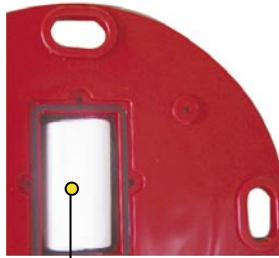
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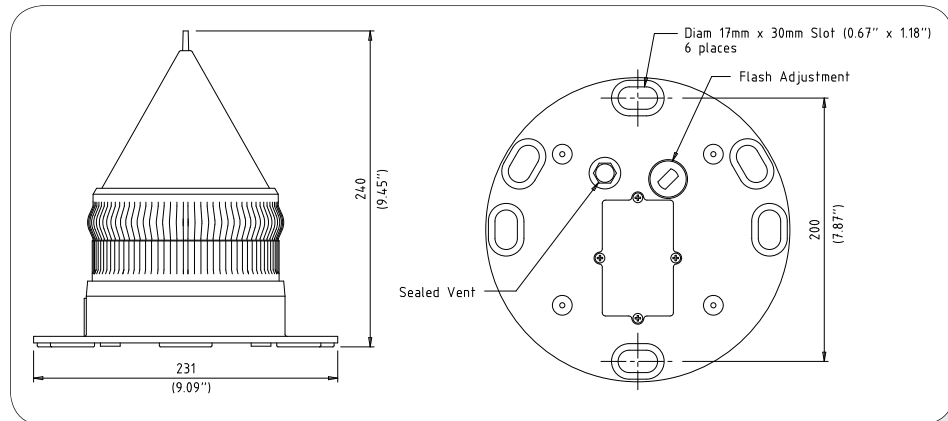
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Email: info@sealiteusa.com

SL70 2nm Solar Marine Light



Dual battery pack accessed via sealed compartment



SPECIFICATIONS •

Light Characteristics

Light Source	6 ultra-high intensity LEDs
Available Colours	Red, Green, White, Yellow, Blue
Peak Intensity (cd)	>8.3
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
Operating Voltage (v)	3.6
Autonomy (days)	30 (14 hour darkness, 12.5% duty cycle)

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

Physical Characteristics

Body Material	LEXAN® Polycarbonate - UV stabilised
Lens Material	LEXAN® Polycarbonate - UV stabilised
Lens Diameter (mm/inches)	140 / 5½
Lens Design	External optics with interior flute design
Mounting	200mm OD base pattern
Height (mm/inches)	240 / 9½
Width (mm/inches)	231 / 9¼
Mass (kg/lbs)	1.1 / 2¾
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

3 years

Options Available

- Hard wire synchronisation
- 50mm pole mount adaptor plate

CE

• Specifications subject to change or variation without notice

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