

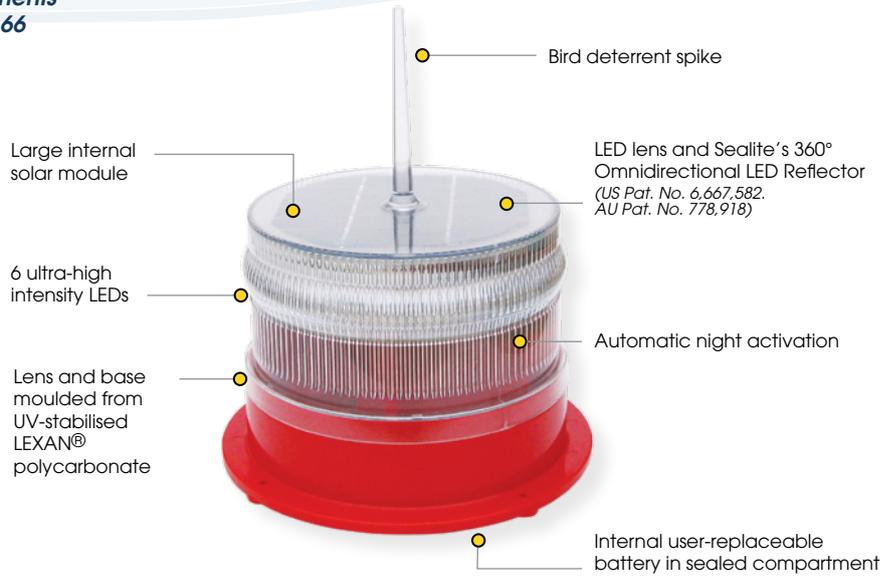
SL60

2-3nm+ Solar Marine Light

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



Shown with optional 200mm OD base pattern (SL60-LB)



The Sealite Advantage

- 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 Sealite SL60 is the world's most popular and versatile 2-3nm+ solar marine light.

Made from tough, durable polycarbonate and using the latest high intensity LED's, no expense has been spared in the design and development of this lantern.

The SL60 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.

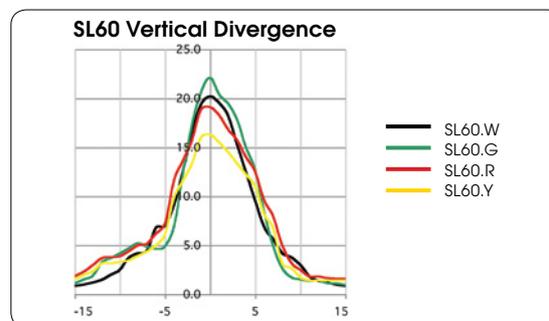
During daylight hours the solar module will charge the battery, and the lantern will automatically begin operation at dusk - once the ambient light threshold drops sufficiently.

The 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 unit is sealed using polycarbonate bonding compounds similar to those used by major automobile manufacturing companies.

Optional 200mm OD Base Pattern (SL60-LB)

The SL60 is available with optional large 200mm OD base pattern to suit installation requirements.



Candela (cd)	
SL60	
R	19.1
G	22.1
W	20.2
Y	16.3



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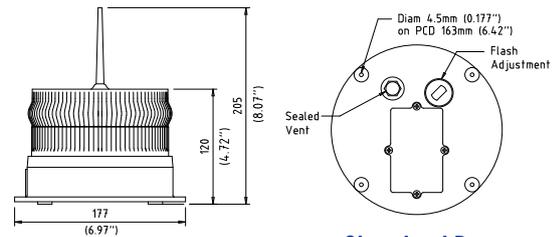
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SL60

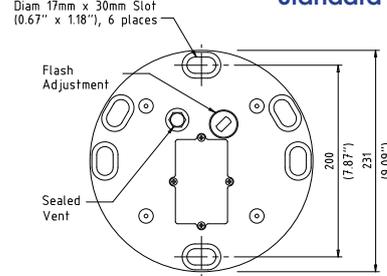
2-3nm+ Solar Marine Light



User replaceable battery

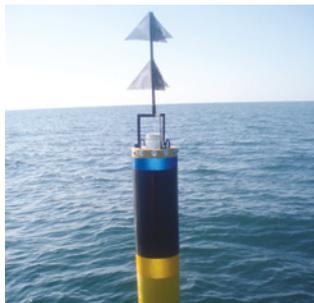


Standard Base



Optional 200mm OD Base

SPECIFICATIONS •



Sochi, Russia



Barcelona, Spain



SL60 lanterns are installed throughout Cambodia & Vietnam with partner Khmer Solar

Light Characteristics

Light Source
Available Colours
Maximum Available Intensity (cd)^Δ
Visible Range (nm)
Horizontal Output (degrees)
Vertical Divergence (degrees)
Reflector Type
Available Flash Characteristics
Intensity Adjustments
LED Life Expectancy (hours)

6 ultra-high intensity LEDs
Red, Green, White, Yellow, Blue
Red - 19.1 Green - 22.1 White - 20.2 Yellow - 16.3
2-3+
360
9
Omnidirectional 360° LED Reflector (US Pat. No. 6,667,582. AU Pat. No. 778,918)
Up to 256 IALA recommended (user adjustable)
Adjustable in 25% increments
>100,000

Electrical Characteristics

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

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

Solar Characteristics

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

Multicrystalline
1.4
14
Microprocessor controlled

Power Supply

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

High grade NiMH - Environment friendly
4
3.6
Average 5 years

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

LEXAN® Polycarbonate - UV-stabilised
LEXAN® Polycarbonate - UV-stabilised
150 / 5⁷/₈
External optics with interior flute design
4 x 4.5mm mounting holes
205 / 8¹/₈
177 / 7
0.9 / 2¹/₈ (SL60-LB 1 / 2¹/₄, SL60/8Ah 1 / 2¹/₄, SL60-LB/8Ah 1.1 / 2¹/₂, SL60-LB/16Ah 1.5 / 3¹/₅)
Up to 12 years

Certifications

CE
Quality Assurance
Waterproof

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

Intellectual Property

Patents
Trademarks

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

Warranty*

Full 3 years

Options Available

- 8Ah battery (SL60/8Ah or SL60-LB/8Ah). 16Ah battery (SL60-LB/16Ah)
- 200mm OD base (SL60-LB)
- 50mm pole mount adaptor plate (SL60 - MC/02. SL60-LB - MC/03)



• Specifications subject to change or variation without notice

* Subject to standard terms and conditions

Δ Intensity setting subject to solar availability



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