

2-3NM+ Solar Marine Lantern

SL-60

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

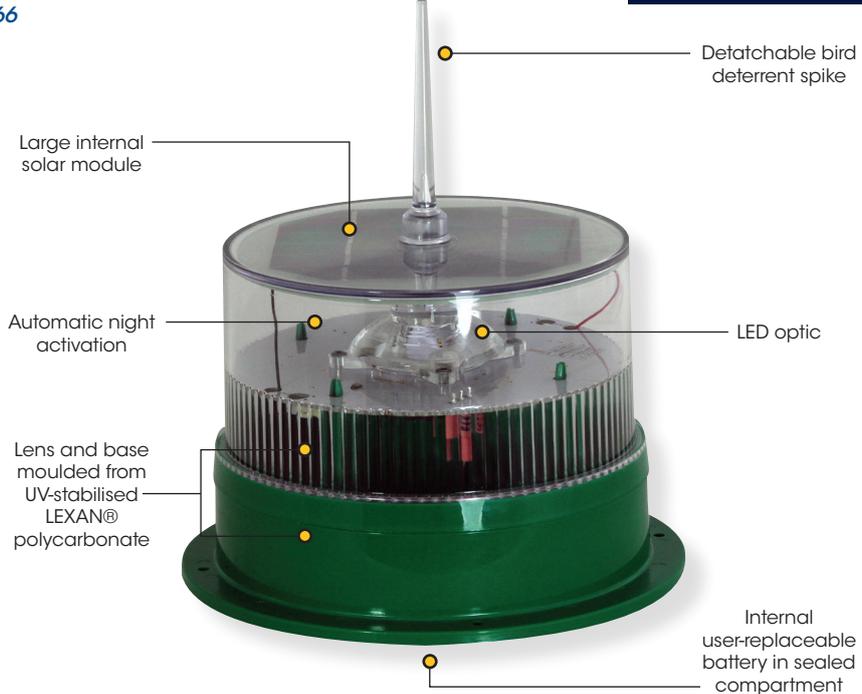
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V2_2015



Shown with optional 200mm bolt pattern base



The Sealite Advantage

- IR programmable
- 256 IALA flash patterns
- User-replaceable battery in sealed battery compartment
- NiMH battery for long service life & wide temperature range
- Multiple intensity settings
- ON/OFF storage switch
- IP68 waterproof

The Sealite SL-60 is the world's most popular and versatile 2-3NM+ solar marine light.

The SL-60 can be installed in minutes and requires no operator intervention. The flash characters are easily adjusted onsite by the user, and the lantern has a permanent ON/OFF switch for easy storage.

The SL-60 comes with standard rotary switches for convenient in-field changes of flash characters and intensity selection. In addition, the unit may be provided with an IR programmer for added functionality.

Programmable features include; flash code adjustment, battery diagnostics, lux adjustment, ON/OFF and hibernation mode.

Optional GPS Synchronisation

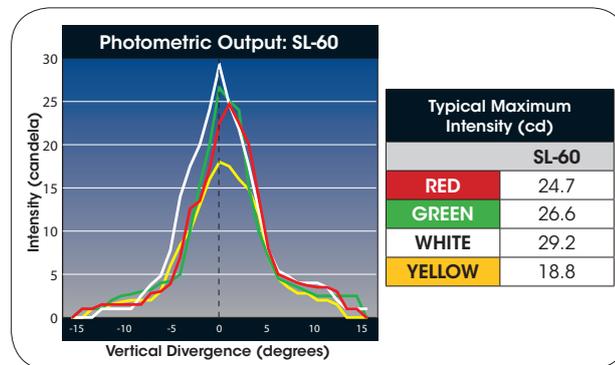
The SL-60 is available with optional GPS Synchronisation. Two (2) or more lights can be synchronised to flash in unison via an internal GPS module. When lanterns flash in synchronisation they can be clearly distinguished from other nav aids and confusing background lighting - ideal for rivers, marina entrances, channel marking and aquaculture.

Optional 200mm Bolt Pattern Base

The SL-60 is available with optional large 200mm bolt pattern to suit installation requirements.

Optional Larger Battery Pack

In regions where additional autonomy is required, the SL-60 can be supplied with a larger 8Ah or 16Ah battery pack - this greatly extends the operational autonomy.

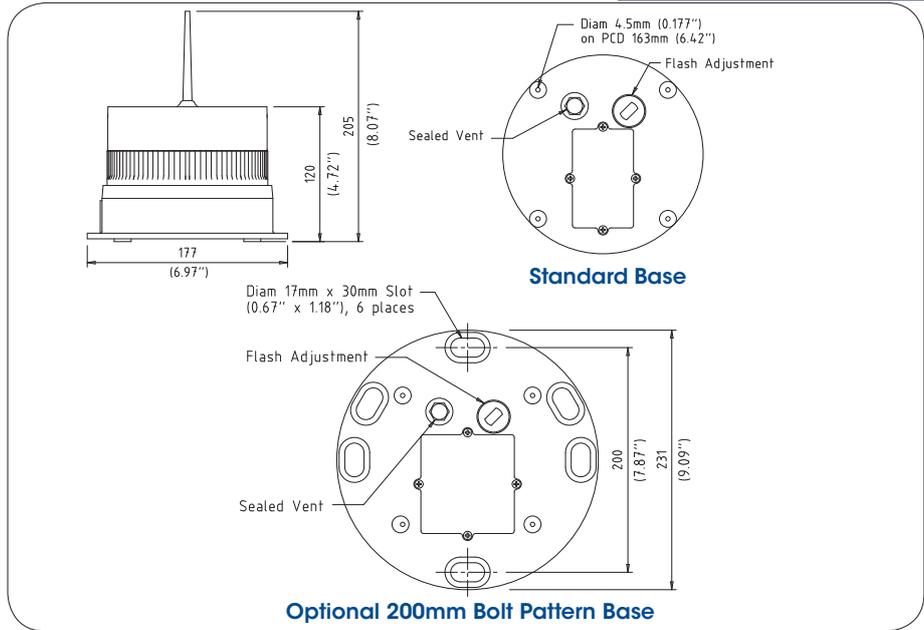


2-3NM+ Solar Marine Lantern

SL-60



User-replaceable battery



Sochi, Russia



Cadiz, South of Spain



Barcelona, Spain

SPECIFICATIONS* SL-60

Light Characteristics

Light Source LED
 Available Colours Red, Green, White, Yellow, Blue
 Typical Maximum Intensity (cd)† Red - 24.7 Green - 26.6 White - 29.2 Yellow - 18.8
 Visible Range (nm) AT @ 0.74: 2-3+
 AT @ 0.85: 2.3-3.5+
 Horizontal Output (degrees) 360
 Vertical Divergence (degrees) 7
 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) Refer to Sealite Power Calculator
 Circuit Protection Integrated
 Nominal Voltage (V) 3.6
 Autonomy (days) >20 (14 hour darkness, 12.5% duty cycle)
 Temperature Range -40 to 80°C

Solar Characteristics

Solar Module Type Multicrystalline
 Output (watts) 1.4

Power Supply

Battery Type High grade NiMH
 Battery Capacity (Ah) 4
 Nominal Voltage (V) 3.6

Physical Characteristics

Body Material LEXAN® Polycarbonate - UV-stabilised
 Lens Material LEXAN® Polycarbonate - UV-stabilised
 Lens Diameter (mm/inches) 150 / 5 7/8
 Lens Design Single LED optic
 Mounting 4 x 4.5mm mounting holes
 Height (mm/inches) 205 / 8 1/8
 Width (mm/inches) 177 / 7
 Mass (kg/lbs) 0.9 / 2 1/8 (SL-60LB 1 / 2 1/4. SL-60-8AH 1 / 2 1/4. SL-60LB-8AH 1.1 / 2 1/4. SL-60LB-16AH 1.5 / 3 1/3)
 Product Life Expectancy Up to 12 years

Certifications

CE EN61000-6-3:1997. EN61000-6-1:1997
 IALA Signal colours compliant to IALA E-200-1
 Quality Assurance ISO9001:2008
 Waterproof IP68

Intellectual Property

Trademarks

Warranty*

Options Available

SEALITE® is a registered trademark of Sealite Pty Ltd
 3 years
 • IR Programmer
 • GPS Synchronisation
 • 8Ah battery
 • 16Ah battery
 • 200mm bolt pattern base
 • 50mm pole mount adapter plate



* Specifications subject to change or variation without notice
 * Subject to standard terms and conditions
 † Intensity setting subject to solar availability