

# SLC500

## Compact 5nm Solar Marine Lantern

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

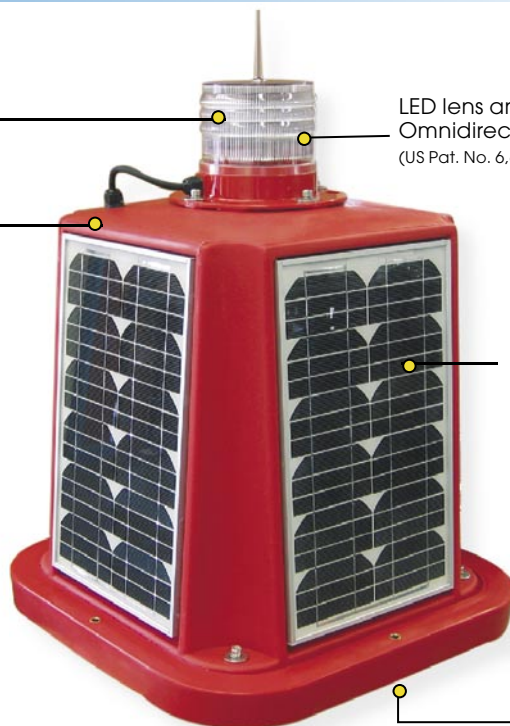
SL125-2 light-head (72 ultra-high intensity LEDs. IP68 rating)

LED lens and Sealite's 360° Omnidirectional LED Reflector (US Pat. No. 6,667,582. AU Pat. No. 778,918)

Rotationally moulded UV stabilised virgin polyethylene body, in high visibility colours

4 x 12watt multicrystalline solar modules, ensuring maximum light collection to charge the battery

Internal 50Ah battery, 12v



### The Sealite Advantage

- Complete unit - ready for immediate installation
- 4 x 12watt solar modules
- 50Ah battery
- High-visibility colours
- Impact / weather resistant polyethylene

### The SLC500 is a completely self-contained 5nm Solar Marine Lantern designed for a range of low-maintenance applications.

The light boasts a large internal battery compartment, a multiple tiered SL125 LED light-head, and 4 premium-grade 12watt solar modules mounted to collect sunlight at all angles.

The SLC500 is moulded from UV stabilised virgin polyethylene, providing enormous impact and weather resistance, in addition to high visibility IALA colours.

The tough polycarbonate lens is specifically designed for use with LEDs, and incorporates an environment-friendly spike - deterring unwelcome bird life.

The user-friendly 2-piece design allows the lantern to be opened for convenient battery inspection or replacement whilst the base remains fixed to the supporting structure.

The SLC500 is also available with internal GPS Synchronisation (SLC500-GPS).



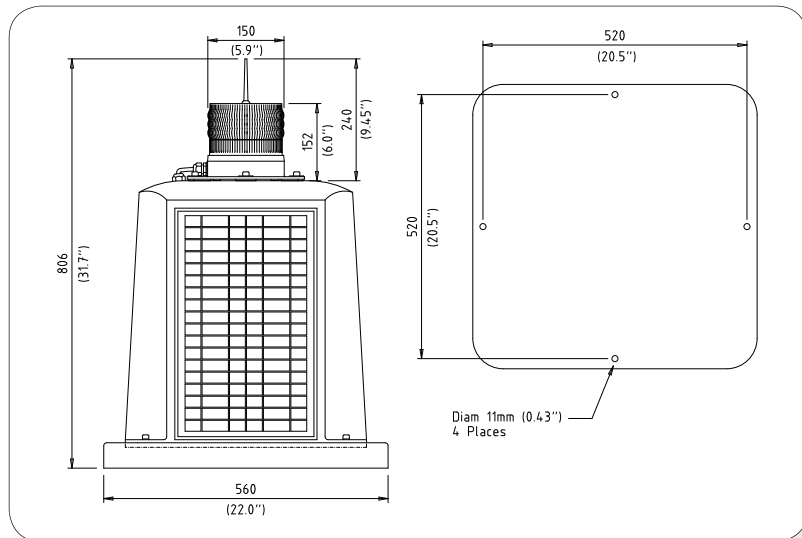
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# SLC500 Compact 5nm Solar Marine Lantern



## SPECIFICATIONS •

### Light Characteristics

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

SL125-2 (72 LED lantern as standard)  
Red, Green, White, Yellow, Blue  
>150  
>5  
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)

Red, Yellow - 630  
Green, White - 480  
Integrated  
12  
30 (14 hour darkness, 12.5% duty cycle)

Circuit Protection  
Operating Voltage (v)  
Autonomy (days)

### Solar Characteristics

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

Multicrystalline  
48 (4 x 12watt)  
14  
Microprocessor controlled

### Power Supply

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

SLA (Sealed Lead Acid)  
50  
12

### 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

Rotationally moulded UV stabilised virgin polyethylene  
LEXAN® Polycarbonate – UV stabilised  
150 / 5<sup>7/8</sup>  
External optics with interior flute design  
4 x 11mm mounting holes  
806 / 31<sup>3/4</sup>  
560 / 22  
19 / 41<sup>3/4</sup>  
Up to 12 years

### Certifications

CE  
Quality Assurance  
Waterproof

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

### 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

3 years

### Options Available

- 200mm OD mounting plate
- Hard wire or GPS synchronisation
- Remote monitoring

CE

• Specifications subject to change or variation without notice

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