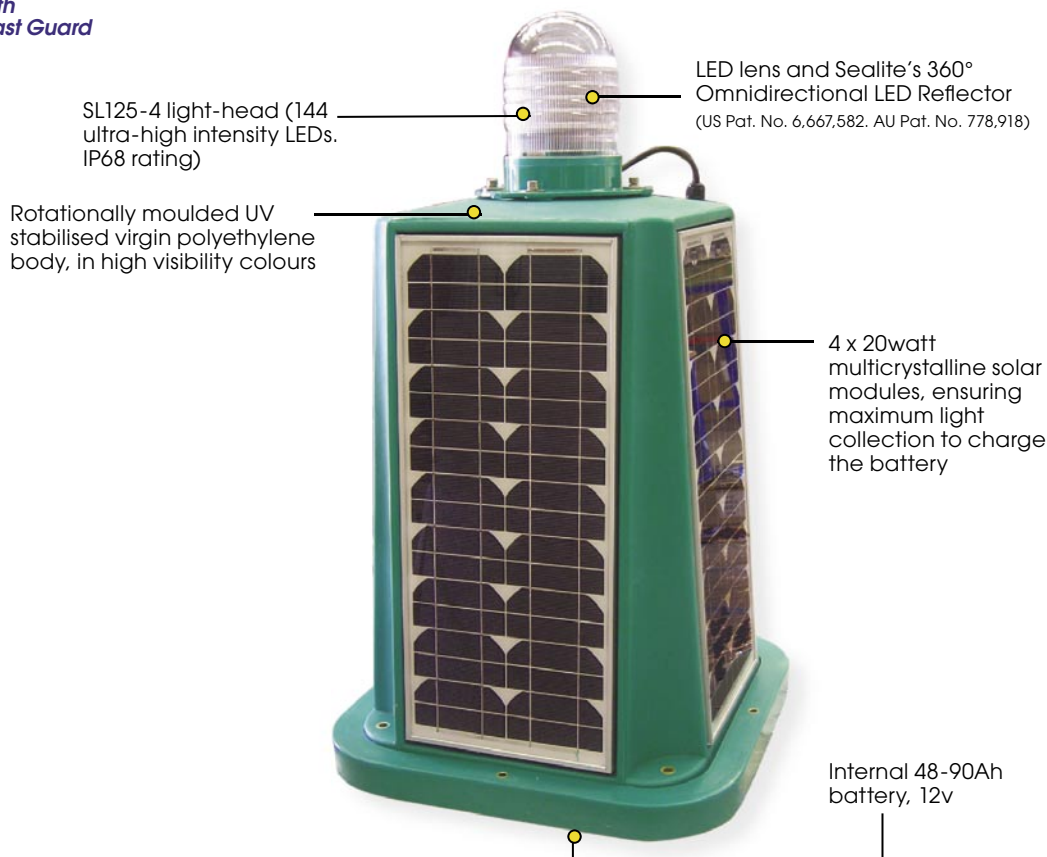


# SLC600

## Compact 6nm Solar Marine Lantern

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



### The Sealite Advantage

- Complete unit - ready for immediate installation
- 4 x 20watt solar modules
- 48-90Ah battery
- High-visibility colours
- Impact / weather resistant polyethylene

**The SLC600, the world's largest self-contained LED lantern, is a 6nm Solar LED 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 20watt solar modules mounted to collect sunlight at all angles.

The SLC600 is moulded from UV stabilised virgin polyethylene, providing enormous impact and weather resistance, in addition to high visibility IALA colours.

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 SLC600 is also available with internal GPS Synchronisation (SLC600-GPS).



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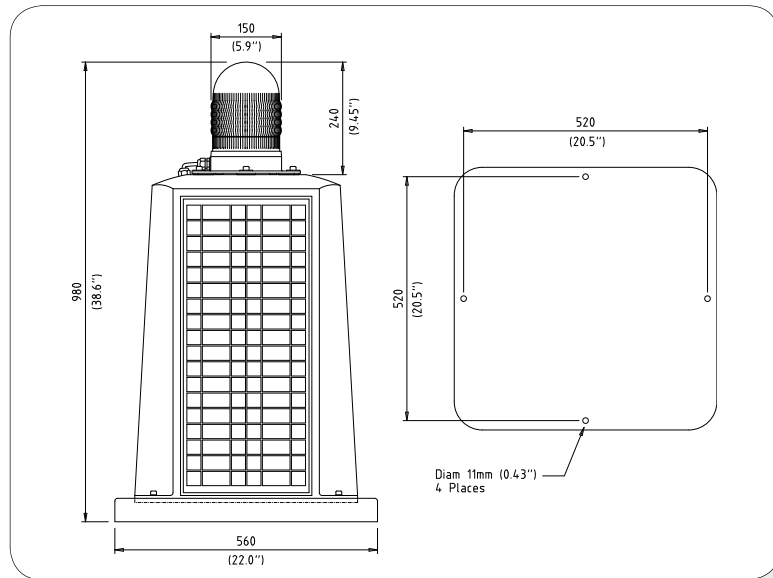
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# SLC600 Compact 6nm Solar Marine Lantern



The light-head of the SLC600 may be fitted with up to 4 tiers of LEDs, enabling up to 7nm visible range.

In addition, the large power system allows multiple ancillary equipment to be included in the assembly including monitoring and Automatic Identification Systems (AIS).



## 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)

SL125-4 (144 LED lantern as standard)  
Red, Green, White, Yellow, Blue  
>250  
>6  
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  
Operating Voltage (v)  
Autonomy (days)

Red, Yellow - 1275  
Green, White - 960  
Integrated  
12  
20 (14 hour darkness, 12.5% duty cycle)

### Solar Characteristics

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

Multicrystalline  
80 (4 x 20watt)  
14  
Microprocessor controlled

### Power Supply

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

SLA (Sealed Lead Acid)  
48-90  
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</sup>/<sub>8</sub>  
External optics with interior flute design  
4 x 11mm mounting holes  
980 / 38<sup>5</sup>/<sub>8</sub>  
560 / 22  
31 / 68<sup>1</sup>/<sub>4</sub>  
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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