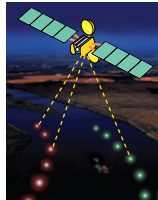


SLC600

Compact 6nm Solar Marine Lantern

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



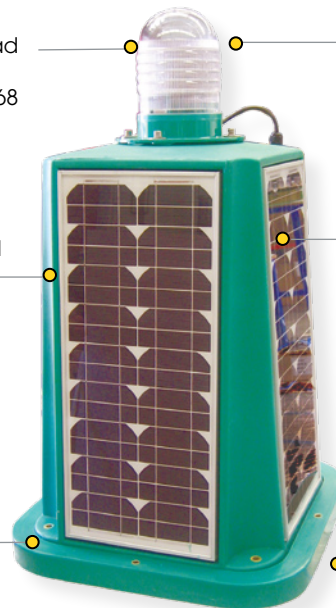
Available with internal GPS synchronisation or GSM Cell-phone Monitoring



SL125-4 light-head (144 ultra-high intensity LEDs. IP68 rating)

Rotationally moulded UV-stabilised virgin polyethylene body

High visibility IALA colours



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

4 x 20watt multicrystalline solar modules, ensuring maximum light collection to charge the battery

Internal 80Ah battery

The Sealite Advantage

- Complete unit - ready for immediate installation
- Impact & weather resistant polyethylene
- 256 IALA flash patterns, user-adjustable without the need for external devices
- Tempered glass solar modules for peak efficiency
- Automatic night activation
- Vertical light emissions to maintain visibility when passing adjacent to light

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.

Optional GPS Synchronisation (SLC600-GPS)

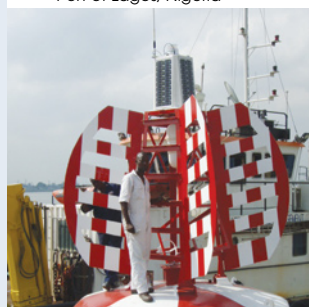
The SLC600 is also available with optional GPS synchronisation enabling users to clearly mark channels, ports, rivers and entrances, marinas, aquaculture installations and exclusion zones with independent lanterns which flash in synchronisation.

When lanterns flash in synchronisation, they can be clearly distinguished from other nav aids and confusing background lighting.

Optional GSM Remote Monitoring (SLC600-GSM) and AIS Integration (SLC600-AIS)

The SLC600 may also be fitted with GSM or AIS remote monitoring systems - enabling users to access real-time diagnostic data remotely. AIS integration also enables crucial Message 21 information to be broadcast to mariners within the region.

SLC600 AIS enabled lantern, Port of Lagos, Nigeria



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).



Head Office:
Sealite Pty Ltd
AUSTRALIA

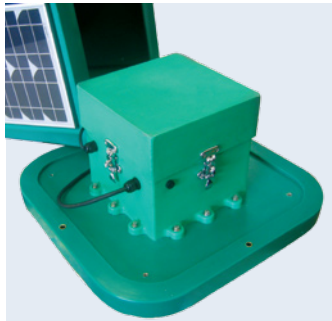
Ph. +61 (0)3 5977 6128
Fax. +61 (0)3 5977 6124
Internet: www.sealite.com.au
Email: info@sealite.com.au

USA Customers:
Sealite USA
USA (Gilford, NH)

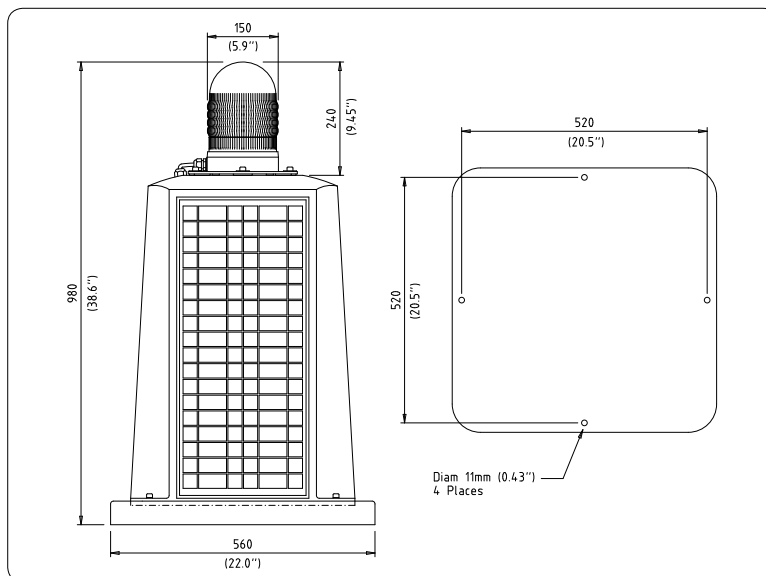
Ph. (603) 524-6066
Fax. (603) 524-8100
Internet: www.sealiteusa.com
Email: info@sealiteusa.com

SLC600

Compact 6nm Solar Marine Lantern



Convenient battery replacement



SPECIFICATIONS •

Light Characteristics

Light Source	SL125-4 (144 LED lantern as standard)
Available Colours	Red, Green, White, Yellow, Blue
Peak Intensity (cd)	>250
Visible Range (nm)	>6
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

Circuit Protection	Integrated
Nominal Voltage (v)	12
Autonomy (days)	20 (14 hour darkness, 12.5% duty cycle)
Temperature Range	-40 to 80°C

Solar Characteristics

Solar Module Type	Multicrystalline
Output (watts)	80 (4 x 20watt)
Solar Module Efficiency (%)	14
Charging Regulation	Microprocessor controlled

Power Supply

Battery Type	SLA (Sealed Lead Acid)
Battery Capacity (Ah)	80
Nominal Voltage (v)	12
Battery Service Life	Average 5 years

Physical Characteristics

Body Material	Rotationally moulded UV-stabilised virgin polyethylene
Lens Material	LEXAN® Polycarbonate - UV-stabilised
Lens Diameter (mm/inches)	150 / 5 ⁷ / ₈
Lens Design	External optics with interior flute design
Mounting	4 x 11mm mounting holes
Height (mm/inches)	980 / 38 ⁵ / ₈
Width (mm/inches)	560 / 22
Mass (kg/lbs)	31 / 68 ¹ / ₄
Product Life Expectancy	Up to 12 years

Certifications

CE	EN61000-6-3:1997. EN61000-6-1:1997
Quality Assurance	ISO9001:2000
Waterproof	IP68 light-head

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 *

Full 3 years

Options Available

- 200mm OD mounting plate
- Hard-wire or GPS synchronisation
- Remote monitoring (via GSM cell-phone- SLC600-GSM or AIS)
- Note - remote monitoring will reduce visible range of lantern due to increased power consumption

CE

• Specifications subject to change or variation without notice

* Subject to standard terms and conditions



Head Office:
Sealite Pty Ltd
AUSTRALIA

Ph. +61 (0)3 5977 6128
Fax. +61 (0)3 5977 6124
Internet: www.sealite.com.au
Email: info@sealite.com.au

USA Customers:
Sealite USA
USA (Gilford, NH)

Ph. (603) 524-6066
Fax. (603) 524-8100
Internet: www.sealiteusa.com
Email: info@sealiteusa.com