

SLC300

Compact 3nm Solar Marine Lantern

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

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



20 LED light-head (IP68 rating)

Lens designed specifically for use with LEDs

4 x 2watt multicrystalline solar modules, ensuring maximum light collection to charge the battery

Internal 7.5Ah battery, 12v

The Sealite Advantage

- Complete unit - ready for immediate installation
- 4 x 2watt solar modules
- 7.5Ah battery
- High-visibility colours
- Impact / weather resistant polyethylene

The SLC300 is a completely self-contained 3nm Solar LED Marine Lantern designed for a range of low maintenance applications.

The light boasts a large internal waterproof battery compartment, a 20 LED flasher unit, and 4 premium-grade 2watt solar modules mounted to collect sunlight at all angles.

The SLC300 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.



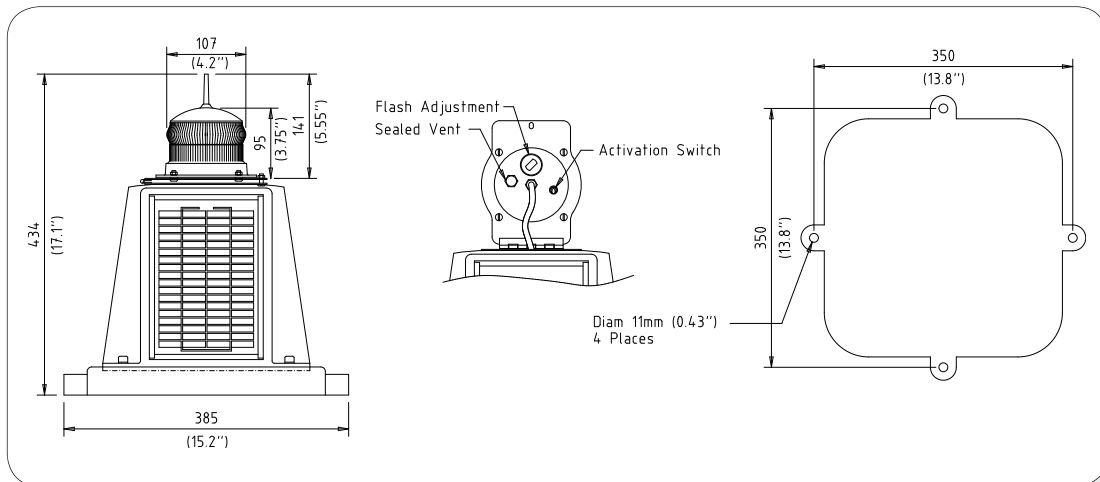
Head Office:
Sealite Pty Ltd
AUSTRALIA

Ph. +61 3 5977 6128
Fax. +61 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

SLC300 Compact 3nm 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)

20 ultra-high intensity LEDs
Red, Green, White, Yellow, Blue
>25
>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
Operating Voltage (V)
Autonomy (days)

120
Integrated
12
20 (14 hour darkness, 12.5% duty cycle)

Solar Characteristics

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

Multicrystalline
8 (4 x 2watt)
14
Microprocessor controlled

Power Supply

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

SLA (Sealed Lead Acid)
7.5
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
107 / 4¹/₄
External optics with interior flute design
4 x 11mm mounting holes
434 / 17¹/₈
385 / 15¹/₈
8 / 17⁵/₈
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 synchronisation
- Remote monitoring

CE

• Specifications subject to change or variation without notice

Head Office:
Sealite Pty Ltd
AUSTRALIA

Ph. +61 3 5977 6128
Fax. +61 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

