

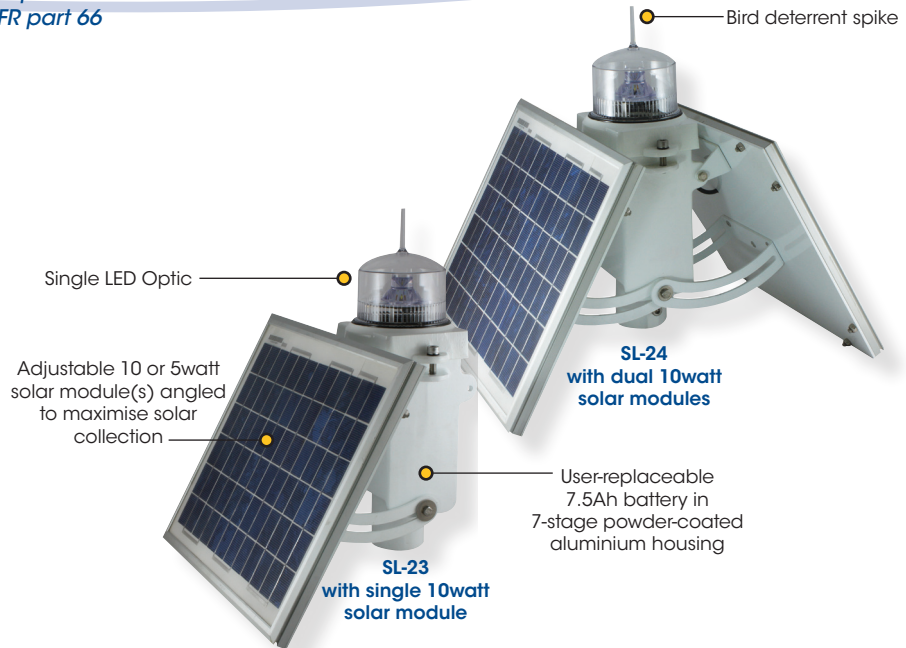
SL-23 / SL-24 & SL-23-5 / SL-24-5

3-5NM+ Solar Marine Lanterns - Traditional Style

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

Next Generation

Single LED Optic ...
Brighter, more efficient



The Sealite Advantage

- Single, high powered LED for superior light output
- Impact resistant battery housing
- >20 day autonomy
- Interchangeable LED flasher unit & replaceable lens assembly
- 256 IALA flash patterns, user-adjustable without the need for external devices

Sealite's 3-5NM+ lanterns represent a traditional approach to marine navigation, combined with the advantage of LED technology.

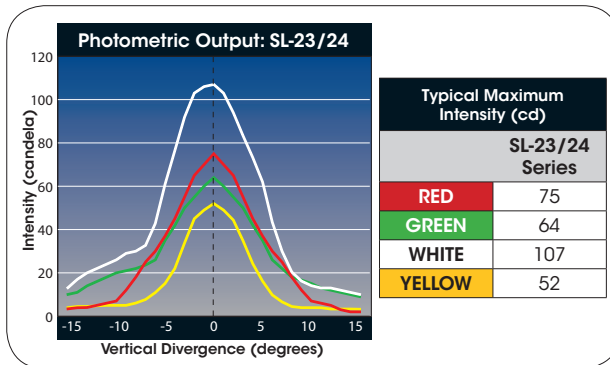
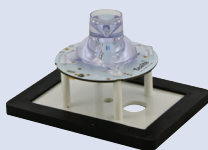
The internal LED flasher unit is interchangeable between lanterns, allowing the operator to replace the flasher unit with another colour at any stage of the product's life. The LED flasher unit is also equipped with 2 rotary switches, allowing the user to change the flash characteristics of the light at any stage.

An easy DIP switch arrangement means the light can be set to any of 4 intensity settings - for differing duty cycles and applications.

The SL-23 and SL-24 model lanterns are the workhorse of the self-contained lantern range, and are specifically designed to operate reliably in a range of low sunlight regions, or as steady-on lights.

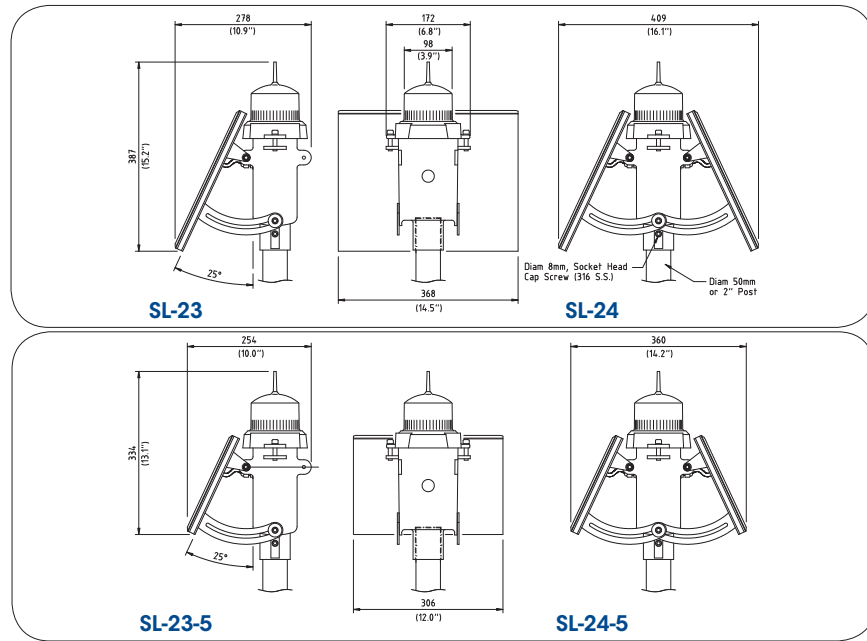
The large 7.5Ah battery provides 20 day autonomy, and the 10watt solar module(s) provide sufficient charge in all seasons.

The lanterns are used extensively by marine departments throughout Canada, Britain, Europe and the United States.



SL-23 / SL-24 & SL-23-5 / SL-24-5

3-5NM+ Solar Marine Lanterns - Traditional Style



Sealite SL-23 marine lights mark the famous Sunshine Skyway Bridge, Tampa, Florida

SPECIFICATIONS* SL-23/23.5 & SL24/24.5

Light Characteristics

Light Source
Available Colours
Typical Maximum Intensity (cd)†
Visible Range (NM)
Horizontal Output (degrees)
Vertical Divergence (degrees)
Available Flash Characteristics
Intensity Adjustments
LED Life Expectancy (hours)

1 LED
Red, Green, White, Yellow, Blue
Red - 75 Green - 64 White - 107 Yellow - 52
3-5+
360
9
Up to 256 IALA recommended (user adjustable)
Adjustable in 25% increments
>100,000

Electrical Characteristics

Current Draw (mA)
Circuit Protection
Nominal Voltage (V)
Autonomy (days)
Temperature Range

Refer to Sealite Power Calculator
Integrated
12
>20 (14 hour darkness, 12.5% duty cycle)
-40 to 80°C

Solar Characteristics

Solar Module Type
Output (watts)

Multicrystalline
SL-23: 10 (1 x 10watt) SL-23-5: 5 (1 x 5watt)
SL-24: 20 (2 x 10watt) SL-24-5: 10 (2 x 5watt)
Microprocessor controlled

Charging Regulation

Power Supply

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

SLA (Sealed Lead Acid)
7.5
12
Average 5 years

Physical Characteristics

Body Material
Lens Material
Lens Diameter (mm/inches)
Lens Design
Mounting
Height (mm/inches)
Width (mm/inches)
Mass (kg/lbs)

7-stage powder-coated aluminium
LEXAN® Polycarbonate - UV-stabilised
107 / 4 1/4
Single LED Optic
50mm OD pole
SL-23: 387 / 15 1/4 SL-23-5: 334 / 13 1/8
SL-24: 387 / 15 1/4 SL-24-5: 334 / 13 1/8
SL-23: 278 / 10 7/8 SL-23-5: 254 / 10
SL-24: 409 / 16 1/8 SL-24-5: 360 / 14 1/4
SL-23: 5.5 / 12 1/8 SL-23-5: 5 / 11
SL-24: 7 / 15 1/2 SL-24-5: 6.5 / 14 1/3
Up to 12 years

Product Life Expectancy

Certifications

CE
Quality Assurance

EN61000-6-3:1997, EN61000-6-1:1997
ISO9001:2008

Intellectual Property

Patents
Trademarks

US Pat. No. 6,667,582, AU Pat. No. 778,918
SEALITE® is a registered trademark of Sealite Pty Ltd
3 years

Warranty*

Options Available

• 200mm bolt pattern mounting plate



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