

Marine Lanterns

1-2 NM Solar Marine Lantern

SL-15

IALA

Optional

On - Off Switch

The Sealite **SL-15 1–2NM+** compact LED light is exceptional value and incorporates some of the most advanced technology available.

In the tradition of Sealite lanterns, the **SL-15** is designed to be maintenance-free and have a service life of over 5 years.



Key Features:

- User-adjustable flash characters
- User-replaceable battery in sealed battery compartment
- Installs in minutes and operates maintenance-free for up to five (5) years
- Completely sealed and self-contained using advanced UV-sealing
- IP68 waterproof
- NiMH battery for long service life and wide temperature range
- Solar Powered

The SL-15 can be installed in minutes and requires no operator intervention. The SL-15 has a rotary switch to allow users to change the flash character of the light without the need for special tools or programmers.

During daylight hours the solar module will charge the battery, and the lantern will automatically begin operation at dusk – once the ambient light threshold drops sufficiently.

The SL-15 features Sealite's Single LED Optic which boasts exceptional power to light output efficiency. The tough outer polycarbonate lens incorporates an environment-friendly spike – deterring unwelcome bird life.

The internally housed battery is user-replaceable after years of reliable service.

SL-15_NonBLE_DATA_EN_V3.65

The unit is sealed using advanced UV-sealing, enabling a rugged and complete waterproof seal capable of prolonged and deep immersion (IP68).

Optional ON/OFF Switch

The SL-15 is also available with an optional ON/OFF switch for temporary installations such as worksites.



AEROMARINE
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Light Characteristics

Light Source	High Efficiency LED
Available Colours	Red, Green, White, Yellow, Blue
Typical Maximum Intensity (cd)†	Red - 6.2 Green - 7.6 White - 6.8 Yellow - 5.9
Visible Range (NM)	AT @ 0.74: 1 – 2+ AT @ 0.85: 1.1 – 2.3+
Horizontal Output (degrees)	360
Vertical Divergence (degrees)	7
Reflector Type	Single LED Optic
Available Flash Characteristics	16 user-adjustable IALA flash characteristics (other flash patterns available on request)
Intensity Adjustments	32 automatic step-down settings based on power demand of flash code selection
LED Life Expectancy (hours)	>100,000

Electrical Characteristics

Current Draw (mA)	Refer to Sealite Power Calculator
Circuit Protection	Integrated
Nominal Voltage (V)	3.6
Autonomy (days)	>50 (14 hour darkness, 12.5% duty cycle)
Temperature Range	-40 to 80°C

Solar Characteristics

Solar Module Type	Monocrystalline
Output (Watts)	0.75

Power Supply

Battery Type	High grade NiMH
Battery Capacity (Ah)	2.4
Nominal Voltage (V)	3.6

Physical Characteristics

Body Material	LEXAN® Polycarbonate – UV-stabilised
Lens Material	LEXAN® Polycarbonate – UV-stabilised
Lens Diameter (mm/inches)	98 / 37/8
Lens Design	Single LED Optic
Mounting	4 x 6 mm mounting holes
Height (mm/inches)	141 / 5 1/2
Width (mm/inches)	136 / 5 3/8
Mass (kg/lbs)	0.5 / 1 1/8
Product Life Expectancy	Up to 12 years^

Compliance

CE	EN61000-6-1:2007. EN61000-6-3:2007 Signal colors compliant to
IALA	
Quality Assurance	IALAE-200-1 ISO 9001:2015
Ingress Protection	IP68

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*	3 years
Options Available	• ON/OFF switch • Custom flash patterns • 50 mm pole mount adapter plate

CE

• Specifications subject to change or variation without notice
* Subject to standard terms and conditions
† Intensity setting subject to solar availability
^ Refer to the Sealite website under the warranty section

SL-15_NonBLE_DATA_EN_V3.65

Ordering This Product

SL-15-07D-B1-[X]-[XX]

1 2 3 4 5

1 Product Number

2 Lens Option:
07D 7 Degree

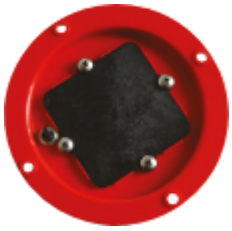
3 Battery Option:
B1 2.4 Ah battery

4 LED Option:
W White
Y Yellow
G Green
R Red
B Blue

5 External Options
00 No external options
01 On/Off Switch



Flash characteristic is selected via internal rotary switch located in the battery compartment

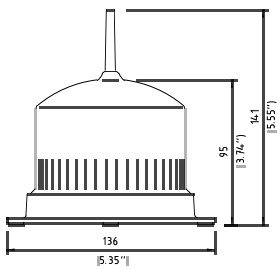


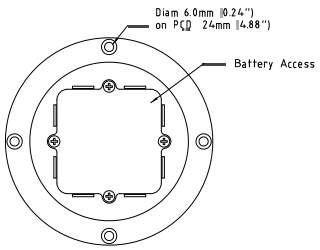
SL-15 with optional ON/OFF switch

Flash Code Table

Flash Setting Code	Flash Sequence (On, Off, On...)
0	Steady Light (intensity reduced)
1	0.5, 1.0
2	0.5, 3.5
3	1.0, 3.0
4	0.5, 5.5
5	0.3, 0.7
6	0.3, 0.7, 0.3, 0.7, 0.3, 0.7, 0.3, 15.7
7	0.3, 1.7
8	0.3, 2.2
9	0.5, 2.0
A	0.3, 2.7
B	0.5, 2.5
C	0.7, 2.3
D	0.5, 4.5
E	1.0, 4.0
F	Custom Setting

Technical Illustrations





IALA | impa International Marine Purchasing Association | International Ship Suppliers & Services Association | Make in India | MSME Ministry of MSME, Govt. of India | IAF

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