# SL-15 — 1–2NM+ Solar Marine Lantern

- Sealite is a global manufacturer of marine aids to navigation.
- We employ leading mechanical, optical, hardware & software engineers to create innovative products to service the needs of our customers worldwide, and offer the widest range of solar-powered LED lanterns in the marketplace.
- Sealite Pty Ltd has been manufacturing lanterns for over 25 years, and particular care has been taken to ensure your lantern gives years of service.
- As a commitment to producing the highest quality products for our customers, Sealite has been independently certified as complying with the requirements of ISO 9001:2015 quality management system.

## Quickstart!

1. Remove the SL-15 Lantern from the packaging.
2. Check if Lantern is switched **ON (Using steps below)**
3. The SL-15 is set to a Flash Code of **0.3 seconds ON & 2.7 seconds OFF - (Switch Position 'A' in Flash Code Table)**
4. If the SL-15 lantern is preset to the **ON** position it is currently in **Sleep Mode**. To activate, expose the lantern to **30 seconds** of sunlight.
5. To check lantern is working, cover the lantern in darkness for at least **30 seconds.**
6. If you wish to alter the Flash Code please follow the steps below **(Adjusting the Flash Code)**, otherwise proceed to install your lantern.
7. Position the lantern in your desired location and secure, utilising the 4 x holes in the flange. Ensure the lantern is bolted to an even, flat surface.

## Turning Lantern ON and Adjusting the Flash Code

1. Remove the 4 x battery cover screws and lift the cover and battery out of the compartment to expose the adjustment plug.
2. Unscrew the adjustment plug.
3. Ensure internal lantern switch is set in the **ON** position.
4. Using a small flat bladed screwdriver adjust the Flash Code to the desired setting. **(Refer to Flash Code Table)**
5. Cover the lantern, in darkness, for at least **30 seconds** to activate the lantern sensor. Make sure the lantern is flashing correctly.
6. Uncover the lantern and wait at least **30 seconds** to make sure the lantern turns off in daylight.
7. Insert the adjustment plug and replace the battery.
8. Replace the cover and secure using the 4 x screws. Do Not over tighten screws.

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**Charging the Battery**

New lanterns should be left in the sun for 1-2 days to ensure battery is charged before placing in service. Please note, lantern will re-charge even when switch is turned to 'OFF' position.
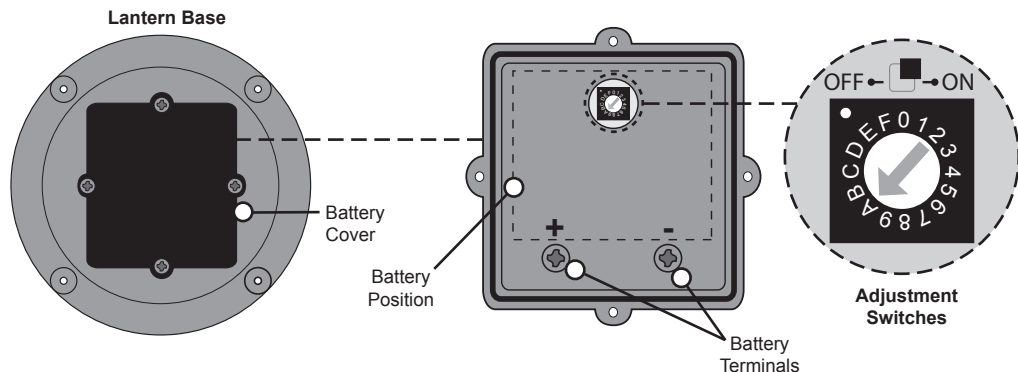
**Preferred Installation Location**

For best lantern performance, ensure solar modules are not covered and are in clear view of the sky with no shadows.

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## SL-15 — Diagram

**Lantern Base**

Battery Cover

Battery Position

Battery Terminals

OFF ◄—■—► ON

**Adjustment Switches**

## SL-15 — Flash Code Table

| SWITCH POSITION | FLASH SETTING | | DUTY CYCLE |
|---|---|---|---|
| | **ON (sec)** | **OFF (sec)** | |
| **0** | Steady On | | 100% |
| **1** | 0.5 | 1.0 | 33% |
| **2** | 0.5 | 3.5 | 12.5% |
| **3** | 1.0 | 3.0 | 25% |
| **4** | 0.5 | 5.5 | 8.5% |
| **5** | 0.3 | 0.7 | 30% |
| **6** | 0.3 (On), 0.7 (Off), 0.3, 0.7, 0.3, 0.7, 0.3, 15.7 | | 6.5% |
| **7** | 0.3 | 1.7 | 15% |
| **8** | 0.3 | 2.2 | 12% |
| **9** | 0.5 | 2.0 | 20% |
| **A** | 0.3 | 2.7 | 10% |
| **B** | 0.5 | 2.5 | 16.5% |
| **C** | 0.7 | 2.3 | 23.5% |
| **D** | 0.5 | 4.5 | 10% |
| **E** | 1.0 | 4.0 | 20% |
| **F** | Custom Flash Code Position - (on request) | | |

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To Download Full Installation Manual and Reference to more options of this product
Goto: http://www.sealite.com/products/marine-lanterns/1-2nm-solar-marine-lantern
Or scan the QR code >

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