

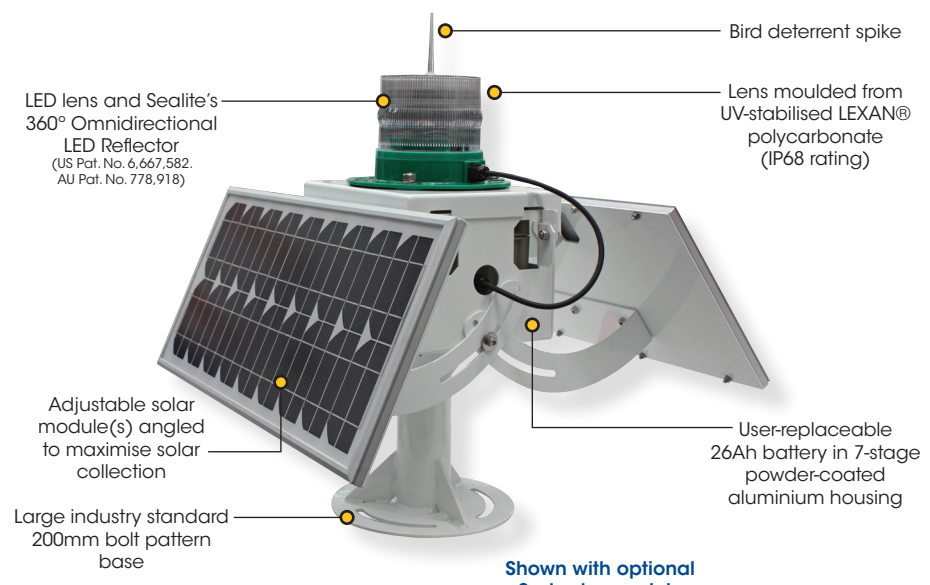
# 5-7NM+ Complete Marine Lantern Assembly

## SL-125-C Type 1 Complete

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

**Optional**

GSM  
GPS Sync  
Hard-wire Sync

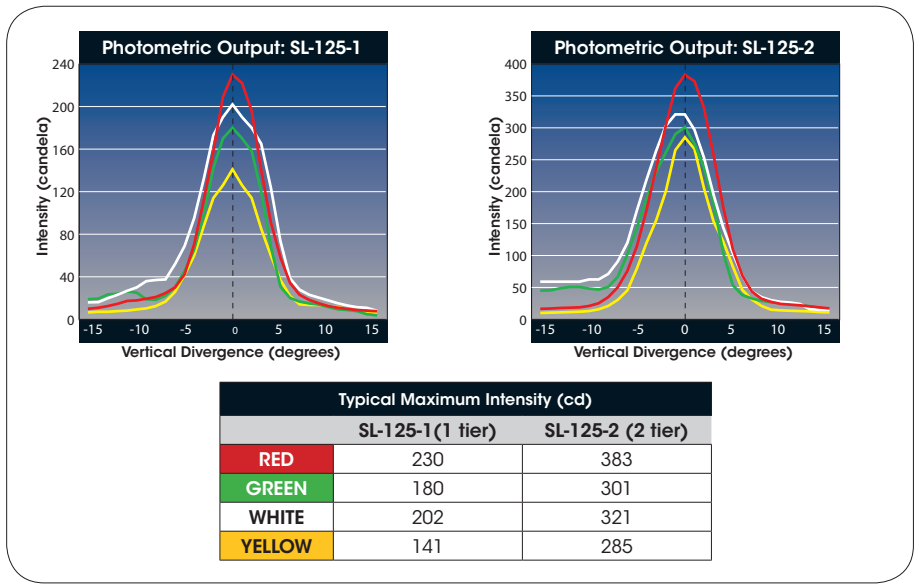


### The Sealite Advantage

- Complete lantern assembly
- SL-125 light head available with up to 2 tiers of ultra-high intensity LEDs for increased light intensity
- 256 user-adjustable flash characteristics
- Multiple intensity settings
- Impact resistant battery housing
- Vertical light emissions to maintain visibility when passing adjacent to light

### The SL-125-C Type 1 Complete Lantern Assembly provides a complete solution for visual navigation requirements.

The SL-125-C Type 1 offers unique flexibility, and is available in varying configurations to suit a range of installation and intensity requirements. The powder-coated 3mm aluminium housing is laser-cut, and robotically folded for guaranteed precision every time. One or two 20watt solar module(s) are fitted as standard, and the unit can be readily equipped with ancillary equipment. A modular design, all components of the system are replaceable in the unlikely event of damage to the unit. The battery is accessed through the top of the lantern assembly, via a robust swing-hinge. Access to the user-adjustable flash and intensity settings is also achieved through this design. The solar modules are extendable to 51 degrees as standard, with the option to increase in equatorial regions.



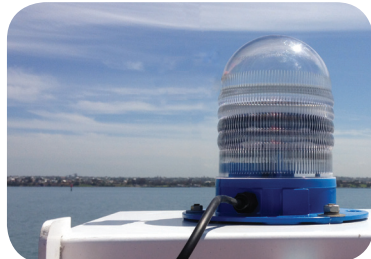
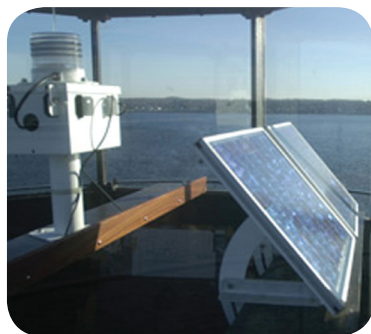
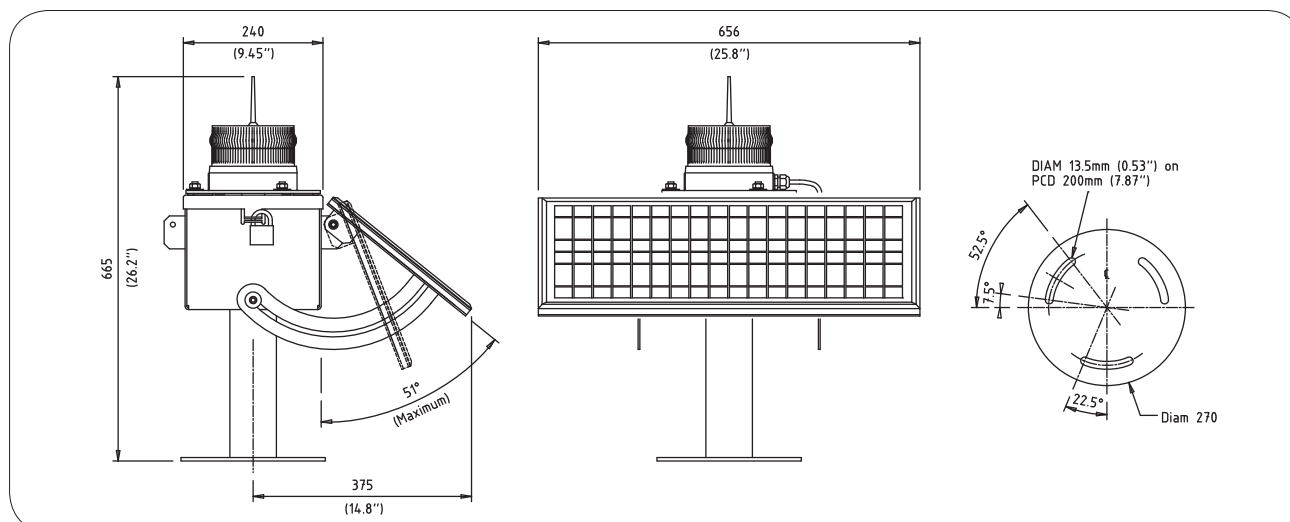
Range of SL-125 light heads to suit intensity requirements

**ORDER CODES: SL-125-C Type 1**

SL-125-1-CT1-1	SL-125 1-Tier. Complete Lantern Assembly. Single 20w Solar Module.
SL-125-1-CT1-2	SL-125 1-Tier. Complete Lantern Assembly. Dual 20w Solar Modules.
SL-125-2-CT1-1	SL-125 2-Tier. Complete Lantern Assembly. Single 20w Solar Module.
SL-125-2-CT1-2	SL-125 2-Tier. Complete Lantern Assembly. Dual 20w Solar Modules.

# 5-7NM+ Complete Marine Lantern Assembly

## SL-125-C Type 1 Complete



### SPECIFICATIONS\* \* SL-125-C Type 1

#### Light Characteristics

Light Source  
Available Colours  
Typical Maximum Intensity (cd)†  
Visible Range (NM)

Horizontal Output (degrees)  
Vertical Divergence (degrees)  
Reflector Type

Available Flash Characteristics  
Intensity Adjustments  
LED Life Expectancy (hours)

#### Electrical Characteristics

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

#### Solar Characteristics

Solar Module Type  
Output (watts)

Charging Regulation

#### Power Supply

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

#### 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

#### Certifications

CE

IALA  
Quality Assurance  
Waterproof

#### Intellectual Property

Patents  
Trademarks

#### Warranty \*

#### Options Available

SL-125-1 or SL-125-2  
Red, Green, White, Yellow, Blue  
Refer to Typical Maximum Intensity Table for SL-125-1 or SL-125-2  
AT @ 0.74: 5-7+  
AT @ 0.85: 6.3-9.3+  
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

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

Multicrystalline  
20 (SL-125-1-CT1-1 and SL-125-2-CT1-1 configurations)  
40 (SL-125-1-CT1-2 and SL-125-2-CT1-2 configurations)  
Microprocessor controlled

Gel SLA  
26  
12

7-stage powder-coated aluminium  
LEXAN® Polycarbonate - UV-stabilised  
150 / 5 7/8  
External optics with interior flute design  
200mm bolt pattern  
From 665 / 26 1/4  
656 / 25 3/4  
From 18 / 39 5/8  
Up to 12 years

EN61000-6-3:2001. EN61000-6-1:2001. EN55022. EN61000-4-2:1995.  
EN61000-4-3:2002  
USCG specification HSCG23-05-R-E43013, including Change 1.  
Signal colours compliant to IALA E-200-1  
ISO9001:2008  
IP68 light head. IP66 battery compartment

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

- Single or dual solar module(s)
- GPS Synchronisation
- Hard-wire Synchronisation
- GSM Monitoring & Control System
- 10 degree lens (SL-125-1)
- 40 watt panels



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