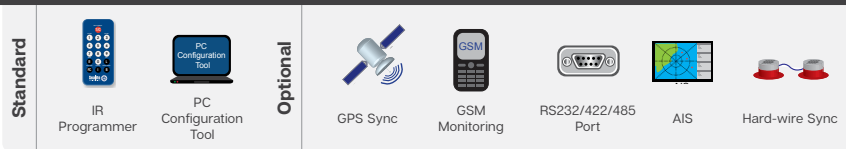
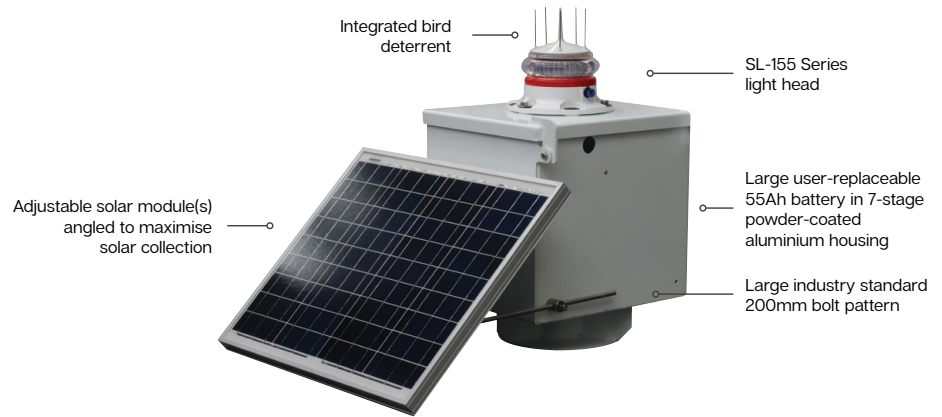


6–13NM+ Complete Marine Lantern Assembly

SL-155-C Type 2 Complete



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



The SL-155-C Type 2 Complete Lantern Assembly incorporates a larger battery housing to the standard SL-155-C Type 1 assembly, enabling greater autonomy particularly in lower sunlight regions.

The SL-155-C Type 2 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 40watt solar module(s) are fitted to power longer-range requirements or ancillary equipment, with large 55Ah battery.

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.



SL-125-C lanterns installed at marina, Venice, Italy



Port of Geelong, Australia

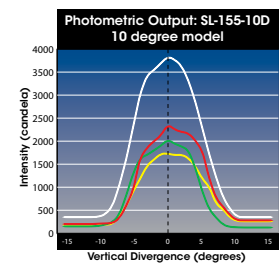
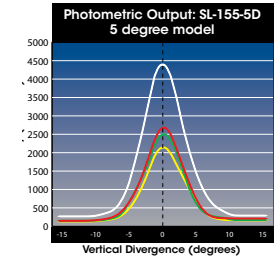
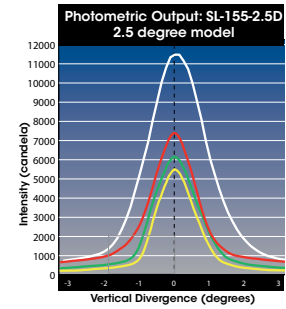
The Sealite Advantage

- Complete lantern assembly with large battery housing for low sunlight regions or high duty cycles
- 310 user-adjustable flash characteristics
- Multiple intensity settings
- Impact resistant battery housing
- Vertical light emissions to maintain visibility when passing adjacent to light

Technical Specifications*

SL-155-C Type 2	
Light Characteristics	
Light Source	SL-155 2.5D, SL-155 5D, SL-155 10D
Available colors	Red, Green, White, Yellow, Blue
Typical Maximum Intensity (cd) [†]	Refer to Typical Maximum Intensity Table for SL-155 Series range
Visible Range (NM)	AT @ 0.74: 6-13 AT @ 0.85: 7.8-19.2
Horizontal Output (degrees)	360°
Vertical Divergence (degrees)	2.5, 5, 10
Reflector Type	Omnidirectional 360° LED Reflector (US Pat. No. 6,667,582. AU Pat. No. 778,918)
Available Flash Characteristics	Up to 310 IALA recommended (user adjustable)
Intensity Adjustments	Adjustable in 25% increments
LED Life Expectancy (hours)	>100,000
Electrical Characteristics	
Current Draw (mA)	Refer to Sealite Power Calculator
Circuit Protection	Reverse polarity
Nominal Voltage (V)	12
Autonomy (days)	>20 (14 hour darkness, 12.5% duty cycle)
Temperature Range	-40 to 80°C
Solar Characteristics	
Solar Module Type	Multicrystalline
Output (watts)	40 (SL-155-1-CT2-1, SL-155-2-CT2-1, SL-155-3-CT2-1 and SL-155-4-CT2-1) 65 (SL-155-1-CT2-2, SL-155-2-CT2-2, SL-155-3-CT2-2 and SL-155-4-CT2-2)
Charging Regulation	Microprocessor controlled
Power Supply	
Battery Type	Gel SLA
Battery Capacity (Ah)	110
Nominal Voltage (V)	12
Physical Characteristics	
Body Material	7-stage powder-coated aluminium
Lens Material	LEXAN® Polycarbonate – UV-stabilised
Lens Diameter (mm/inches)	150 / 5 ^{7/8}
Lens Design	External optics with interior flute design
Mounting	200mm bolt pattern
Height (mm/inches)	From 570 / 22 ^{1/2}
Width (mm/inches)	665 / 26 ^{1/4}
Mass (kg/lbs)	From 45 / 99 ^{1/4}
Product Life Expectancy	Up to 12 years [^]
Certifications	
CE	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.
IALA	Signal colours compliant to IALA E-200-1
Quality Assurance	ISO 9001:2015
Waterproof	IP68 light head. IP66 battery compartment
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-year warranty	
Options Available	
<ul style="list-style-type: none"> SL-125 Series Lantern 110Ah battery GPS Synchronisation AIS Remote Monitoring Extended base post 	<ul style="list-style-type: none"> Single or dual solar module(s) 65watt solar module (single or dual configuration) Hard-wire Synchronisation GSM Monitoring & Control System 10 degree lens (SL-125-1)

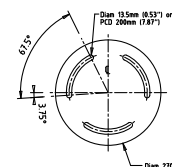
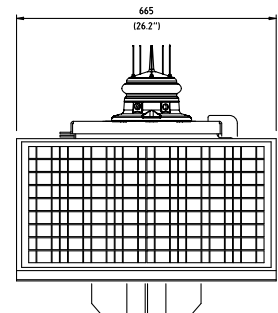
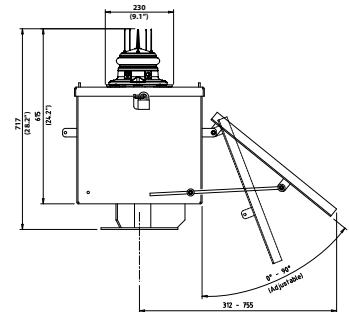
Photometric Output



Optical Performance

Maximum luminous intensity (cd)

	RED	GREEN	WHITE	YELLOW
2.5deg	7,357	6,052	11,505	5,414
5deg	2,765	2,796	4,611	2,778
10deg	2,581	2,213	3,910	2,041



We believe technology improves navigation™



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