

Class 'B' & 'C' Solar Lantern

SL-CGB310-W

US Coast Guard approved Class 'B' lantern

The SL-CGB310-W is a self-contained solar marine lantern designed to meet the United States Coast Guard requirements for Class 'B' and Class 'C' structures.

The lantern incorporates (4) premium grade solar modules and large 12Ah battery integrated into the assembly, and is available with GPS synchronisation. Using overhead satellites, lights set to the same flash pattern will flash in unison.

The larger SL-CGB415-W model may also be fitted with GSM Cell-Phone Monitoring and Control - enabling users to access real-time diagnostics data via cell-phone. The system can also be configured to send out alarm SMS text messages to designated cellular telephone numbers. Users can also have alarms and reports sent to designated email addresses.



- LED Optic
- 4 x 3watt (12watts total) multicrystalline solar modules, ensuring maximum light collection to charge the battery
- Internal 12Ah battery
- Robust 7-stage powder-coated aluminium chassis with rubber extruded corners
- 3 & 4 hole 200mm bolt pattern base for ease of installation

The Sealite Advantage

- U.S. Coast Guard Approved
- User-replaceable battery in sealed battery compartment
- >45 day autonomy
- 200mm bolt pattern for immediate installation on existing structures
- IP68 waterproof

The SL-CGC60-W is a United States Coast Guard approved Class 'C' structure lantern specifically designed to meet the needs of Class 'C' structures in the Gulf of Mexico.

The unit is completely self-contained with an integrated solar/battery system, and can be easily installed in minutes. The flash characters are adjustable onsite by the user, and the lantern has a permanent ON/OFF storage switch.

The SL-CGC60-W's large 16Ah battery enables greater than 45 days autonomy. The battery is housed in a sealed compartment (IP68 waterproof) allowing for replacement after years of maintenance-free service.

The IP68 waterproof sealed connector and momentary switch on the lantern enable maintenance personnel to simply connect a test lead to diagnose the battery voltage and solar charging rate, in accordance to maintenance contracts.

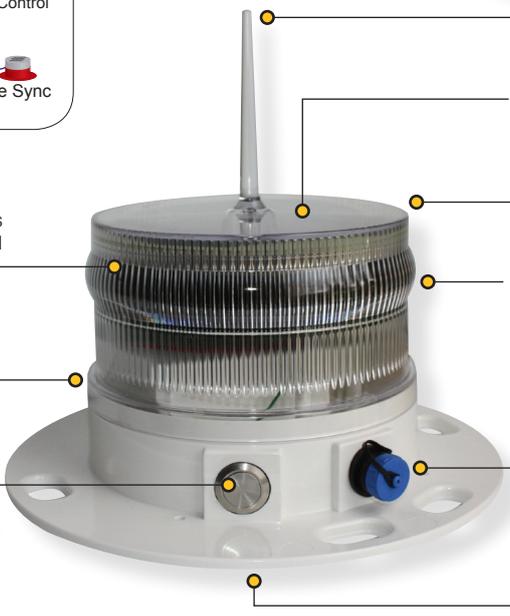
Class 'C' Solar Lantern

SL-CGC60-W

The most advanced USCG approved Class 'C' lantern available



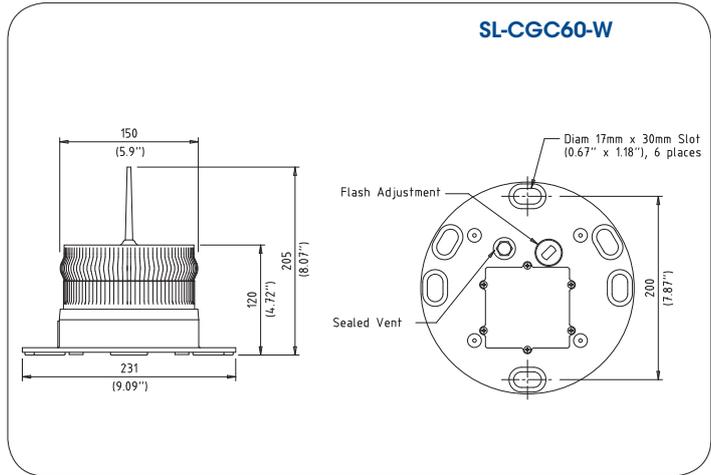
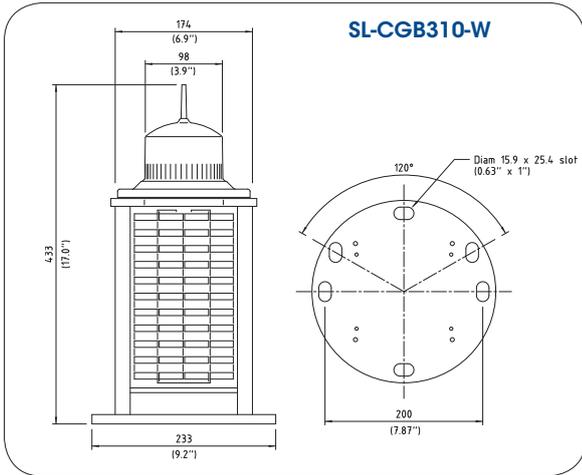
External connector & momentary switch for ease of diagnostic testing to meet maintenance contract requirements



- Bird deterrent spike
- Large internal solar module
- Automatic night activation
- 6 ultra-high intensity LEDs
- IP68 connector for diagnostic test lead
- Internal user-replaceable battery in sealed compartment
- LED lens and Sealite's 360° Omnidirectional LED Reflector (US Pat. No. 6,667,582. AU Pat. No. 778,918)
- Moulded from UV-stabilised virgin polycarbonate
- Momentary switch (operator presses this to obtain diagnostics)

Class 'B' & 'C' Solar Lanterns

SL-CGB310-W / SL-CGC60-W



SPECIFICATIONS* *	SL-CGB310-W	SL-CGC60-W
USCG Approval	Class B & C	Class C
Light Characteristics	LED White White - >25 AT @ 0.74: >3 AT @ 0.85: >3.5 360 >7 Up to 256 IALA recommended (user adjustable) Multiple intensity settings >100,000 Standard via GPS module	6 ultra-high intensity LEDs White 10 Candela (@ QF 0.3sec ON) AT @ 0.74: >1 AT @ 0.85: >1.1 360 9 Up to 256 IALA recommended (user adjustable) Adjustable in 25% increments >100,000 Optional via GPS module, hard-wire or internal RF module
Electrical Characteristics	Refer to Sealite Power Calculator Integrated 12 >60 (14 hour darkness, 12.5% duty cycle) -40 to 80°C	Minimal Integrated 3.6 >45 (>30 days for SL-CGC60-W-CS) -40 to 80°C
Solar Characteristics	Multicrystalline 12 (4 x 3watt) Microprocessor controlled	Multicrystalline 1.4 (2.5watt for SL-CGC60-W-CS) Microprocessor controlled
Power Supply	Gel SLA 12 12	High grade NiMH 16 3.6
Physical Characteristics	7-stage powder-coated aluminium chassis with UV-stabilised rubber corners & gaskets LEXAN® Polycarbonate - UV-stabilised Single LED Optic 3 & 4 hole 200mm bolt pattern 433 / 17 233 / 9 1/8 9.4 / 20 3/4 Up to 12 years	LEXAN® Polycarbonate - UV-stabilised 150 / 5 7/8 External optics with interior flute design 200mm bolt pattern 205 / 8 1/8 (240mm / 9 1/2 inches for SL-CGC60-W-CS) 231 / 9 1/8 1.5 / 3 1/8 Up to 12 years
Certifications	CE EN61000-6-3:1997. EN61000-6-1:1997	EN61000-6-3:2001. EN61000-6-1:2001. EN55022. EN61000-4-2:1995. EN61000-4-3:2002. Signal colours compliant to IALA E-200-1 ISO9001:2008 IP68
Intellectual Property	SEALITE® is a registered trademark of Sealite Pty Ltd 3 years	US Pat. No. 6,667,582. AU Pat. No. 778,918 SEALITE® is a registered trademark of Sealite Pty Ltd 3 years
Options Available	<ul style="list-style-type: none"> 50mm pole mount adapter plate IR Programmer External ON/OFF Switch External Battery Charging Port GPS Synchronisation: enable/disable 5° Lens 	<ul style="list-style-type: none"> GPS Synchronisation RF Synchronisation Hard-wire Synchronisation Radio Control System



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