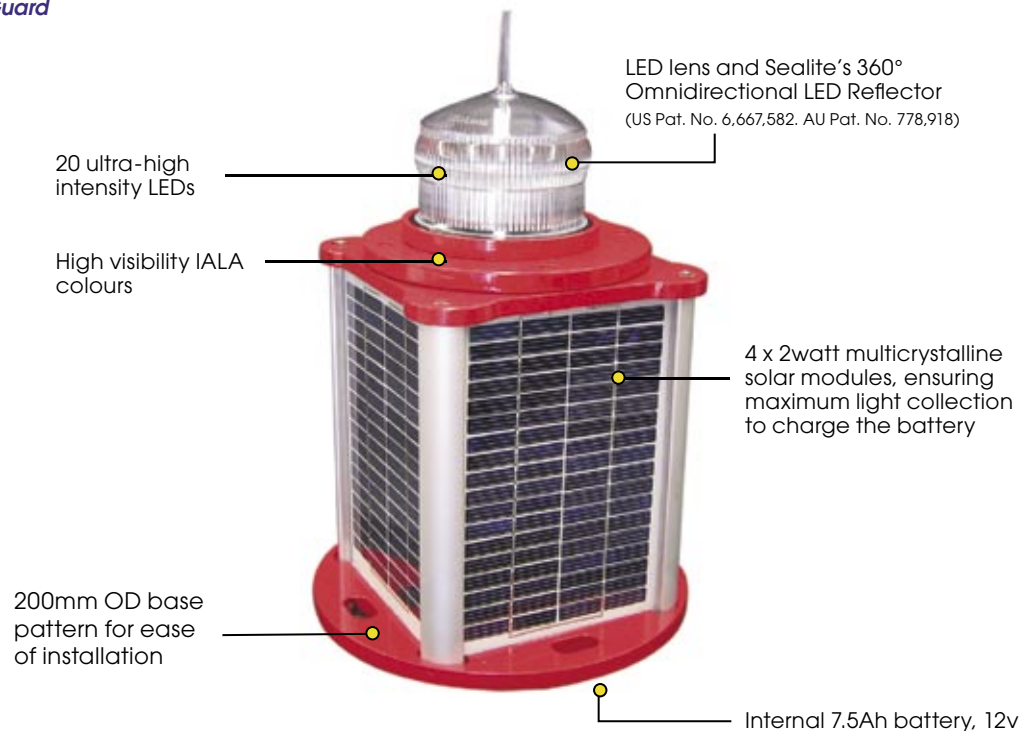


# SLC310

## Compact 3nm Solar Marine Lantern

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



### The Sealite Advantage

- 200mm OD base pattern for immediate installation on existing structures
- 4 x 2watt solar modules
- 7.5Ah battery
- Sturdy 7-stage powder-coated support frame

### The SLC310 is a robust completely self-contained 3nm Solar LED Marine Lantern designed to fit directly onto existing 200mm OD structures.

The unit is made from cast aluminum, subject to 7-stage powder-coating in high visibility IALA colours for daytime recognition. Four (4) premium-grade solar modules are integrated into the assembly, and mounted to collect sunlight at all angles.

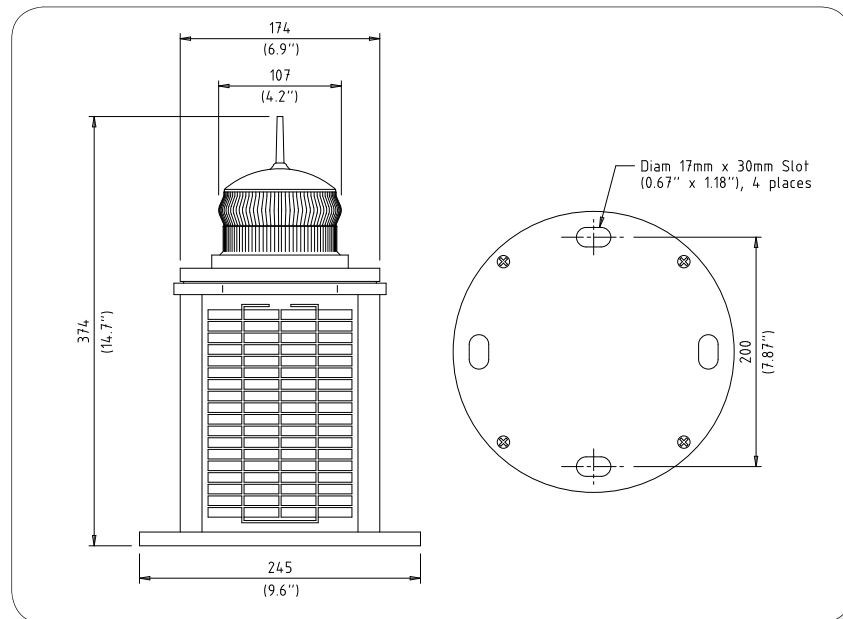
The solar array charges an internal 7.5Ah battery during daylight hours, and at dusk the light will automatically begin operation.

The unit is capable of producing any of 256 IALA recommended flash characters - field-adjustable without the need for ancillary equipment.

The tough polycarbonate lens is specifically designed for use with LEDs, and incorporates an environment-friendly spike - deterring unwelcome bird life.



# SLC310 Compact 3nm Solar Marine Lantern



## SPECIFICATIONS •

### Light Characteristics

Light Source	20 ultra-high intensity LEDs
Available Colours	Red, Green, White, Yellow, Blue
Peak Intensity (cd)	>25
Visible Range (nm)	>3
Horizontal Output (degrees)	360
Vertical Divergence (degrees)	9
Reflector Type	Omnidirectional 360° LED Reflector (US Pat. No. 6,667,582. AU Pat. No. 778,918)
Available Flash Characteristics	Up to 256 IALA recommended (user adjustable)
Intensity Adjustments	Adjustable in 25% increments
LED Life Expectancy (hours)	100,000

### Electrical Characteristics

Current Draw (mA)	120
Circuit Protection	Integrated
Operating Voltage (V)	12
Autonomy (days)	20 (14 hour darkness, 12.5% duty cycle)

### Solar Characteristics

Solar Module Type	Multicrystalline
Output (watts)	8 (4 x 2 watt)
Solar Module Efficiency (%)	14
Charging Regulation	Microprocessor controlled

### Power Supply

Battery Type	SLA (Sealed Lead Acid)
Battery Capacity (Ah)	7.5
Nominal Voltage (V)	12

### Physical Characteristics

Body Material	7-stage powder-coated aluminium
Lens Material	LEXAN® Polycarbonate – UV stabilised
Lens Diameter (mm/inches)	107 / 4 1/4
Lens Design	External optics with interior flute design
Mounting	200mm OD base pattern
Height (mm/inches)	374 / 14 3/4
Width (mm/inches)	245 / 9 2/8
Mass (kg/lbs)	6.4 / 14 1/8
Product Life Expectancy	Up to 12 years

### Certifications

CE	EN61000-6-3:1997. EN61000-6-1:1997
Quality Assurance	ISO9001:2000

### 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

- Hard wire synchronisation
- Remote monitoring

CE

• Specifications subject to change or variation without notice

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