SL30 / SL32
Self-Contained Lanterns

Sealite®
www.sealite.com.au

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

Bird deterrent spikes

LED lens and Sealite's 360° Omnidirectional LED Reflector
(US Pat. No. 6,667,582. AU Pat. No. 778,918)

Automatic night activation

Interchangeable LED digital flasher unit, and replaceable lens assembly

Solar module(s) angled to maximise solar radiation collection

User-replaceable battery in 7-stage powder coated aluminium, impact resistant housing

SL30- with single 2watt solar module

Available with optional 200mm OD mounting plate for ease of installation

SL32- with dual 2watt solar modules
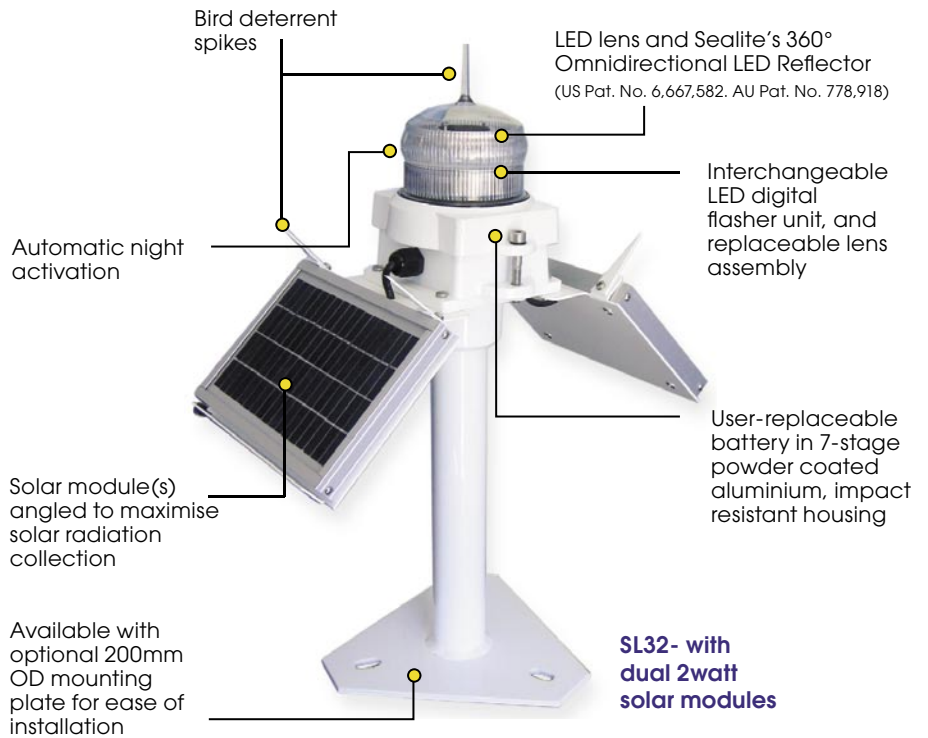
The Sealite Advantage

- 2watt solar module(s)
- 1.3Ah battery
- 4 day autonomy
- Interchangeable 20 LED flasher units

The SL30 and SL32 3-4 nautical mile LED lanterns perform exceptionally well in medium-high sunlight regions. The units are ideal for fixed and buoy installations including navigation, hazard lighting, perimeter lighting and a range of other applications.

The lanterns have gained wide acceptance with marine departments, and are extremely popular across Australia, and extensively used throughout the Middle East, Asia, South America and the Maldives.

The SL30 and SL32 lanterns remain the most affordable 3-4 nautical mile lights available.

The lanterns are covered by the Sealite 3-year warranty, and all components are replaceable, and can be purchased individually in the unlikely event of damage to the unit.
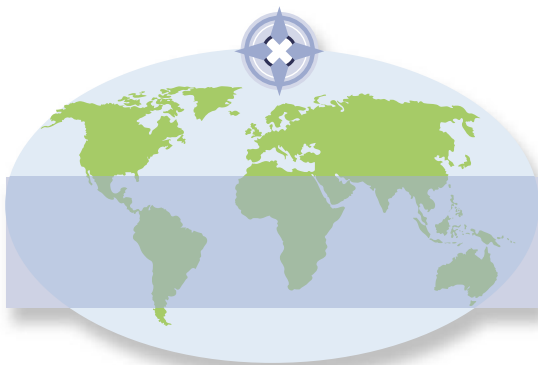
Operational Area •

• Operational region maps are a guide only.

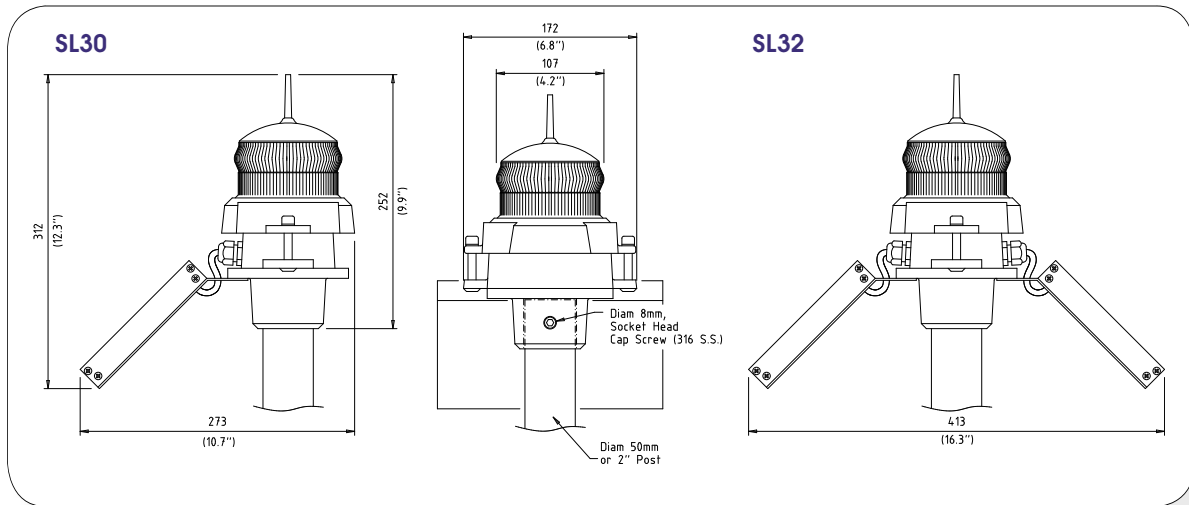SL32 installed on buoy, Docklands, Melbourne, Australia

SL30

172
(6.8'')

107
(4.2'')

SL32

312
(12.3'')

252
(9.9'')

Diam 8mm,
Socket Head
Cap Screw (316 S.S.)

273
(10.7'')

Diam 50mm
or 2'' Post

413
(16.3'')

SPECIFICATIONS •

Light Characteristics

Light Source	20 ultra-high intensity LEDs
Available Colours	Red, Green, White, Yellow, Blue
Peak Intensity (cd)	Refer to table on page 23
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)	180 (nominal)
Circuit Protection	Integrated
Operating Voltage (v)	12
Autonomy (days)	4 (14 hour darkness, 12.5% duty cycle)

Solar Characteristics

Solar Module Type	Multicrystalline
Output (watts)	SL30: 2 (1 x 2watt)
	SL32: 4 (2 x 2watt)
Solar Module Efficiency (%)	14
Charging Regulation	Microprocessor controlled

Power Supply

Battery Type	SLA (Sealed Lead Acid)
Battery Capacity (Ah)	1.3
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	50mm OD pole
Height (mm/inches)	312 / $12^{1}/_{3}$
Width (mm/inches)	SL30: 273 / 10¾
	SL32: 413 / 16¼
Mass (kg/lbs)	SL30: 3 / $6^{2}/_{3}$
	SL32: 3.5 / 7¾
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

• 200mm OD mounting plate
• Hard wire synchronisation

CE

• Specifications subject to change or variation without notice