

AIDS TO MARINE NAVIGATION

Product Overview



Sealite is a global leader in the design and manufacture of marine aids to navigation.

We believe technology improves navigation™

Sealite is the global leader in the design and manufacture of marine aids to navigation. We employ leading engineers to create innovative products to service the needs of our customers worldwide, and offer the widest range of navigational aids in the marketplace.

Marine Lanterns

The Sealite range of solar LED Marine Lanterns offer superior visibility and are designed to be maintenance free and have a service life of up to 12 years. With visible ranges of 1NM (1.8km) to more than 21NM (35km), the lanterns are ideal for a range of applications. End users include Coast Guards, Port and Harbour and Inland Waterway Authorities, and other government bodies worldwide.

- Applications include aquaculture, hazard and perimeter marking, and general marine navigation
- Latest in LED Technology
- Designed to meet IALA recommendations
- Solar or stand alone options

Sealite can also provide the latest in Bluetooth® technology to configure and maintain selected lanterns remotely via your phone or tablet.

Apollo-155 Installation on Jomard Island, Milne Bay



10° Port Entry Light in Skagen, Denmark



Port Entry Solutions

The Sealite range of LED Port Entry, Range and Leading Lights are typically installed to indicate a clear line of passage. Mariners use port entry and leading lights to easily distinguish shipping channel entrances, safe passage through hazardous waters, and shoulder leads to assist with large vessel docking.

Advantages include:

- High precision, long range LED optics
- Suitable for day or night time use
- Use for clear distinction against background lighting



LED Light Source

Marine Buoys

Sealite Marine Buoys are manufactured on-site from rotationally-moulded, UV-stabilised polyethylene, and are designed to offer a low-maintenance, high visibility solution to marine navigation.

The Sealite Buoy division provides turn-key production of navigation buoys. Sealite buoy products are available in a wide range of configurations and sizes, and can be economically shipped worldwide.

Lighthouse Equipment

In 2013, Sealite signed a manufacturing agreement with Trinity House to produce a new LED light source developed by the General Lighthouse Authorities Research and Radionavigation Directorate. The new light source is designed for modernisation of large lighthouse prismatic lenses, increasing their efficiency and reducing maintenance.



Monitoring & Control Systems

Sealite's range of Remote Monitoring & Control Systems provide users such as major Port Authorities and Coast Guards with the ability to effectively and efficiently monitor and control their AtoN installations from real-time data at an extremely low cost.

- GPS platforms enable lights to flash in synchronization
- GSM allows users to remotely modify settings; flash, light colour and operational ON/OFF status
- Compatible with a range of Sealite lanterns
- SealitePro App enables Bluetooth® connectivity to configure and maintain selected lanterns via phone or tablet.



‘I’m continually impressed by the performance & reliability of Sealite’s products and the value they deliver to customers’

Malcolm Nicholson

Global Engineering Manager, Sealite
Fellow of the Royal Institute of Navigation
IALA Academy World Wide Expert

Barge & Bridge Lights

The Sealite BargeSafe™ range of solar and battery powered LED barge lights are a testament to Sealite's continued in-house innovative collaboration of LED and lens technology to maximise light intensity, sectoring and uniformity.

Configurations of Sealite lanterns are installed worldwide to enhance the safety of bridges and structures extending over waterways.

Mooring

Sealite can supply a range of mooring systems and accessories to compliment the extensive range of buoy products. Traditional and Synthetic Mooring solutions are available including chain, hardware and blocks. We offer Traditional, as well as Synthetic mooring, a lightweight and environmentally friendly option.



Sealite Pty Ltd

T +61(0)3 5977 6128

Sealite Asia Pte Ltd

T +65 (0) 6829 2243

Sealite USA, LLC

T +1 (603) 737 1311

Sealite United Kingdom Ltd

T +44 (0) 1502 588026

www.sealite.com
info@sealite.com