



Sealite[®]
www.sealite.com



Aids to Marine Navigation





Marine Lanterns

The Sealite range of LED Marine Lanterns is 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 12nm+ (22.2km) the units are ideal for applications including aquaculture, hazard and perimeter marking, and general marine applications. End users include major military establishments, Coast Guards, Port and Harbour and Inland Waterway Authorities, and other government bodies worldwide. Each product incorporates the latest in LED, solar, battery, electronics and moulding technology, and is designed to meet IALA recommendations for aids to navigation.



LED Port Entry Lights & Leading Lights



The Sealite range of LED Port entry lights 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.

Lanterns are available in a range of LED colours to ensure clear distinction against confusing background lighting, as well as with a range of monitoring and control capabilities.

Barge & Bridge Lights

The Sealite BargeSafe™ Series of solar and battery powered LED barge lights are certified to UL 1104 and COLREG-72 compliant, and 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.

Sealite's skilled optics engineering facility has developed a range of tailored bridge and barge lighting products designed to meet international standards for various installations.



Offshore NAVAIDS – USCG Approved

Sealite's Class A, B and C U.S. Coast Guard Approved Lanterns are specifically designed and engineered to meet the needs of structures in the Gulf of Mexico. These lanterns feature high performance electronics to maximise light output and minimise power consumption, and are IP68 waterproof.

Multiple independent lanterns may be set up with internal RF sync modules which allow for flash synchronisation.





Area Lighting

Sealite's range of directional LED solar area lighting products enable users to illuminate remote locations such as maintenance areas, car parks and signage where connection to the power grid is unfeasible.



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.

RF and GPS platforms enable lights to flash in synchronisation, while GSM and Radio Control allows the user to remotely modify the settings of their navaid installations, such as flash setting, light colour and operational ON/OFF status.

Mariners and Ship Pilots are benefitting from the substantial increase in safety provided through the use of such reliable, state-of-the-art systems compatible with a range of Sealite Lanterns.



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

Sealite offers a range of revolving lighthouse pedestals and lens assemblies for medium and high range duties.

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.

All Sealite products are manufactured to exacting standards under strict quality control procedures. Sealite's commitment to research and development, investing in modern equipment and advanced manufacturing procedures has made us an industry leader in solar marine lighting.

By choosing Sealite you can rest assured you have chosen the very best.

Experienced & Trained Personnel

•
Worldwide Distribution Team

•
Agile Manufacturing

•
Product Innovation

•
Precision Construction

•
Total Quality Management

•
ISO9001:2008

•
Rapid Turnaround



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