

Sealite's **SL-B1500** is an extremely robust, high visibility 1.5m diameter navigation buoy perfect for a variety of installations including inland waterways, harbour and coastal applications.

### Key Features:

- Single piece float, supplied complete for immediate deployment
- Incorporates an internal stainless-steel brace across the buoy for even stress during lifting
- Two design options that directly fit IALA top marks and a variety of Sealite marine lanterns
- Service life of up to 20 years
- Optional mould-in graphics are available



### Robust Design

One-piece, rotationally-moulded float section incorporates an internal stainless steel brace that is linked between the lifting and mooring eyes. This brace ensures even stresses across the buoy during lifting, creating an incredibly robust AtoN with a service life of up to 20 years.

### Versatile Top Section

Also rotationally-moulded from UV-stabilised, virgin polyethylene, and can be fitted with top marks and lantern with direct lantern attachment points for a variety of Sealite solar lights.

### Colour Configuration

Available to meet IALA colour/configuration recommendations.

### Cost Effective

The polyethylene material inhibits marine growth, so the buoy requires less cleaning, less often than steel types. This assists in reducing maintenance costs.



SL\_B1500\_DATA\_EN\_V2.2

### General Characteristics

Available Colours	Red, Green, White, Yellow as per IALA Recommendations
Focal Plane Height (mm/inches)	1680 / 66.125"
Total Float Volume (ltrs/US gallons) (m <sup>3</sup> /ft <sup>3</sup> )	1120 / 296 1.12 / 40
Nominal Freeboard (mm/inches)	460 / 18.125"
Nominal Draft (mm/inches)	450 / 17.75"
Total Reserve Buoyancy (kgs/lbs)	933 / 2056
Operational Buoyancy (kgs/lbs)	280 / 617
Maximum Mooring Load (kgs/lbs)	280 / 617
Draft, Maximum (mm/inches)	605 / 23.75"
Freeboard, Minimum (mm/inches)	300 / 11.75"
Safe Working Load, 1pt (kgs/lbs)	2300 / 5070
Submergence (kgs/cm) / (lbs/inch)	18.2 / 101.9

### Certifications

IALA	Surface colours compliant to IALA E-108
Quality Assurance	ISO 9001:2015



- Specifications subject to change or variation without notice
- \* Subject to standard terms and conditions
- † Intensity setting subject to solar availability
- ^ Refer to the Sealite website under the warranty section

### Physical Characteristics

Material	Rotationally-moulded UV-stabilised virgin polyethylene, internal 316-grade stainless steel bracing
Wall Thickness (mm/inches)	12 / 0.5" (float section) 7 / 0.25" (top section)
Ballast (kg/lbs)	70 / 154
Filling	Closed-cell polyurethane foam (float section)
Height (mm/inches)	3500 / 137.75"
Width (mm/inches)	1500 / 59.125"
Mass (kg/lbs)	220 / 485
Product Life Expectancy	>20 years <sup>^</sup>

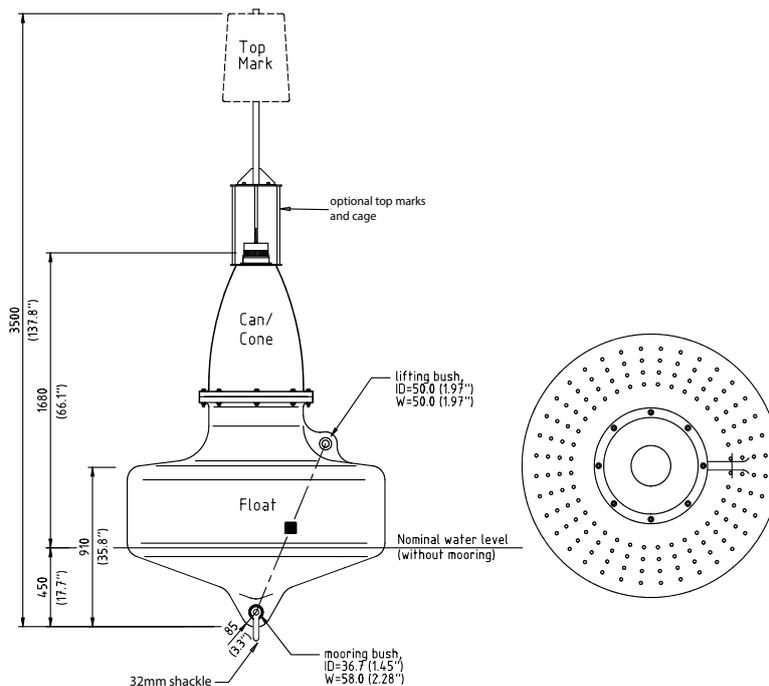
### Other

Lantern Options	Sealite SL-15, SL-60, SL-70, SL-75, SL-C310 Series, SL-C510 Series lanterns
Options Available	<ul style="list-style-type: none"> <li>• Custom signage</li> <li>• Sealite IALA recommended top marks</li> <li>• Radar reflector</li> <li>• Access hatch</li> <li>• Solar power supplies</li> <li>• Monitoring Systems                             <ul style="list-style-type: none"> <li>- AIS</li> <li>- GSM</li> <li>- SATCOM</li> </ul> </li> </ul>
Warranty*	5 years

### Intellectual Property

Trademarks	SEALITE® is a registered trademark of Sealite Pty Ltd
------------	--

## Technical Illustrations



SL\_B1500\_DATA\_EN\_V2.2

