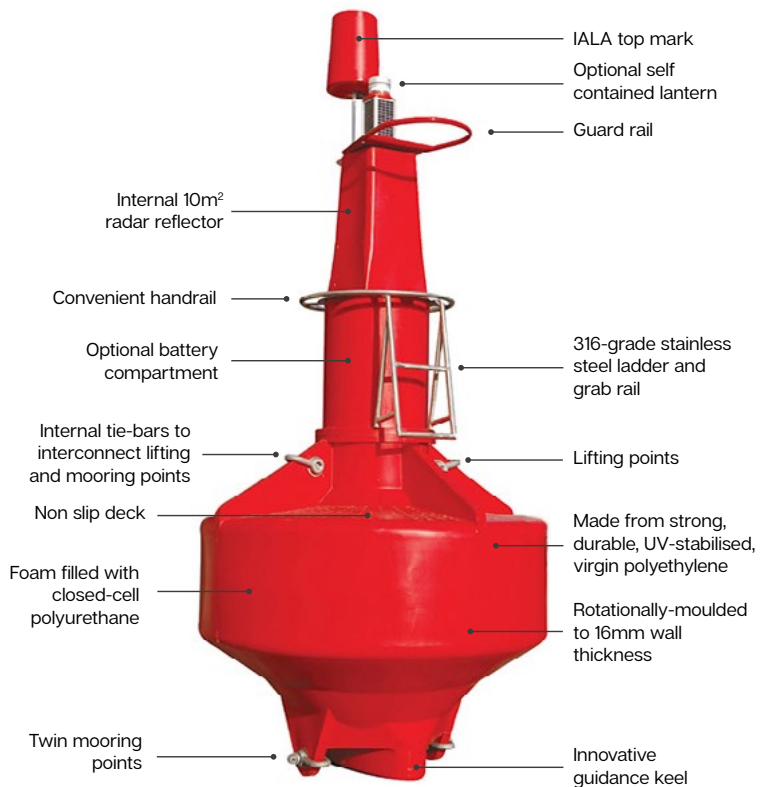


The **NAUTILUS-2200** is one of the largest ocean buoys available to incorporate a one-piece, 2.2m rotationally-moulded hull section. It offers a focal height of up to 4m and is designed for offshore, port and coastal applications.

#### Key Features:

- Two-part modular design
- Standard 3.2m focal height with the option of an extendable tower to 4m.
- All polyethylene design and foam filled with closed-cell polyurethane
- Float section incorporates 316-grade stainless steel tie bars for added strength
- Additional spacer option to increase focal height



#### Robust design

Built in a 2-part modular design, the buoy can be setup in any IALA recommended assembly, and consists of a high-visibility float section with non-slip tread, and a tower section to support considerable payload.

#### Tower Options Available

The Nautilus-2200 is offered with the option of an extended tower increasing the lantern focal height from 3.2m to 4m.

#### Lightweight but with Enormous Strength

The use of UV-stabilised virgin polyethylene makes the buoy lighter than competitor models. The lifting and mooring eyes are interconnected by stainless steel tie bars through the hull structure – offering enormous strength and superior longevity.

#### Economical to Transport

Five buoys can be shipped in a 40ft container economically to almost any destination.

#### Excellent Buoyancy and Stability

Float section is foam filled with closed-cell polyurethane for excellent buoyancy and in the event of collision by a vessel it helps keep the buoy upright.




SL-B2200\_NAUTILUS\_DATA\_EN\_V2.1

## General Characteristics

Available Colours	Red, Green, White, Yellow as per IALA Recommendations
Focal Plane Height (mm/inches)	3200 / 126"
Total Float Volume (ltrs/US gallons)	4370 / 1154
Nominal Freeboard (mm/inches)	780 / 30.75
Nominal Draft (mm/inches)	690 / 27.12"
Total Reserve Buoyancy (kgs/lbs)	3670 / 8090
Operational Buoyancy (kgs/lbs)	1050 / 2315
Maximum Mooring Load (kgs/lbs)	1025 / 2260
Draft, Maximum (mm/inches)	960 / 37.75"
Freeboard, Minimum (mm/inches)	510 / 20.125"
Safe Working Load, 1pt (kgs/lbs)	1950 / 4300
Safe Working Load, 2pt (kgs/lbs)	4950 / 10912
Submergence (kgs/cm) / (lbs/inch)	39 / 218
Visual Area (m <sup>2</sup> /ft <sup>2</sup> )	3 / 32.3

## 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, 316-grade stainless steel grab rail and ladder
Wall Thickness (mm/inches)	16 / 0.625" (float section)
Ballast (kg/lbs)	350 / 772 (internal concrete)
Filling	Closed-cell polyurethane foam (float section)
Radar Reflector	Echomax 230 Midi (RSC 10m <sup>2</sup> per RORC/ORC)
Height (mm/inches)	4120 / 162.25"
Width (mm/inches)	2200 / 86.66"
Mass (kg/lbs)	830 / 1830
Product Life Expectancy	>20 years

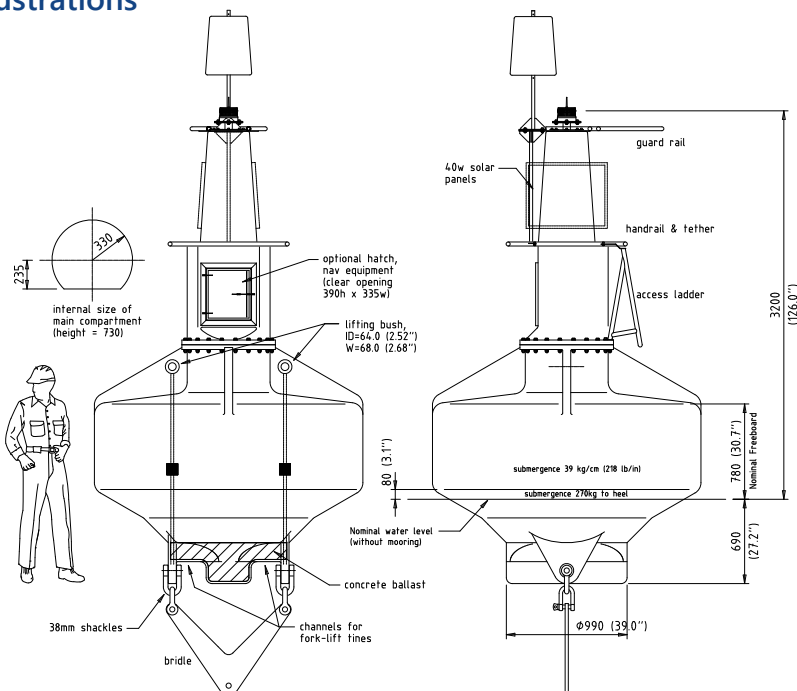
## Other

Lantern Options	Sealite SL-75, SL-C310 Series, SL-C510 Series, SL-125 Series or SL-155 Series
Options Available	<ul style="list-style-type: none"> <li>• Custom signage</li> <li>• Day marks</li> <li>• Rotationally-moulded side-panelling</li> <li>• Solar panel 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


 NAUTILUS-2200  
AIS Enabled

SL-B2200\_NAUTILUS\_DATA\_EN\_V2.1