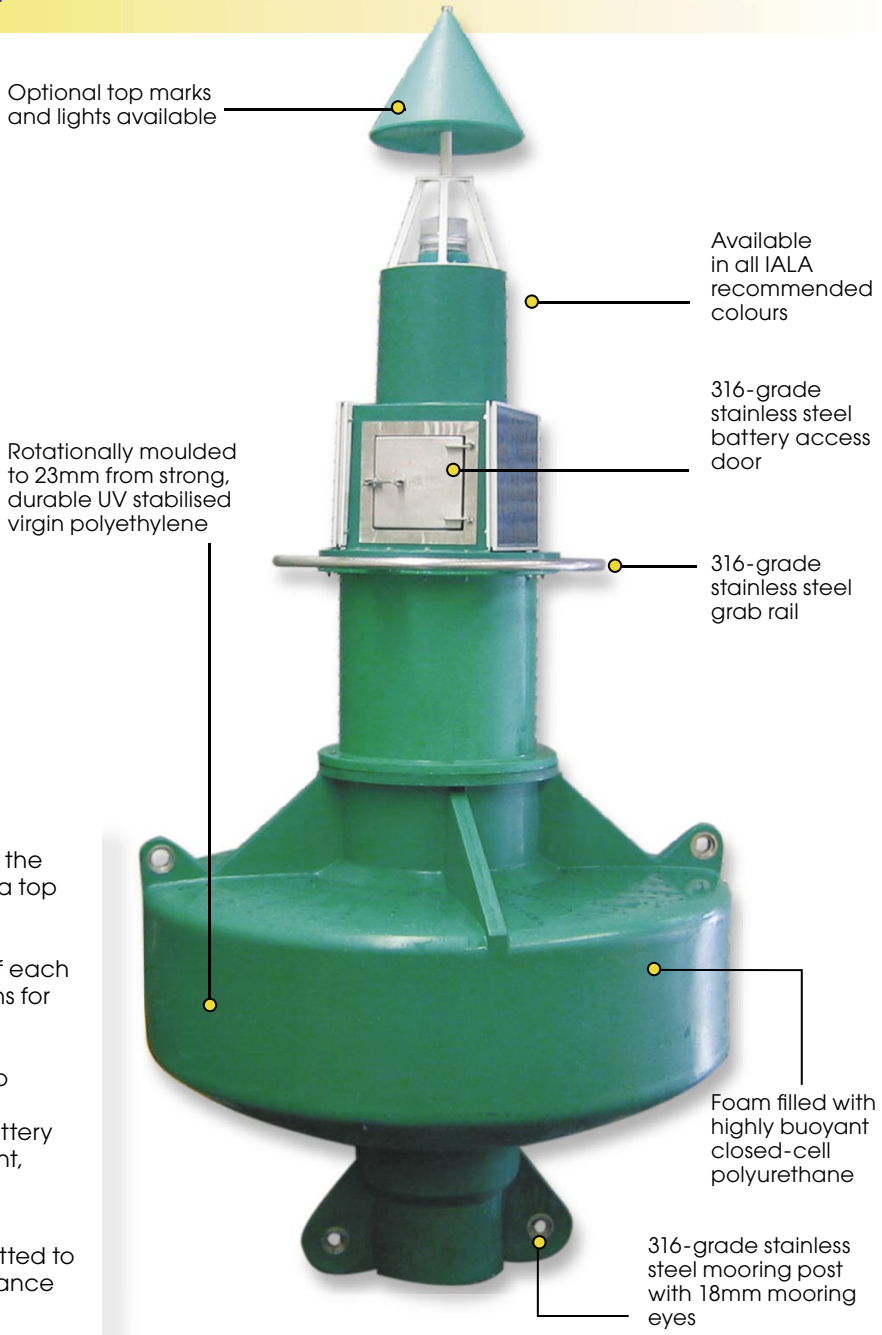
POSEIDON-1750
1750mm dia. Ocean Buoy

Sealite®
www.sealite.com.au

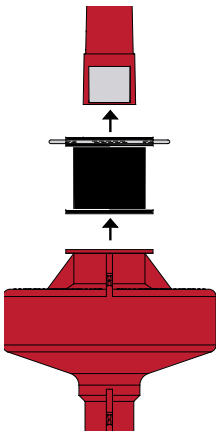


The POSEIDON-1750 consists of 3 parts; the flotation section, the mid-section and a top section.

This enables the individual colouring of each section to meet IALA recommendations for specific installations.

The top section can be fitted with up to 60watt solar modules. This section also contains a 316-grade stainless steel battery access door, and battery compartment, which can house up to 140Ah battery capacity.

A 316-grade stainless steel grab rail is fitted to the buoy, and allows for easy maintenance and enhanced safety.



The Sealite POSEIDON-1750 Buoy is manufactured from UV stabilised virgin polyethylene and has been specifically designed to withstand the harsh marine environment, and operate reliably with minimal maintenance.

Ports worldwide are realising the advantages of polyethylene buoys over traditional steel models.

The colour pigment is added to the polyethylene during the moulding process, which means that the buoy never requires painting.

The polyethylene material also inhibits marine growth, so the buoy requires cleaning less often than steel types.

Significant advantages of the polyethylene buoy allow the interval between servicing to be far greater, and users continually report major cost savings.

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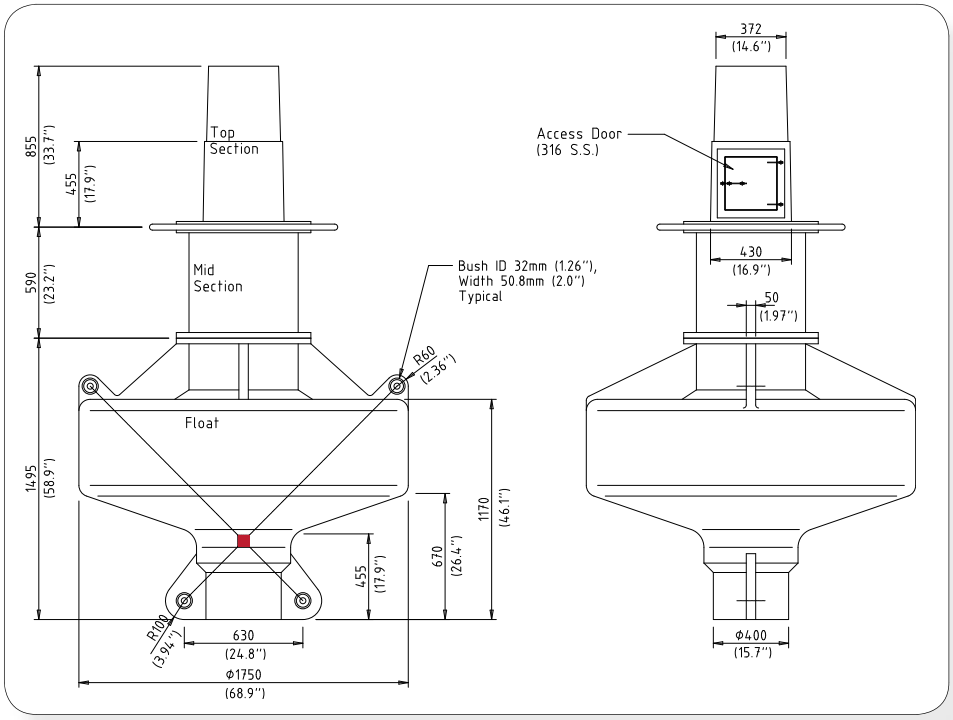
The section is internally cross-braced (■) using stainless braces joining each mooring eye to the lifting eye. This ensures mooring and lifting stresses are evenly shared across the structure.



SPECIFICATIONS •

Available Colours	Red, Green, White, Yellow as per IALA Recommendations
Focal Plane Height (mm/inches)	2500 / 98 3/8 (standard). 3500 / 137¾ (with spacer)
Material	Rotationally moulded UV stabilised virgin polyethylene Internal 316-grade stainless-steel bracing 316-grade stainless-steel fittings CSIRO slip resistance platform
Wall Thickness (mm/inches)	23 / 7/8
Ballast	Internal cement
Foam Filling	Closed-cell polyurethane
Reserve Buoyancy (kg/lbs)	600 / 1320
Draft (mm/inches)	680 / 26¾
Freeboard (mm/inches)	400-150 / 15¾ - 5 7/8
Height (mm/inches)	2940 / 115¾
Width (mm/inches)	1750 / 68 7/8
Mass (kg/lbs)	505 / 1111
Quality Assurance	ISO9001:2000
Product Life Expectancy	Up to 12 years
Warranty	1 year
Options Available	• Sealite lantern • IALA recommended top marks • Battery access door • 2x 40watt solar modules • 24Ah SLA battery • Monitoring systems

CE

• Specifications subject to change or variation without notice

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IALA Top Marks

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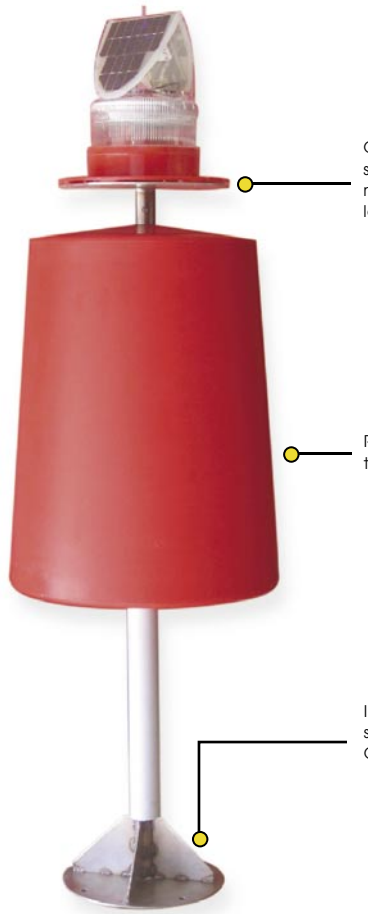

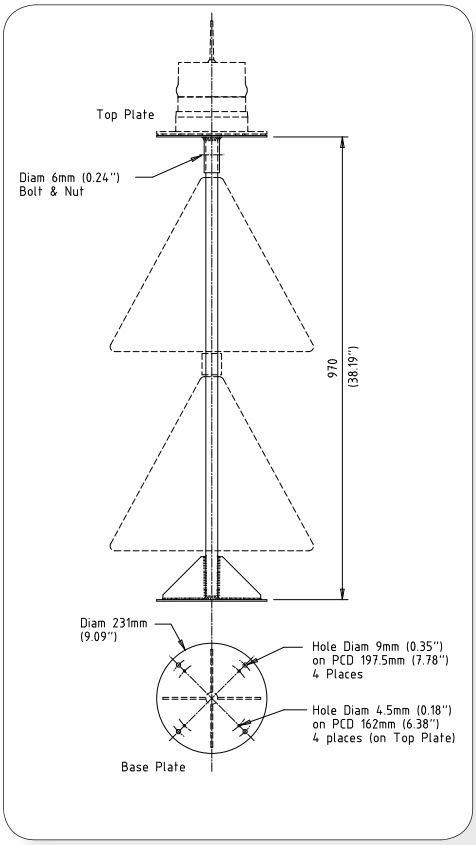

Designed and manufactured in accordance with IALA recommendations, Sealite's range of Top Marks offer flexibility and reliability, and are a low cost and maintenance, high visibility solution to marine navigation.

The Top Marks are rotationally-moulded on-site from UV-stabilised virgin polyethylene with a wall thickness of 3mm, and are available in a range of IALA recommended colours and configurations to suit both IALA Regions A and B.

With a 26mm (1 inch) internal stainless-steel pole and industry standard 200mm OD mounting plate, Sealite's range of IALA Top Marks can be easily attached to any existing navigation aid.

Order Code	Description	Dimensions (mm) Height x Width •	Weight (kg/lbs) •
TM-PH.A	Port Hand Mark- 1 red cylinder (IALA Region A)	500 x 390	3.2 / 7
TM-PH.B	Port Hand Mark- 1 green cylinder (IALA Region B)	500 x 390	3.2 / 7
TM-SH.A	Starboard Hand Mark- 1 green cone (IALA Region A)	360 x 460	2.2 / 4¾
TM-SH.B	Starboard Hand Mark- 1 red cone (IALA Region B)	360 x 460	2.2 / 4¾
TM-CARD-N	North Cardinal Mark- 2 black cones	360 x 460	2.2 / 4¾
TM-CARD-S	South Cardinal Mark- 2 black cones	360 x 460	2.2 / 4¾
TM-CARD-W	West Cardinal Mark- 2 black cones	360 x 460	2.2 / 4¾
TM-CARD-E	East Cardinal Mark- 2 black cones	360 x 460	2.2 / 4¾
TM-ISO	Isolated Danger Mark- 2 black spheres	360 x 360	2.2 / 4¾
TM-SW	Safe Water Mark- 1 red sphere	360 x 360	2.2 / 4¾

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All Top Marks are manufactured with UV-stabilised virgin polyethylene, with a wall thickness of 3mm. Diameter of internal pole is 26mm.

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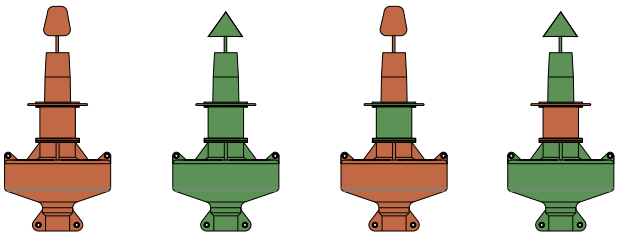
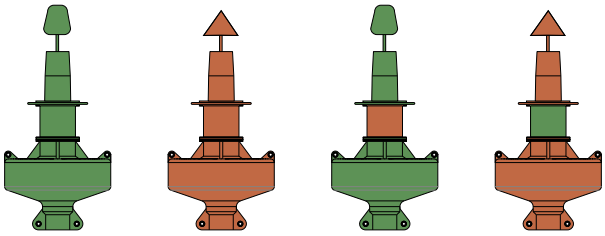
Buoy Configurations
for IALA Regions A and B

REGION A



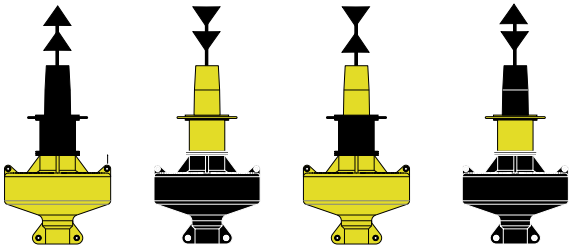
Port Hand Mark | Starboard Hand Mark | Preferred Channel to Starboard | Preferred Channel to Port

REGION B

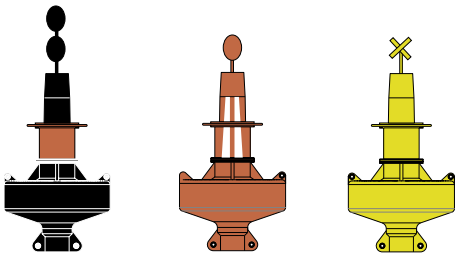


Port Hand Mark | Starboard Hand Mark | Preferred Channel to Starboard | Preferred Channel to Port

REGION A AND B



North Cardinal Mark | South Cardinal Mark | West Cardinal Mark | East Cardinal Mark



Isolated Danger Mark | Safe Water Mark | Special Mark

Why Choose Polyethylene Buoys?

- No Painting
- Inhibits Growth
- Increased interval between servicing
- Routine maintenance on location
- Easily repaired in the unlikely event of damage
- Lightweight for ease of deployment and maintenance
- Environment friendly - no use of toxic antifouling paint

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