



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

Ports worldwide are realizing the advantages of polyethylene buoys over traditional steel models. The color pigment is added to the polyethylene during the molding 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.

The POSEIDON-1750 is constructed from 3 parts ensuring ease of deployment and servicing. The float section incorporates two large lifting and mooring points, interconnected by 316-grade stainless steel tie-bars to provide greater strength. The mid-section may be supplied with a large secondary battery enclosure, whilst the top section is designed to carry the buoy's primary payload.



To order or for more information contact us at:

Boatmoorings.com

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## SPECIFICATIONS\*

### General Characteristics

Available Colors

Focal Plane Height (mm/inches)

Total Float Volume (ltrs/US gallon)

Nominal Freeboard (mm/inches)

Nominal Draft (mm/inches)

Reserve Buoyancy (kgs/lbs)

Maximum Mooring Load (kgs/lbs)

Draft, Maximum (mm/inches)

Freeboard, Minimum (mm/inches)

Safe Working Load, 1pt (kgs/lbs)

Safe Working Load, 2pt (kgs/lbs)

Submergence (kg/cm, lb/inches)

Visual Area (m<sup>2</sup>/ft<sup>2</sup>)

### Physical Characteristics

Material

Wall Thickness (mm/inches)

Ballast (kg/lbs)

Filling

Height (mm/inches)

Width (mm/inches)

Mass (kg/lbs)

Radar Reflector

Product Life Expectancy

### Certifications

IALA

Quality Assurance

### Warranty

### Lantern Options

### Options Available

## POSEIDON-1750

Red, Green, White, Yellow as per IALA

Recommendations

2600 / 101.8 (standard), 3090 / 121.5/s

(with spacer)

1815 / 480

545 / 21.5

710 / 28

600 / 1323

600 / 1323

955 / 37.6

300 / 11.8

2300 / 5070

3250 / 7165

24.5 / 137

1.9 / 20.4

Rotationally-molded UV-stabilized virgin

polyethylene, internal 316-grade

stainless steel bracing, 316-grade

stainless steel fittings, slip resistance

platform

16 / 5/8 (float section)

150 / 330 internal concrete

Closed-cell polyurethane foam (float

section)

4045 / 159

1750 / 687/s

428 / 944

Echomax

>20 years

Surface colors compliant to IALA E-108

ISO9001:2008

5 years

SL-C310, SL-C410, SL-C415, SL-C420,

SL-125 Series or SL-155 Series

• Mould-in graphics

• Day marks

• Monitoring Systems (AIS, GSM)