



The NAUTILUS-2200 is a robust, rotationally-molded polyethylene ocean buoy designed for offshore, port and coastal applications.

The buoy is rotationally-molded from UV-stabilized, virgin polyethylene, and has a 2.2mtr float diameter and 3.2mtr lantern focal height. Lantern focal height may be increased up to 4mtrs.

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.

The twin lifting and mooring eyes are interconnected by stainless steel tie bars through the hull structure - offering enormous strength and superior longevity of the nav-aid.

The NAUTILUS-2200 is one of the largest buoys available to incorporate a one-piece, rotationally-molded hull section, and represents exceptional value for port operators around the world.

SPECIFICATIONS

General Characteristics

Available Colors

Focal Plane Height (mm/inches)

Total Float Volume (lts/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 (kg/lbs)

Safe Working Load, 2pt (kg/lbs)

Submergence (kg/cm, lb/inches)

Visual Area (m²/ft²)

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

Quality Assurance

Warranty

Lantern Options

Options Available

NAUTILUS-2200

Red, Green, White, Yellow as per IALA

Recommendations

3200 / 126

4370 / 1154

780 / 30³/₄

690 / 27¹/₈

1050 / 2315

1050 / 2315

960 / 37³/₄

510 / 20¹/₈

1950 / 4300

5200 / 11460

39 / 218

3 / 32.3

Rotationally-molded UV-stabilized virgin polyethylene, internal 316-grade stainless steel bracing, 316-grade stainless steel grab rail and ladder

18 / 3/4 (float section)

350 / 772 internal concrete

Closed-cell polyurethane foam (float section)

4120 / 162¹/₄

2200 / 86²/₃

830 / 1830

Echomax

>20 years

ISO9001:2008

5 years

SL-C310, SL-C410, SL-C415, SL-C420, SL-125 Series or SL-155 Series

• Mould-in graphics

• Day marks

• Rotationally-molded side-paneling

• Monitoring Systems (AIS, GSM)



Convenient forklift access points to safely maneuver the buoy assembly.



The tower and battery compartment allows for incorporation of additional batteries to drive ancillary equipment and increase the working autonomy of the nav-aid in lower sunlight conditions



To order or for more information contact us at:

Boatmoorings.com

PO Box 119

Milford, NH 03055

603-672-1751

dmerrill@boatmoorings.com