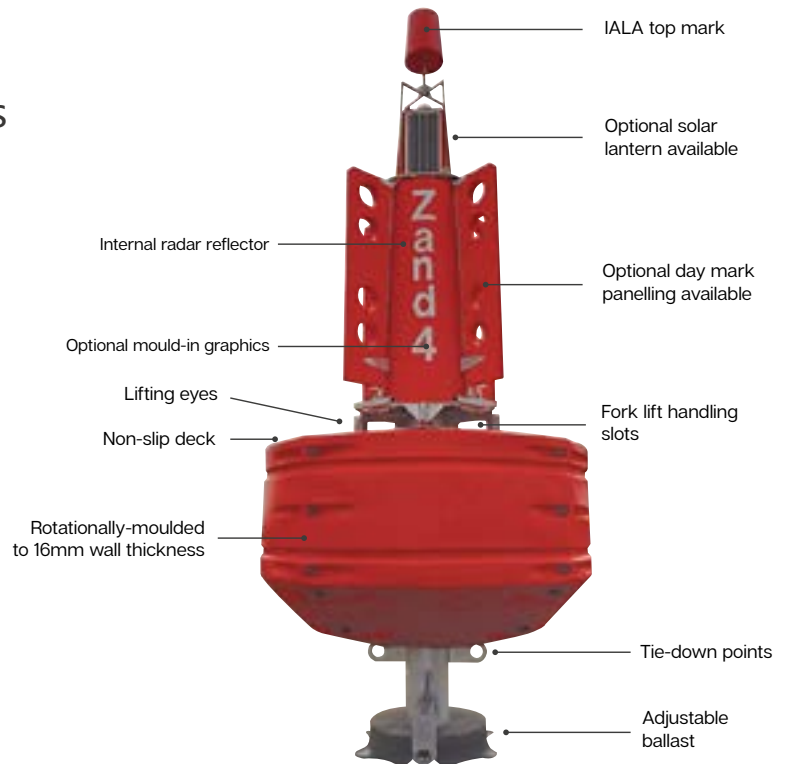


The **TRIDENT-2600** is one of the largest rotationally-moulded buoys available, with a float diameter of 2.6m and lantern focal height of up to 5m.

Key Features:

- Float section built from a four quadrant hull sections fastened to span 2.6m wide
- Unique flat base, steel mooring post design
- Enhanced poly tower design provides a huge visual area
- Counterweight offers exceptional stability
- Optional day mark paneling available
- Robust float section



Robust Float Section

Four rotationally-moulded quadrants, fasten together to form an incredibly robust 2.6m wide float section standing 1.5m tall. Each quadrant is moulded from UV-stabilised, virgin polyethylene with a 16mm wall thickness. Closed cell polyurethane filled sections are an option.

Enhanced Poly-Tower Design

Provides a huge visual area for recognition and consists of a sealed, rotationally-moulded tower section. The tower incorporates an internal radar reflector and solar mount facility.

Steel Mooring Post

Runs through the centre of the assembly, to which the tower section is fastened. The flat mooring base allows the buoy can be stored upright for added safety during transport, in storage and on service vessels.

Integrated Ladder

Includes harness attachment points that run vertically up the tower to the top of the platform. Two large lifting eyes aid in buoy mooring and periodic servicing.

Large Counterweight and Adjustable Ballast

Offers exceptional stability in a variety of exposed regions.



SL_TRIDENT-2600_DATA_EN_V2.1

General Characteristics

Trident-2600 (Standard Model)

Trident-2600-C (Compact Model)

| Available Colours | Red, Green, White, Yellow as per IALA Recommendations | |
|--|---|---|
| Focal Plane Height (mm/inches) | 4025 / 158.5" | 3825 / 150.5" |
| Total Float Volume (ltrs/US gallons) | 6710 / 1772 | 6710 / 1772 |
| Nominal Freeboard (mm/inches) | 865 / 34" | 865 / 34" |
| Nominal Draft (mm/inches) | 1325 / 52.125" | 1325 / 52.125" |
| Total Buoyancy (kgs/lbs) | 4538 / 10004 | 4538 / 10004 |
| Reserve Buoyancy (kgs/lbs) | 2000 / 4409 | 2000 / 4409 |
| Maximum Mooring Load (kgs/lbs) | 2000 / 4409 | 2000 / 4409 |
| Draft, Maximum (mm/inches) | 1690 / 66.5" | 1690 / 66.5" |
| Freeboard, Minimum (mm/inches) | 500 / 19.625" | 500 / 19.625" |
| Safe Working Load, 1pt (kgs/lbs) | 5500 / 12125 (one lifting point) | 5500 / 12125 (one lifting point) |
| Safe Working Load, 2pt (kgs/lbs) | 11000 / 24250 (two lifting points) | 11000 / 24250 (two lifting points) |
| Submergence (kgs/cm) / (lbs/inch) | 54.7 / 306 | 54.7 / 306 |
| Visual Area (m ² /ft ²) | 4.7 / 50.6 (without daymark) 6.0 / 64.5 (with daymark) | 4.3 / 46.3 (without daymark) 5.6 / 60.2 (with daymark) |
| Water Area (m ² /ft ²) | 1.7 / 18.3 | 1.7 / 18.3 |

Physical Characteristics

| | |
|----------------------------|---|
| Material | Rotationally-moulded UV-stabilised virgin polyethylene float section, tower assembly, top marks and panelling. 316-grade stainless steel fixtures. |
| Wall Thickness (mm/inches) | 16 / 0.625" |
| Ballast (kg/lbs) | 672 / 1482 external steel |
| Filling | Closed-cell polyurethane foam (float section) |
| Height (mm/inches) | 6240 / 245.625" |
| Width (mm/inches) | 2600 / 102.375" |
| Mass (kg/lbs) | 2340 / 5159 (depending on payload) |
| Radar Reflector | Echomax EM230 |
| Product Life Expectancy | >20 years ^ |

Certifications

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

Other

| | |
|-------------------|--|
| Lantern Options | Sealite SL-C310 Series, SL-C510 Series, SL-125 Series, SL-155 Series, SL-C500 or SL-C600 |
| Options Available | <ul style="list-style-type: none"> • Mould-in graphics • Day marks • Monitoring Systems: AIS, GSM, SATCOM • Name Plate • Aluminium tower assembly • Galvanised or Stainless Steel mooring post • Tail tube mooring post |
| Warranty* | 5 years |



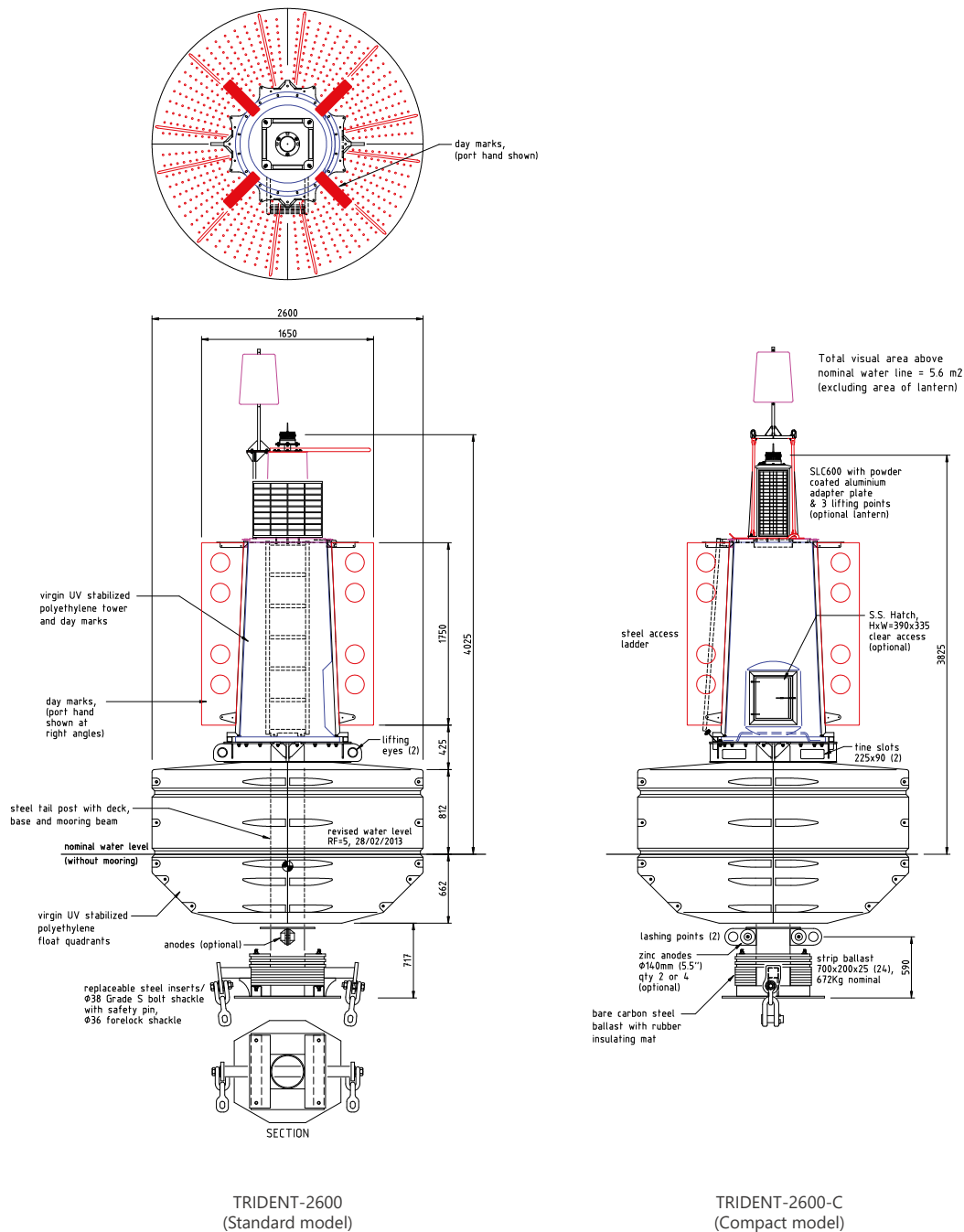
* Specifications subject to change or variation without notice
* Subject to standard terms and conditions

† Intensity setting subject to solar availability

^ Refer to the Sealite website under the warranty section

SL_TRIDENT-2600_DATA_EN_V2.1

Technical Illustrations



• 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