

PELANGI

Rotationally moulded BUOY

PB1000

Lightweight buoys for sheltered locations with solid day mark ..



PB1000 shown here with PL45 Lantern and Various daymark colour combinations.

TECHNICAL SPECIFICATION

Focal height (no mooring)	: 1313mm
Total height	: 1413mm
Diameter over fender	: 1000mm
Draught (no mooring)	: 50 mm
Max mooring load	: 100 kgs
Max float buoyancy	: 200 kgs
Recommended mooring size	: 16 mm
Max mooring length (16mm)	: 20m
Concrete sinker in water	: 250kgs
Cast iron sinker in air	: 250kgs

Lightweight rotationally moulded hull and day mark buoy supplied by Pelangi for dumb or solar lighted duties.

- Standard hull shape coloured red, green or yellow can be fitted with can or cone day marks for various duties.
- Interchangeable day mark fixed via stainless steel fixings to buoy hull for maximum interchangeably variations.
- Buoy can easily be converted from dumb to lit duties by changing the mooring tube.
- Hull foam filled to ensure if damaged buoy will remain afloat until retrieved.
- Excellent for sheltered applications such as marking port turning circles and marking channel edges within port or channel estuaries.
- Lightweight at only 45 kgs (excluding moorings and lantern makes it ideal for laying by small launch without the need of heavy plant.
- Standard focal height can be extended if buoy moored in reasonable water depths at all states of the tide.
- No solar support frames or additional battery enclosures necessary.
- Single point mooring eye.
- Buoy will accept soft ground at low water without falling over .

Additional options:

- PL40 led series lanterns for lit duties.
- Moorings to suit various water depths.
- Concrete Sinker.
- Lightweight PA9 radar reflector.
- Spare daymarks.
- “Special Top Mark” for dumb duties.