

ROTATIONALLY-MOULDED HULL **BALIZAMAR EVO**

CHARACTERISTICS AND ADVANTAGES

Strength	Hot dip galvanised steel structure
Safety	Rotationally-moulded hull filled with closed cell EPS foam ensures flotation in case of breached skin
Lantern	Designed to operate with self-contained and small sized lanterns from any manufacturer
IALA	Stainless steel trihedral radar reflector and stainless steel support and top mark
Day marks	Modular polyethylene day marks that improve the day time visibility and reduce its maintenance
Stability	Intrinsically stable configuration with a built-in counterweight to ensure stability, even without a mooring

APPLICATIONS

- Marking of ports
- Marking the limits of marine concessions
- Beaconing of shallows
- Delimiting of work areas
- Provisional installations
- Mooring buoys
- Marking of dredging pipes



FEATURES

Models	B1250A	B1250T EVO	B1600S EVO	C1250T EVO	C1600T EVO
Location	Semi-sheltered waters and rivers			Coastal and offshore applications	
Hull volume	0,7 m ³	0,7 m ³	1,2 m ³	1,7 m ³	2,6 m ³
FMR Load*	250 kg	200 kg	450 kg	690 kg	1290 kg
Focal plane	1,75 m	2,08 m	2,15 m	3,51 m	3,56 m

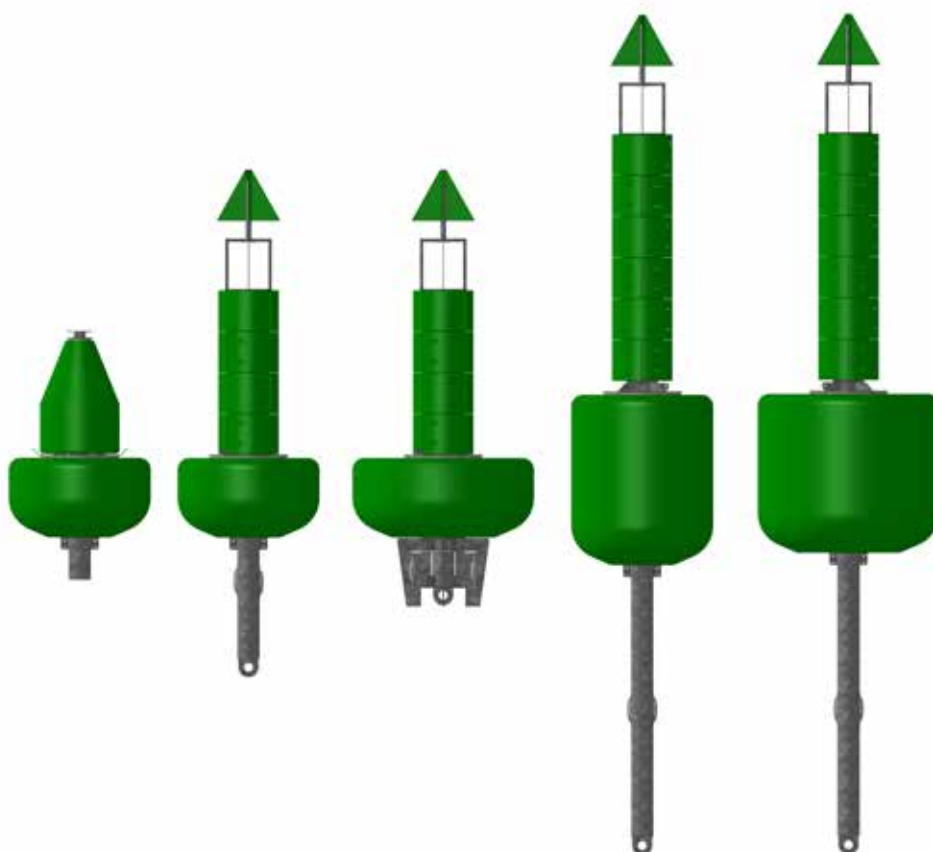
* Recommended Minimum Freeboard (FMR)

QUALITY

Hull	Rotomoulded medium density pigmented polyethylene with a maximum strength UV inhibitor filled with expanded PS. Water resistant up to 100°C, resistant to most acids and common solvents
Galvanization	The carbon steel components are hot dip galvanised in accordance with ISO 1460:2010 standard
Paint	Top mark and radar reflector are treated using an epoxy primer scheme and aliphatic polyurethane top coat, according to ISO 12944 standard. The top mark support is polished
Colour	In accordance with IALA E -108
Galvanic Protection	Anodes protect the immersed structure
Recycling	The buoy components are easily recycled with a direct re-use rate nearing 100%
Manufacturer certificate	ISO 9001:2015, ISO14001:2015, IALA Industrial Member

CONSTRUCTION

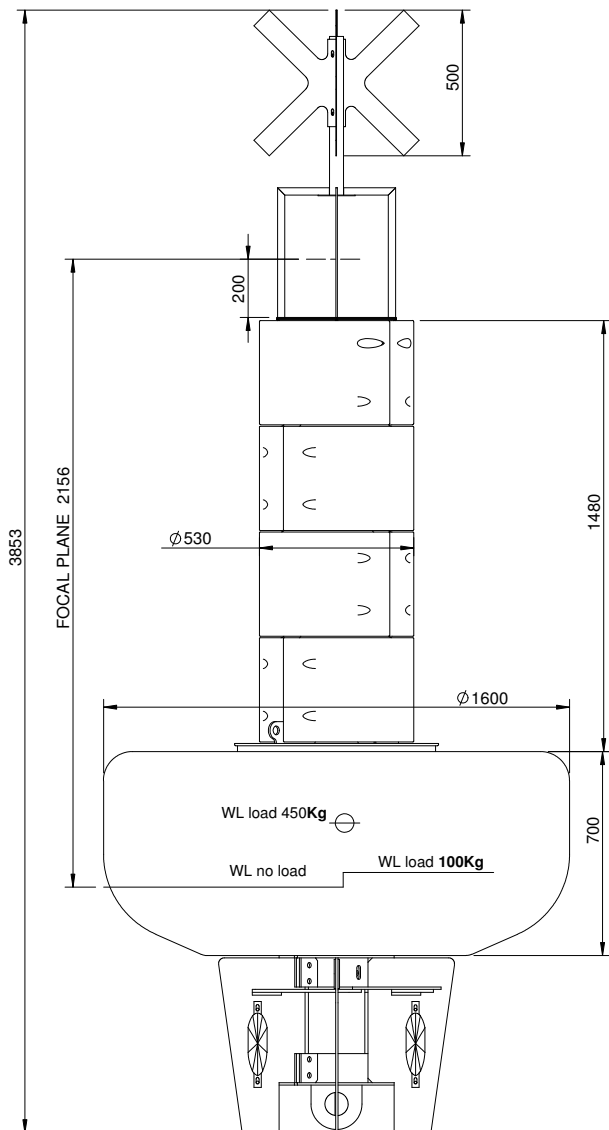
Hull	Rotomoulded MDPE thyroid filled with expanded polystyrene
Structure	Single tube that passes through the centre of the hull. Mooring eye on its lower side that receives the mooring system and a centre plate that transfers the loads to the float. Manufactured using ST 37 steel and subsequently hot dip galvanised. Painted upper structure
Radar reflector	Trihedral radar reflector with 24 sides and manufactured in stainless steel AISI 304 and painted
Top mark	Stainless steel AISI 304 and painted
Top mark support	Stainless steel AISI 316 and polished
Day marks	Modular rotomoulded polyethylene pieces fixed throw stainless steel screws that embraces the central tube
Anodes	Two zinc anodes of 2.5 kg each
Counterweight	Cast iron, 40 kg each located in the lower part of the tail
Screws	Stainless steel A2



B1250A B1250T EVO B1600S EVO C1250T EVO C1600T EVO

BALIZAMAR BUOYS

B1600S EVO



SPECIFICATIONS

Hull diameter	1.6 m
Hull height	0.70 m
Complete buoy weight	310 kg
Minimum freeboard	0.25 m
FMR load	450 kg
Focal plane	2.15 m
Counterweight	Lower part of the buoy

* This data is approximate.

