

SPECIAL BUOYS

ARTICULATED BEACONS

CHARACTERISTICS AND ADVANTAGES

Strength	Steel structure manufactured in sealed segments
Safety	Rotomoulded polyethylene hull filled with expanded polyurethane
Lantern	Designed to operate with standalone lanterns or external photovoltaic systems
Focal plane	Possibility of high focal planes depending on depths
Accuracy	Swing radius of a few metres
Stability	Remains vertical in moderate wave conditions

APPLICATIONS

- Narrow channels, inside of ports
- Marking of dredging limits
- Exterior seawall limits
- Seawalls or submerged obstacles



FEATURES

Models	ALBA 5	ALBA 3
Hull volume	5.00 m ³	3.00 m ³
Minimum depth	12.00 m	8.00 m
Maximum depth	60.00 m	25.00 m
Work platform	Optional	No
Lantern	Any	Self-contained assembly
Radar reflector	Included	Included
Top mark	Included	Included

CONSTRUCTION & QUALITY

Structure and hull	Segmented tube that passes through the centre of the hull. Each segment is sealed. A mooring eye is provided at the lower end to moor the structure directly to the sinker using a shackle Rotomoulded polyethylene hull filled with expanded polyurethane. The hull is divided into segments so that it can be assembled to the tube
Anodes	Multiple anodes along the structure (total number according to the length of the tube)
Paint	All metallic components are treated according to the scheme recommended by ISO 12944 for marine environments. C5-M class for the emerged components and C5-I class for the immersed components
Colours	In accordance with IALA E -108
Recycling	The buoy components are easily recycled with a direct re-use rate nearing 100%