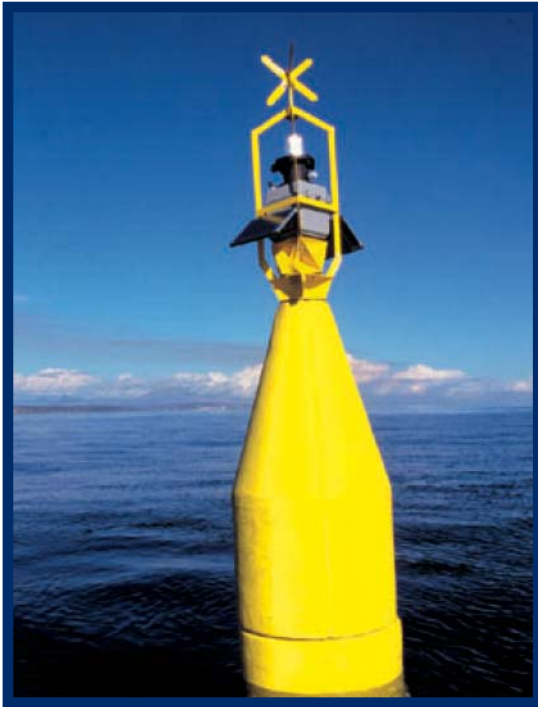


Buoys

SERIE BMG • MODULAR GRP BUOYS



The BMG buoy series is designed for easy handling beaconing, either in protected zones or semi-open sea areas up to 50 m depth.

All materials are resistant to severe marine environments. Metallic parts are hot-dip galvanized steel, so as to have a perfect protection against corrosion. Emerged parts as well as float acquire the desired colour for every case, according to IALA Recommendations. Materials used in the floats, polyurethane foam covered with two layers of fiberglass reinforced polyester (GRP), give the buoy great strength and lightness. The float is divided into four watertight compartments so as to limit impact damage.

Features

- Compact and unapproachable.
- Excellent impact resistance, practically unsinkable.
- Excellent mooring capacity.
- Lightweight and minimum maintenance.
- Polyurethane foam inside.
- Double GRP outer coating.
- Adequate coloured gel layer, UV discolouring resistant.
- Hot-dip galvanized steel structure.
- Stainless steel hardware.
- Integrated radar reflector.
- Standard top mark and colours according to IALA Recommendations.

Lighting equipment

- BDL120 marine lantern, of 6.9 n.m. range maintenance free.
- Standard solar equipment, SPK Series
- Optional SYNC-GPS, beacon flash synchronizer.

Design configuration

BUOY

- Lifting eye.
- Radar reflector (8 m² radar echo).
- Top mark support.
- Standard top mark.
- Mooring eyes.
- Counterweights (3 units of 50 kg each minimum)

MOORING SET

- U2-grade open-link chain, length of which: to suit location.
- 1 swivel shackle.
- 3 forelock shackles.
- 1 concrete sinker.

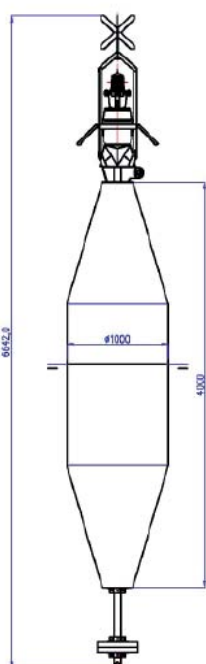
BDL120 MARINE LANTERN

- Nominal range 6.9 n.m. (T = 0.74).
- LEDs lifetime > 100,000 hours.
- Maintenance free.
- Vertical divergence: 8° - 10° (50% Io).
- Perfect horizontal light distribution (≥30 LEDs per tier), 3 LED tiers.
- Solar equipment integrated in the solar power kit.

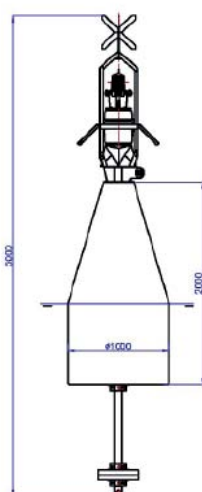
SOLAR EQUIPMENT

- Two solar modules, 12 V / 10 W.
- Watertight battery box made from fiber glass reinforced polyamide.
- Gelled battery 12 V / 60 Ah C₁₀₀
- SPC66 watertight charge regulator, 12 V / 6 A.

Type of bouy	Diameter	Focal height	Float volume	Total bouy weight	Mooring capacity	Recommended concrete sinker	Diameter of recommended chain
BMG1020	1.0 m	2.0 m	1 m ³	320 kg	350 kg	1 Tn	16 / 25 mm
BMG1030	1.0 m	3.0 m	2 m ³	480 kg	800 kg	1.5 Tn	16 / 25 mm



BMG1030



BMG1020

