



GAV80115-LIGHT BUOYS

The FLOATEX light buoy type GAV80115-SEC is specifically designed to give a small nice looking navigations aids for the ports, protected sea areas, bays, channels, rivers and other sea applications.

The GAV80115-SEC buoys are bi-conical made in UV-stabilized linear virgin polyethylene.

The Polyethylene used in the manufacturing process is completely recyclable (Eco-Friendly), it's fully compatible with the marine environment, and has a high resistance to UV rays. Being linear has the advantage that it can be melted and hence repaired by hot fusion welding.

The colour pigment is moulded-in and consequently not added as a coating ensuring greater life of the color and a big help to the environment as it never requires additional paintings, avoiding toxic dispersions in the water. Floatex polyethylene require a minimal maintenance.

R&D laboratory daily perform test on production samples such as tensile test, hardness test, abrasion test, UV test and Cold temperature test, colour test and other ordinary tests in the aim to ensure the quality and the reliability of Floatex polyethylene.

The GAV80115-SEC buoys are then filled with closed-cell polyurethane foam.

The polyurethane foam ensure great resistance to the leakage of air or water, ensuring unsinkability to the buoy also in case of accidental breaks of the outer shell. The polyurethane foam is 100% made and tested before production by our R&D laboratory.

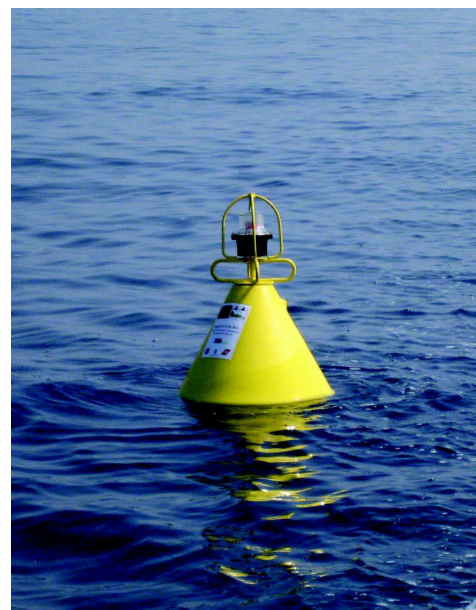
The buoys come complete with a counter balancing weight that guarantees their stability during the mooring, even if the products should break free from its mooring, as per IALA norm requirements.

The buoy is usually complete with fixed steel plate on the bottom part for the connection with the mooring line.

A steel bar passes through the center of the buoys and is equipped on one end with a mooring eye, and on the opposite end with a small mounting plate for the signalling equipment. All the metal parts are sandblasted, galvanized and painted with marine grade polyurethane paint to ensure a longer life of the colour.

The solar charged marine beacon is equipped with a yellow lens, and can be customized with specific lighting requirements that clients might have.

It normally comes equipped with a LED self-powered marine lantern.



BICON 80115 LIGHT BUOY

TECHNICAL DATA

DIMENSIONS

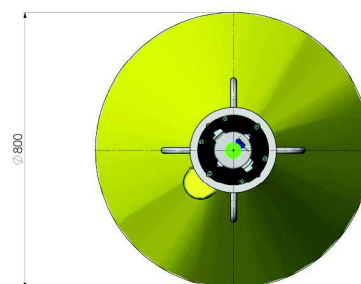
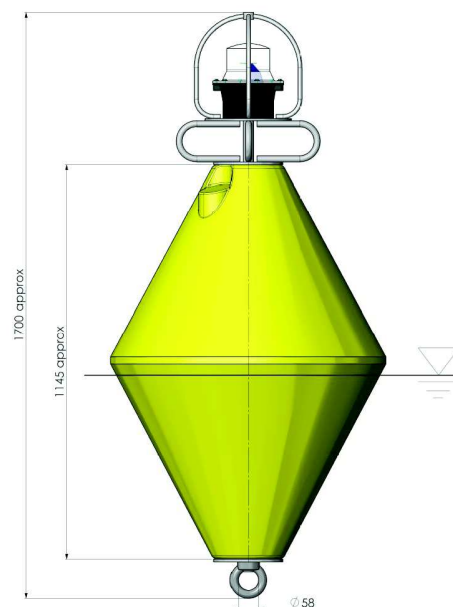
Body Diameter (nominal)	800 mm
Thickness minimum	7 mm
Focal plane (Minimum)	0,9 m
Draught (without mooring)	560 mm
Air weight	60 kg

STANDARD EQUIPMENT3

MARINE LANTERN PROTECTION	GALVANIZED STEEL
MARINE LANTERN	Max supported weight 5 kg
MOORING RING	GALVANIZED STEEL
FLOAT	SHELL: Rotomoulded polyethylene CORE: Polyurethane foam (All IALA colours available)
MOORING EYE M30	GALVANIZED STEEL

RECOMMENDED MOORING

Chain size	14 mm
Max supported mooring	115 kg
Sinker (in sea water)	300 kg



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SHORT VERSION



FLOATEX

www.floatex.com