

FLC3000

Technical Documentation



Rotationally molded floats

**UV stabilized high density
Polyethylene (UV16)**

Galvanized steel structure

Aluminum marine grade mast

**Ready for solar panels and
batteries**

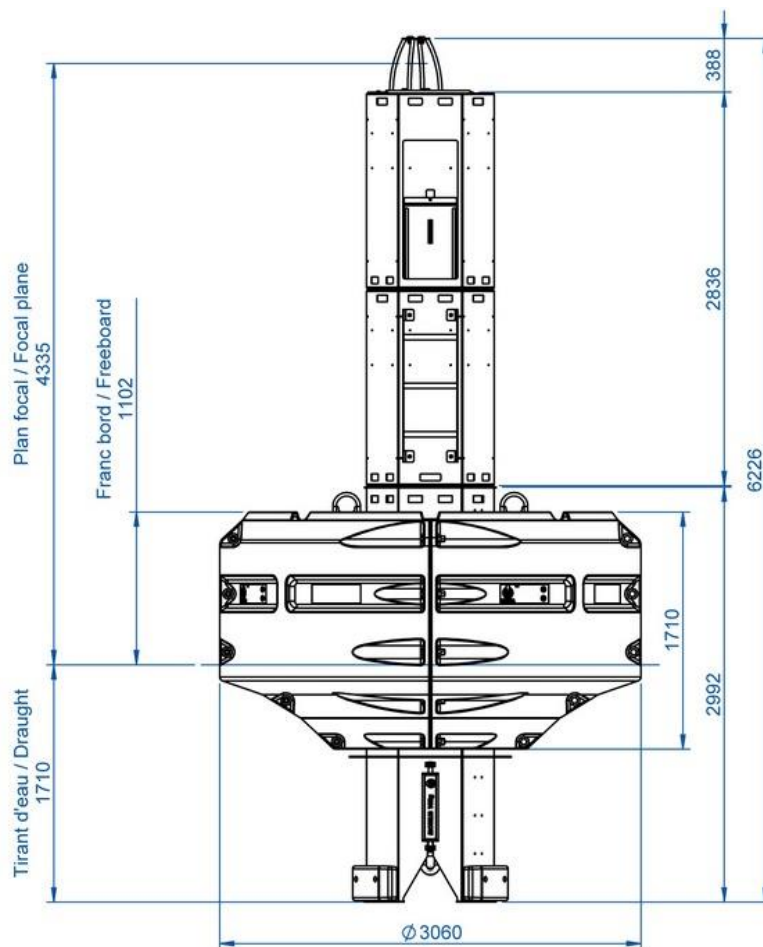
7 years warranty

Manufactured in France

Quality materials

Cost effective product

Matching IALA specifications



Technical data	
Diameter	3000 mm
Height (no topmark)	6226 mm
Volume	8170 l
Draught	1710 mm
Freeboard	1102 mm
Mast	2836 mm / 4246 mm (extended mast version)
Weight with ballasts	2077 kg
Visible area	From 6 m ²
Focal plane	From 4335 mm / 5745 mm (extended mast version)

Materials	
Structure, Lifting and Mooring Points	S355 galvanized steel (SS316 option available)
Float	4 independent floats. UV-stabilized (UV15) Polyethylene high density. Rotational molding
Mast	Hexagonal shape. Aluminum 5083/5086 marine grade 3 to 4.5 meters. Powder coated.
Colors	Pigments matching IALA specifications directly integrated into the polyethylene during rotational molding for no painting ever.
Ladder	Aluminum 5083/5086 marine grade
Ballasts	Cast Iron. Removable. 4 x 100kg
Topmark	Powder coated aluminum
Radar Reflector	Aluminum 5083/5086 marine grade
Eco friendly	Recyclable polyethylene. Heavy metal free. No ecological damages

DETAILED INFORMATION

FLC3000 SPECIFICATIONS						
GENERAL		MATERIALS		QUANTITY	DIMENSIONS (mm)	WEIGHT (kg)
DIAMETER (mm)	3000	BALLAST	CAST IRON	4	552x248x140	100,3
WEIGHT (kg)	2065	INTERNAL STRUCTURE / LIFTING AND MOORING	GALVANIZED STEEL S355J2G3 / 2 x LIFTING (Ø25) AND 3 x MOORING (Ø47) EYES	1	2992 x 1030 x 1030 THK6 to 10	577,5
VOLUME (l)	8228	LADDER	ALUMINIUM 5083/5086 MARINE GRADE	1	1100 x 400 x 250	5,28
FOCAL PLANE	4335	FLOAT	MEDIUM DENSITY VIRGIN POLYETHYLENE UV15 GRADE	4	1710 x 1500 x 1500 THK22	220
		MAST WITH ACCESS DOOR	ALUMINIUM 5083/5086 MARINE GRADE	1	1410 x 900 x 875 THK4	38,93
		MAST	ALUMINIUM 5083/5086 MARINE GRADE	1	1410 x 900 x 875 THK4	43,13
		ROOFTOP	ALUMINIUM 5083/5086 MARINE GRADE	1	785 x 436 x 6	3,87
		BATTERY BOX / 2 x 100A	ALUMINIUM 5083/5086 MARINE GRADE	OPTION (1)	622 x 380 x 252 THK4	11,1
		TOPMARK SUPPORT	ALUMINIUM 5083/5086 MARINE GRADE	1	300 x 300 x 338	2,29
		MAST BASE AND TOP	HIGHT DENSITY VIRGIN POLYETHYLENE UV15 GRADE	2	903 x 875 THK10	5
		ANODES	ZINC ALUNINUM	2	650 x 116 x 100	10
		SCHAKLE	DN42 HOT DIP GALVANIZED STEEL	1	DN42	9
		SCREWS, BOLTS	-	1	-	34,48
TOPMARKS SPECIFICATIONS						
		MATERIALS		QUANTITY	DIMENSIONS (mm)	WEIGHT (kg)
		TOPMARK STARBOARD	POWDER COATED ALUMINUM	OPTION (1)	654 x 550 x 550	2,5
		TOPMARK PORTHAND	POWDER COATED ALUMINUM	OPTION (1)	690 x 550 x 550	3
		TOPMARK CARDINAL	POWDER COATED ALUMINUM	OPTION (1)	1304 x 550 x 550	5
		TOPMARK ISOLATED DANDER	POWDER COATED ALUMINUM	OPTION (1)	1398 x 550 x 550	5
		TOPMARK SAINT ANDREW CROSS	POWDER COATED ALUMINUM	OPTION (1)	600 x 550 x 550	3
		TOPMARK SAFE WATER / FAIRWAY	POWDER COATED ALUMINUM	OPTION (1)	700 x 550 x 550	3,5

FLC3000 IN DIFFERENT CONFIGURATIONS



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Toutes les configurations possibles sur le site
All available configurations on website

www.fulloceans.com

Ref.	DC1
2021/11/22	



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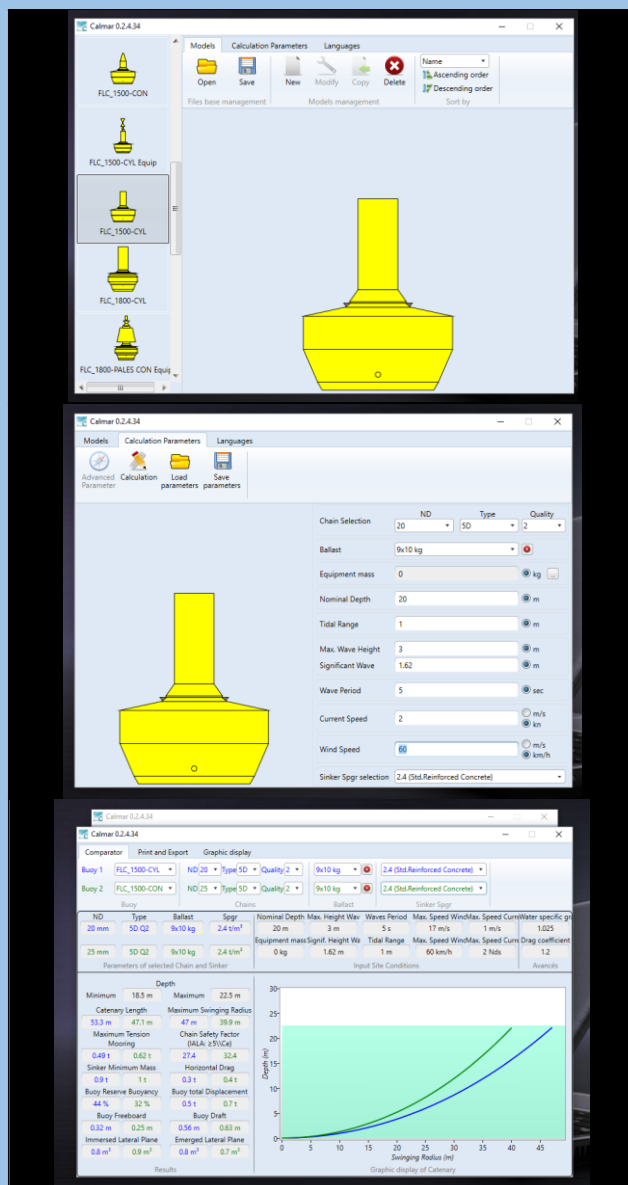
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