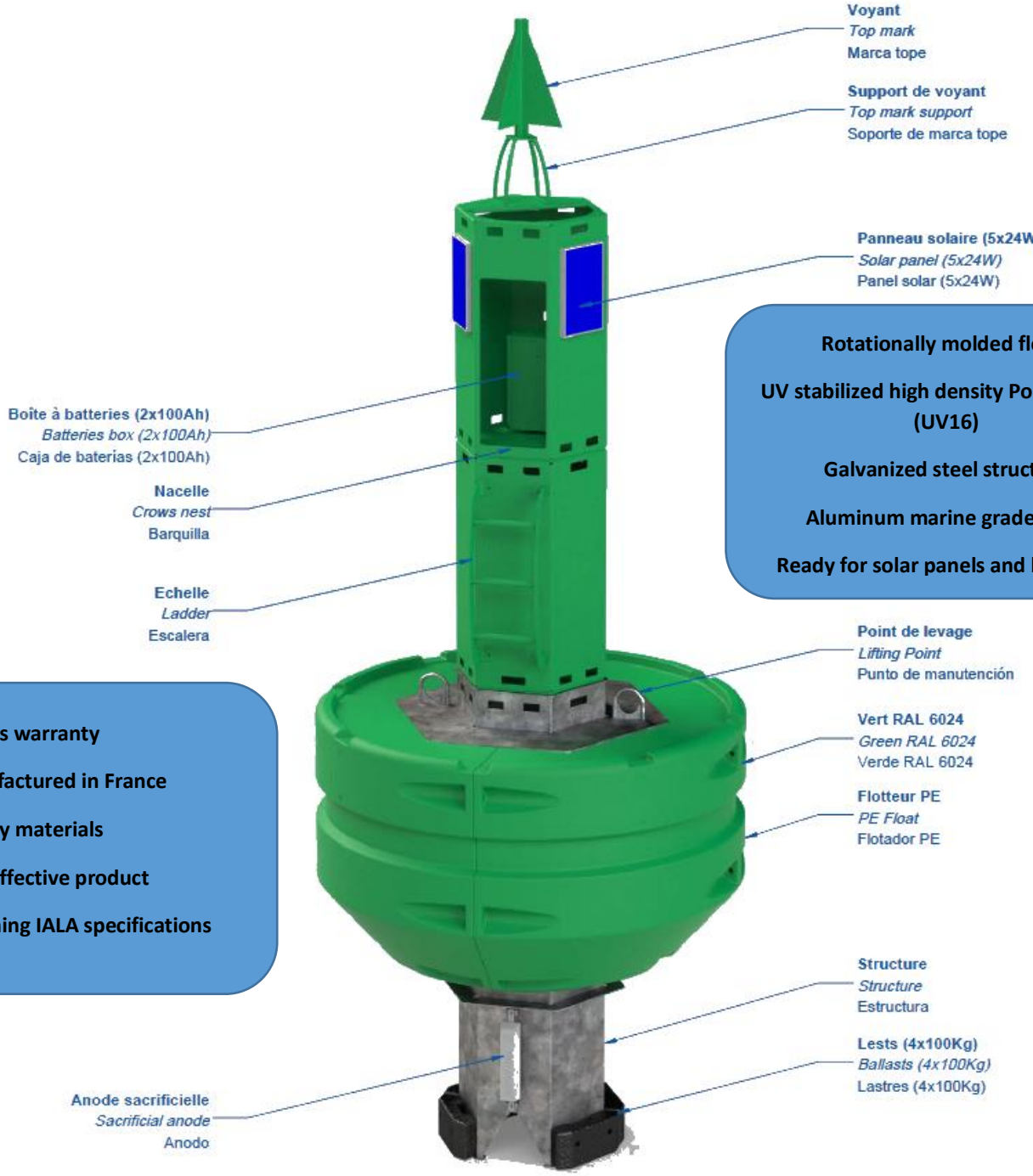
Ref.	DC3
2021/10/08	

FLC2600 buoy

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

info@fulloceans.com | Telephone: +33 (0)413 682 288
Head office: 171 bis, chemin de la Madrague Ville F-13002 Marseille - France

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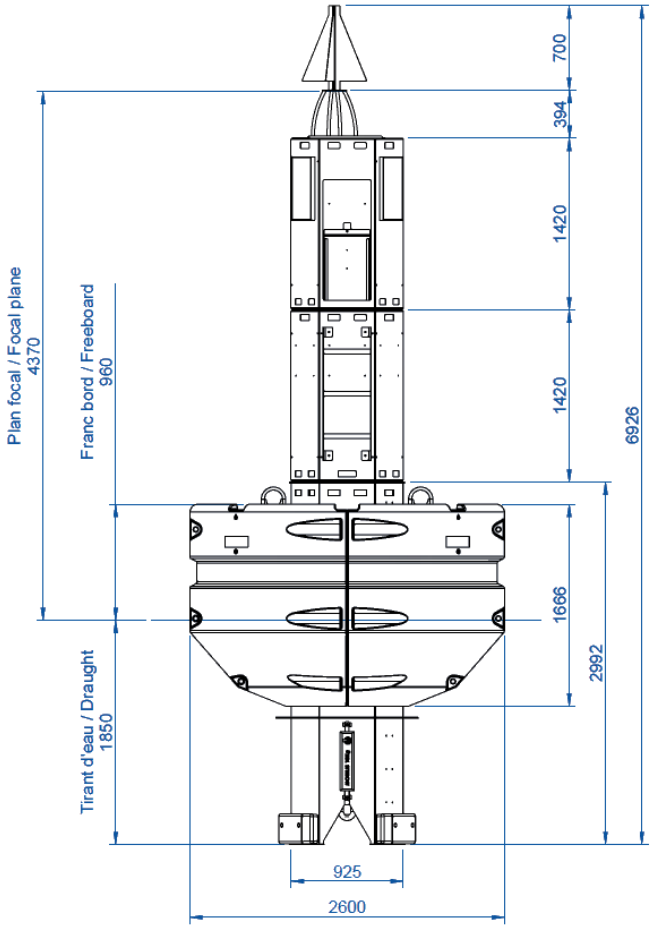

Technical data	
Diameter	2600 mm
Height (no topmark)	6226 mm
Volume	5900 l
Draught	1850 mm
Freeboard	960 mm
Mast	2836 mm
Weight with ballasts	1814 kg
Visible area	From 5.5 m²
Focal plane	From 4235 mm

Materials	
Structure, Lifting and Mooring Points	S355 galvanized steel (SS316 option available)
Float	4 independent floats. UV-stabilized (UV16) Polyethylene high density. Rotational molding. Not foamed. (Available on request only)
Mast	Hexagonal shape. Aluminum 5083/5086 marine grade 3 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

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2021/10/08	

DETAILED INFORMATION

FLC2600 SPECIFICATIONS						
GENERAL		MATERIALS		QUANTITY	DIMENSIONS (mm)	WEIGHT (kg)
DIAMETER (mm)	2600	BALLAST	CAST IRON	4	552x248x140	100,3
WEIGHT (kg)	1814	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)	5900	LADDER	ALUMINIUM 5083/5086 MARINE GRADE	1	1100 x 400 x 250	5,28
FOCAL PLANE	4235	FLOAT	MEDIUM DENSITY VIRGIN POLYETHYLENE UV15 GRADE	4	1666 x 1300 x 1300 THK22	160
		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 x6	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

Available in all configurations: lateral, cardinal, special mark, fairway, wreck, …

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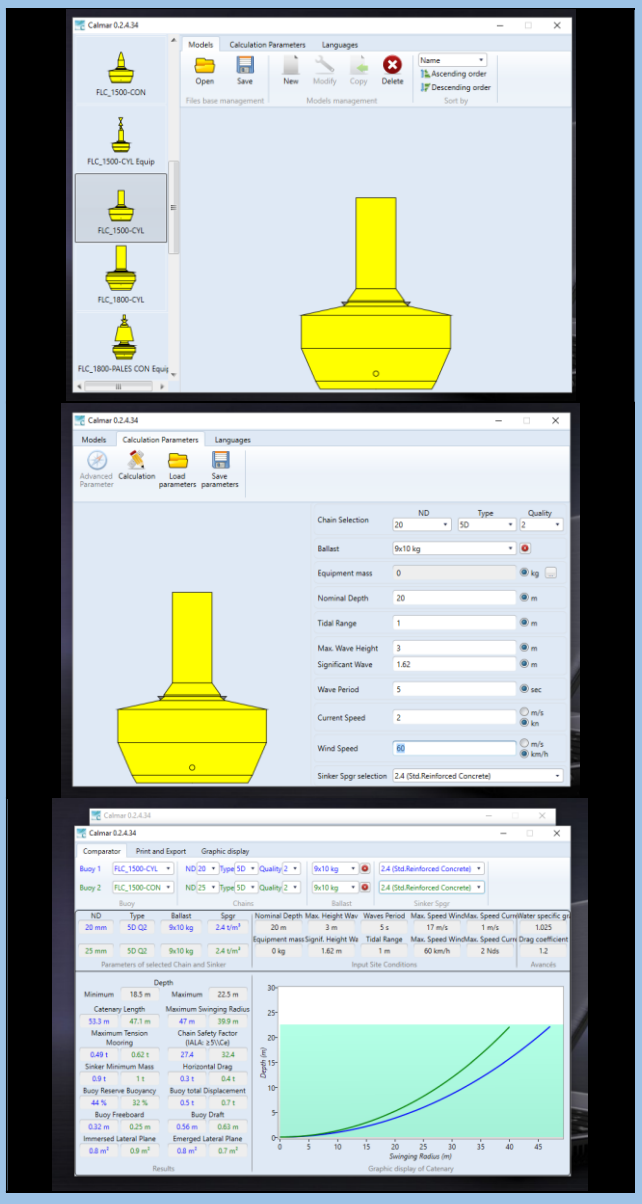
IALA had endorsed CALMAR as the leading mooring line calculation software.



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