

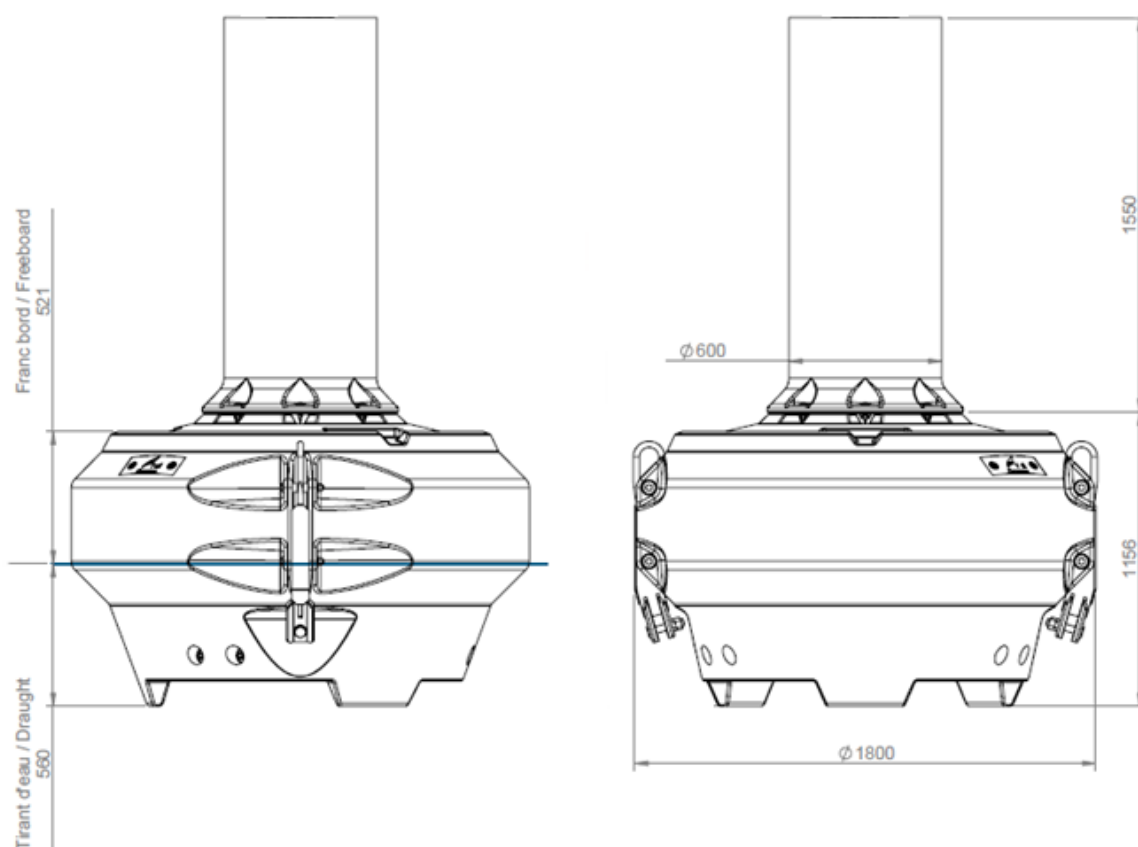
Ref.	DC1
2020/03/05	

FLC1800 buoy

Documentation Technique / Technical Documentation



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Technical data	
Diameter	1800 mm
Height (no topmark)	2710 mm
Volume	1544 l
Draught	560 mm
Freeboard	521 mm
Mast	1554 mm
Weight with ballasts	432 kg
Submergence	21 kg/cm
Visible area	From 2,9 m ² to 3.3 m ² (with high visibility daymark)
Focal plane	2355 mm with Carmanah M850, 2460 mm with Carmanah M860

Materials	
Structure, Lifting and Mooring Points	S235 galvanized steel (SS316 option available)
Float and mast:	UV-stabilized Polyethylene high density. Rotational moulding
Foam	Polyurethane 40 kg/m ³
Colors	Pigments matching IALA specifications directly integrated into the polyethylene during rotational moulding for no painting ever.
Ballasts	Cast Iron. Removable
Topmark	Powder coated aluminium
Radar Reflector	Aluminium 5083/5086 marine grade
Eco friendly	Recyclable polyethylene. Heavy metal free. No ecological damages

Ø1800 SPECIFICATIONS						
Général / General		Matières / Materials		Quantité / Quantity	Dimensions (mm)	Masse / Weight (kg)
Diametre / Diameter (mm)	1800	Lest / Ballast	Fonte grise / Cast iron	3	400x220x105	50
Masse / Weight (kg)	431,89	Fixation Mât / Mast + Base	Acier S235J2G3 galvanisée / galvanized steel S235J2G3	1	(760x76) & (430x175)	30,81
Volume (l)	1544	Cadène / Chainplate	Acier S355J2G3 galvanisée / galvanized steel S355J2G3	2	791 x 166 x 108	12,13
Plan focal / Focal plane (mm)		Flotteur / Float	Polyéthylène haute densité / High density polyethylene	1	Ø1800x1150 ep 12	130,35
Carmanah M650	2300	Mousse / Foam	Polyuréthane 40Kg/m³ / Polyurethane 40Kg/m³	1	-	53,85
Carmanah M850	2350	Mât / Mast	Polyéthylène haute densité / High density polyethylene	1	Ø770x1550xØ600 ep6	23,39
Carmanah M860	2455	Fixation Feu / Lantern (for M650 only)	Polyéthylène haute densité / High density polyethylene	option	Ø230x10	0,39
		Feu / Lantern	CARMANAH M650	option	176x170	1,58
			CARMANAH M850	option	235x226	5,3
			CARMANAH M860	1	235x328	10,2
		Visserie / Screws, bolts	-	1	-	9,03

Ø1800 SPECIFICATIONS HAUTE VISIBILITE / HIGH VISIBILITY						
Général / General		Matières / Materials		Quantité / Quantity	Dimensions (mm)	Masse / Weight (kg)
Diametre / Diameter (mm)	1800	Lest / Ballast	Fonte grise / Cast iron	3	400x220x105	50
Masse / Weight (kg)	448,76	Fixation Mât / Mast + Base	Acier S235J2G3 galvanisée / galvanized steel S235J2G3	1	(760x76) & (430x175)	30,81
Volume (l)	1575	Cadène / Chainplate	Acier S355J2G3 galvanisée / galvanized steel S355J2G3	2	791 x 166 x 108	12,13
Plan focal / Focal plane (mm)		Flotteur / Float	Polyéthylène haute densité / High density polyethylene	1	Ø1800x1150 ep 12	130,35
Carmanah M650	2300	Mousse / Foam	Polyuréthane 40Kg/m³ / Polyurethane 40Kg/m³	1	-	53,85
Carmanah M850	2350	Mât / Mast	Polyéthylène haute densité / High density polyethylene	1	Ø770x1550xØ600 ep6	23,39
Carmanah M860	2455	Marque de jour Haute visibilité / High visibility Daymark	Polyéthylène haute densité / High density polyethylene	1	1500x1400	24,09
		Feu / Lantern	CARMANAH M650	option	176x170	1,58
			CARMANAH M850	option	235x226	5,3
			CARMANAH M860	option	235x328	10,2
		Visserie / Screws, bolts	-	1	-	9,03

Ø1800 TOPMARKS SPECIFICATIONS					
Général / General		Matières / Materials		Quantité / Quantity	Masse / Weight (kg)
Topmark Powder coated Aluminium	Voyant / Topmark Starboard	Powder coated Aluminium		option	550x654
	Voyant / Topmark Porthand	Powder coated Aluminium		option	550x690
	Voyant / Topmark Cardinal	Powder coated Aluminium		option	550x1304
	Voyant / Topmark Isolated danger	Powder coated Aluminium		option	550x1398
	Voyant / Topmark Saint Andrew Cross	Powder coated Aluminium		option	550x550
	Support de voyant / Topmark support	Aluminium 5083/5086 qualité marine / Aluminium marine grade 5083/5086		option	300x300x338

SOME CONFIGURATIONS



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

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Head office: 171 bis, chemin de la Madrague Ville F-13002 Marseille - France

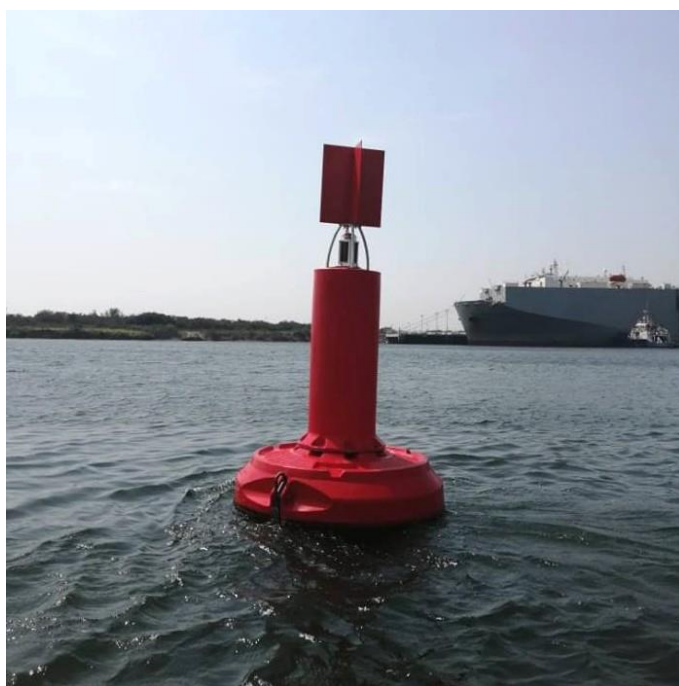
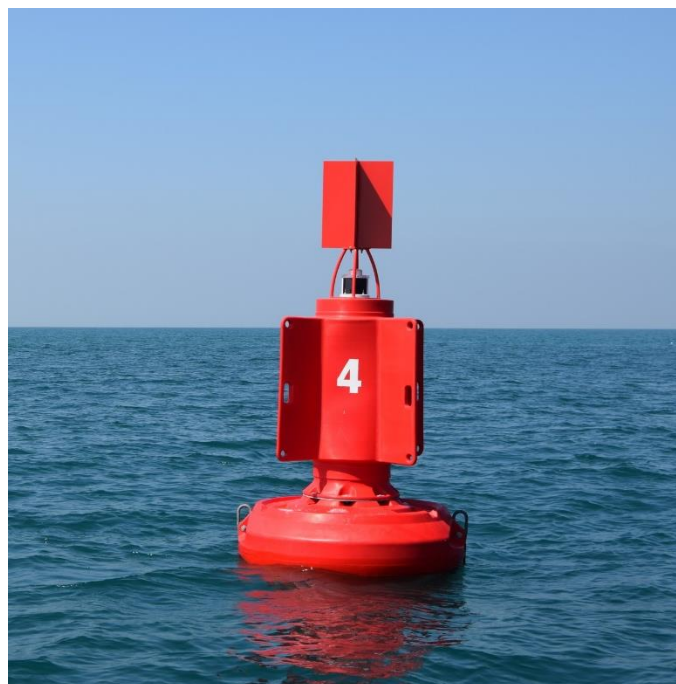
Manufacturing and warehouse facilities: Zone Industrielle Jean Malèze 25, rue Lavoisier F-47240 Bon-Encontre - France

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SOME PICTURES



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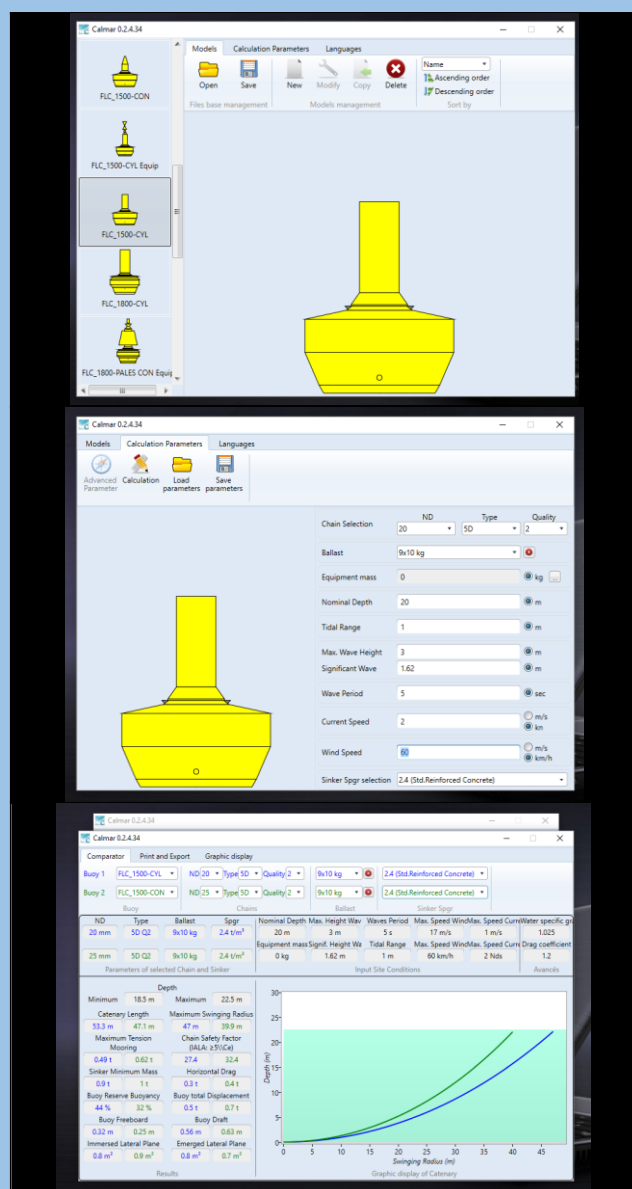
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