



FEATURES & BENEFITS

FEATURES

- Manufactured to stringent Coast Guard requirements
- Design disperses mooring loads throughout structure
- Rugged 7mm wall thickness in MDPE
- Proprietary IALA E108 Compliant colour with UV-20 protection package
- Foam filled core, will not sink if punctured or damaged
- 316 Stainless steel inserts for Top Marks and Lantern attachment
- 316 Stainless steel mooring eye
- Conformance to IALA Recommendations
- Available in Lateral, Cardinal, Isolated Danger, Safe Water and Special Mark

BENEFITS

- Small Spar buoy for marking inshore channels and hazards to navigation
- Small durable single float construction
- Designed to withstand harsh Canadian weather conditions
- Short range inshore Visual Aid with a 0.75 NM visible range
- Ideal for self contained LED lantern
- Internal Tube Type Radar Reflector [2m² (Avg at +/- 3 deg.)]
- 316 stainless steel inserts and mooring eye
- Can be easily deployed from a small vessel
- Ultra-low maintenance and does not require sand-blast and painting

SPECIFICATIONS

GENERAL SPECIFICATIONS

Diameter	0.37 m
Overall Height	2.18 m
Mass	38 kg
Submergence	1.1 kg/cm

PERFORMANCE SPECIFICATIONS

Focal Plane Height (Maximum)	1.56 m
Draught (Minimum)	0.68 m
Reserve Buoyancy (at max FP)	50 kg
Minimum Mooring Weight	20 kg
Maximum Mooring Weight	55 kg
Visual Area/Surface (at max FP)	0.40 m ²
Visual Range (at max FP)	0.75 NM
Radar Reflector (Optional)	Tube Reflector (2 m ²)
Radar Range	0.50 NM

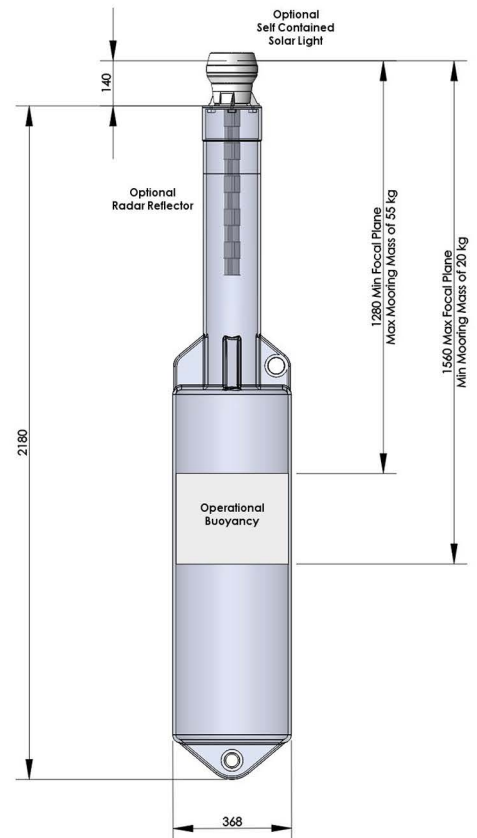
OPERATING CONDITIONS

Air Temperature Range	-40 C to +50 C
Water Temperature Range	-2 C to +50 C
Operational Current	0 to 2 knots
Survival Current Speed	6 knots
Operational Wind Speed	0 to 30 knots
Survival Wind Speed	80 knots
Operational Wave Height	1.50 m
Survival Wave Height	4.50 m

MATERIAL SPECIFICATIONS

Topmark (Optional)	N/A
Daymark Structure	N/A
Core Structure	N/A
Lifting and Mooring Structure	316 stainless steel mooring lug
Lifting Break Load	N/A
Buoy Hull	Rotationally molded virgin MDPE with UV20 protection package
Wall Thickness	6 mm
Foam Filling (Optional)	Closed cell EPS fused in situ block
Colors	IALA compliant colors in accordance with IALA Specification E108
IALA Compliance Testing	Independent laboratory test results available
Colorfastness Test Procedure	Xenon Arc Accelerated Weathering per ASTM D-2565
Colorfastness Testing	Independent lab test results available per ASTM D-2244
Product Life Expectancy	> 20 years
Warranty	5 years

GENERAL ARRANGEMENT



Ask about our full line of topmarks and self-contained solar lanterns!



Proud member of the International Association of Lighthouse Authorities.

IALA aims to foster the safe and efficient movement of vessels through the improvement and harmonisation of marine aids to navigation worldwide, and by other appropriate means.