deStellys

LUMA

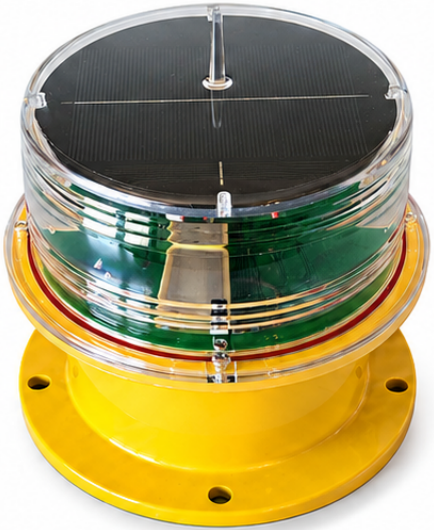
Self Contained LED Marine Lantern

Range 1–2+ NM

IALA E-200-1 COMPLIANT

LUMA is a compact, self contained LED marine lantern designed for short-range aids to navigation. Ideal for marinas, inland waterways, harbors, mooring buoys, and sheltered or coastal waters, it delivers reliable signaling performance in a durable, easy-to-install solution.

Built for simplicity and autonomy, LUMA combines high-efficiency solar charging with low power consumption to ensure dependable operation with minimal maintenance. Engineered to withstand harsh marine environments, it's the smart choice for safe and efficient navigation marking.



2 YEARS WARRANTY

- **1–2+ NM** — Nominal Range (Ato-7d)
- **GPS** — Synchronization (Optional)
- **6 / 8 Ah** — Battery Options
- **1.8 W** — High Efficiency Solar Panel
- **360°** — Horizontal Coverage
- **IP68** — Waterproof Protection

AVAILABLE COLORS

Red | Green | Yellow | White | Blue | Yellow/Blue

All colors are fully compliant with IALA specifications.

APPLICATIONS

- **Marinas & Yacht Harbors** — Quay marking, mooring buoys, harbor entrances.
- **Inland Waterways** — Channel marking, river navigation, bank signaling.
- **Coastal Areas** — Maritime work, restricted zones, anchorage, wreck marking.
- **Aquaculture** — Delimitation of farming areas.

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TECHNICAL DATA

2 YEARS WARRANTY

PHOTOMETRIC PERFORMANCE

Nominal Range	1-2+ NM (AT@0.74)
Max Intensity	Red 10 cd / Green 40 cd / Yellow 9 cd / White 19 cd / Blue 12 cd
Vertical Divergence	7+ deg
Horizontal Coverage	360 deg
Operation Mode	Dusk-to-dawn automatically (built-in photocell)

SOLAR CELLS

Technology	Mono-crystalline Silicon
Power Output	1.8 Watt
Charging Regulation	Microprocessor controlled

PROGRAMMING & CONFIGURATION

IALA Flash Patterns	360+ Flashing Modes
Programming Method	InfraRed Remote Controller

CERTIFICATIONS & COMPLIANCE

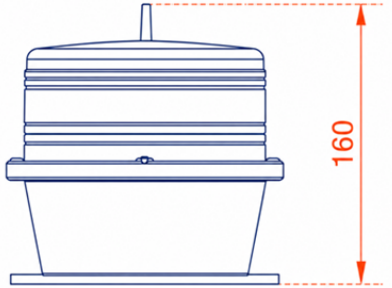
Regulations	IALA E-200-1; CE
Warranty	2 years
Life Expectancy	100,000 hours

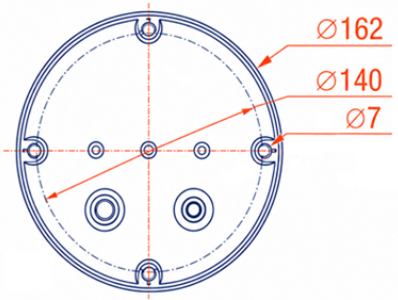
ELECTRICAL CHARACTERISTICS

Light Source	High Performance LED
Nominal Voltage	3.7 V
Battery	Standard 6Ah / Extended 8Ah
Battery Type	Lithium ion battery
Special Features	ON/OFF Switch, External Charge Port, GPS Synchronization (Extended)

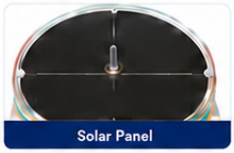
MECHANICAL CHARACTERISTICS

Lens Diameter	140 mm
Lens Material	UV protected Polycarbonate
Body Material	Powder Coated Aluminum
Mounting	4 holes on Ø140 mm bolt M6 pattern
Dimension	162 × 162 × 160 mm
Weight	Standard 0.5 kg / Extended 1.2 kg
Waterproofing	IP68
Temperature Range	-50°C to +60°C





DETAILS



Solar Panel

High efficiency mono-crystalline solar panel.



ON / OFF Switch

Easy access ON/OFF switch for quick operation.



External Charge Port

External charging port for convenient battery recharging.



Muttiple Colors

Available in Red, Green, Yellow, White, Blue and Yellow/Blue.

PRODUCT CODE

Standard	LUMA-c-6Ah
Extended	LUMA-c-8Ah-GPS

c : color