

LUMA

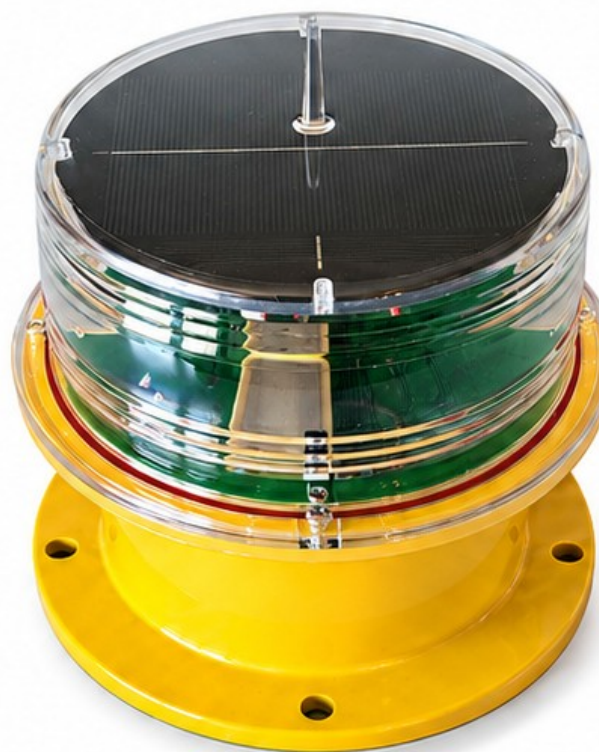
Self Contained LED Marine Lantern

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.



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.

TECHNICAL DATA



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

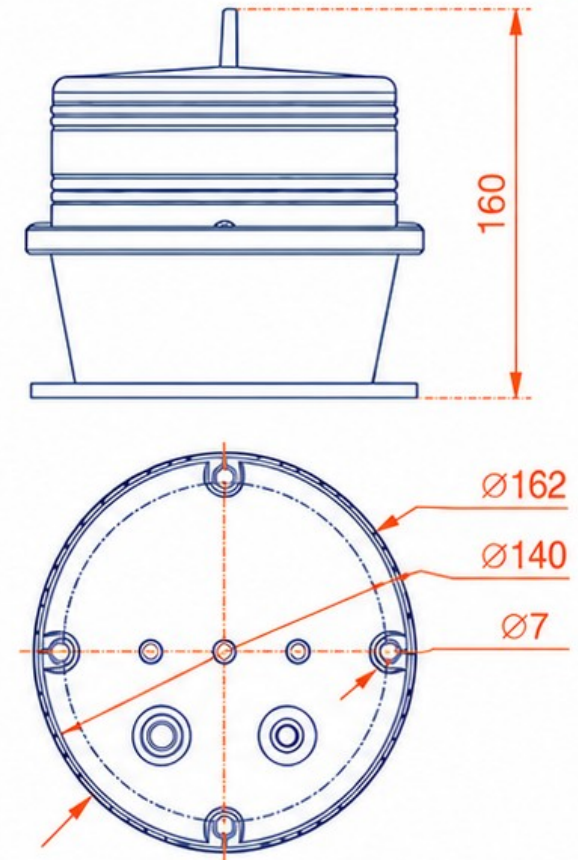
Regulations	IALA E-200-1; CE
Warranty	2 years
Life Expectancy	100,000 hours

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.



Multiple Colors

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

PRODUCT CODE

Standard LUMA-c-6Ah

Extended LUMA-c-8Ah-GPS

c : color

