

## Leading lights

### LER500 • COMPACT REFLECTOR BEACON



LER500 is a reflector light beacon of high quality and high luminous performance. It is compact, lightweight and suitable to work with AC or DC power supplies.

As it reaches big nominal ranges, it can be used as directional light in beaconing by night and by day. Its luminous system is composed of high luminous performance sealed beam halogen lamps.

Especially suitable for beaconing of places where long durability and resistance in very severe marine environments are requested

## Features

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- Unsurpassed stability and reliability.
- Robust and durable design of the lantern with cylindrical high optic quality glass lens cover, 500 mm diameter.
- Different optic configurations based on the association of lamps with sealed beam.
- Integral bird spike.
- Microprocessor controlled, smart user-friendly software.
- Lamp voltage programmable with power efficient PWM: it increases lamp life and allows the use of lamps with any input voltage, from 6 V to 35 V.
- Halogen lamps of 12 V, of sealed beam, with average lifetime of 2,500 h.
- Easy transportation and installation.
- Minimum operating and maintenance assistance.
- Optical configurations with reserve lamps, which start automatically in case any of the principal lamps fail.
- Status and alarms of motor, lamps and batteries ready for monitoring and remote control.
- Constructed with marine-grade resistant materials.

## Technical specifications

- Luminous nominal range above 20 n.m. (T=0,74) (140,000 Cd)
- High optical quality glass lens cover of 500 mm diameter.
- Colour available in clear, red, and green (according to IALA Recommendations)
- Input supply: from 10 to 35 V DC.
- Any other AC supply using AC-DC converter.
- Optical configurations with reserve lamps.
- Watertightness degree IP 66.
- Electromagnetic compatibility **CE**
- Net Weight: 60 kg.
- Shipping Data: 60 x 60 x 130 cm (0,468 m<sup>3</sup>), 77 kg (wooden)

LER500	Voltage (V)	Power (W)	Intensity (Cd)	D.H. (50% I <sub>0</sub> )
Lamps QR111 12 V / 50 W				
1 Panel 2 Lamps	12	100	35.000	15°
1 Panel 3 Lamps	12	150	35.000	21°
1 Panel 4 Lamps	12	200	35.000	28°
2 Panels 2 Lamps	12	200	70.000	15°
2 Panels 3 Lamps	12	300	70.000	21°
2 Panels 4 Lamps	12	400	70.000	28°
3 Panels 2 Lamps	12	300	105.000	15°
3 Panels 3 Lamps	12	450	105.000	21°
3 Panels 4 Lamps	12	600	105.000	28°
4 Panels 2 Lamps	12	400	140.000	15°
4 Panels 3 Lamps	12	600	140.000	21°
4 Panels 4 Lamps	12	800	140.000	28°

These luminous intensity values are for white light:

For red light, multiply by 0.32.

For green light, multiply by 0.32

