

ML-OS155-06 Lantern

Patent No. ZL200620043738.7

ML-O155-06 lantern is a newly developed Self Contained Solar Power LED Marine Signal Lantern that has 3 intensity outputs ranging 4, 5 and 6 nautical miles for site selection. ML-OS155-06 lantern has characters of easy installation, no need of battery and maintenance free. It is widely used on light buoys and beacons at sea.

Features & Benefits

- Supper bright LED save energy
- Patent optic design insure high light efficiency
- High horizontal intensity uniformity
- Computer chip control achieve high reliability
- Line controller set range and rhythm / No need to open lantern
- UV resistant PC for lens
- Aluminium alloy base with special treatment suits marine environment
- Pass EMC test
- Light weight and easy installation

Specifications

- Light source: Supper bright LED
- Vertical divergence: $\geq 7.5^\circ (I_{50\%})$
- Sun switch: $250 \pm 50 \text{ lx}$
- Flash rhythm: 256 rhythms site selectable
- Idling current: $\leq 4\text{mA}$
- Solar panel: $4\text{W} \times 4$
- Maintenance-free battery: 24Ah
- Autonomy (50% flash, 12hr/day):
6nm $\geq 8\text{day}$; 5nm $\geq 12\text{day}$; 4nm $\geq 19\text{day}$.
- Temperature: $-35^\circ\text{C} \sim +55^\circ\text{C}$
- Protection: IP66
- Dimension: $280 \times 280 \times 480\text{mm}$
 $480 \times 480 \times 480\text{mm}$ (panel stretched)
- Installation: 4- $\Phi 17$ on 200mm bolt circle
- Weight: 16kg



- ☆ Optional: GPS synchroflash and remote control.
- ☆ Special lantern for IALA Emergency Wreck signal:
Blue 1+ (0.5) + Yellow 1+ (0.5) = 3s
Range: 4nm (T=0.74)
Autonomy: 9 day

Intensity and Range

Red

Range	Max.	Range	0.5s	Range
selection	intensity	(T=0.74)	intensity	(T=0.74)

Green

Range	Max.	Range	0.5s	Range
selection	intensity	(T=0.74)	intensity	