



ML-OS160-06 Lantern

ML-OS160-06 lantern is a newly developed LED Marine Signal Lantern with intensity outputs ranging upto 6 nm (T=0.74) or 7.8nms (T=0.85). ML-OS160-06 lantern has characters of high light output and long working life. The lantern is widely used on light buoys and beacons at sea.

Features & Benefits

- Comply with IALA and GMU (General Marine Use) standard
- Supper bright LED save energy, life 100,000 hours min
- Light weight and easy installation
- High horizontal intensity uniformity
- Patent optic design insure high light efficiency with adjustable light intensity.
- Computer chip control achieve high reliability
- UV resistant Polycarbonate for lens with acrylic violet ultra protected
- Solar charge controller: intergratged microprocessor

Specifications

- Light source: Supper bright LED
- Vertical divergence: 7.5° (150%)
- Sun switch on/off: 70/100 Lux
- Flash rhythm: 256 rhythms site selectable
- Idling current: $\leq 4\text{mA}$
- Solar panel : 20W
(Type: EVA temperd glass laminate, efficiency: 14% min)
- Maintenance-free battery: 32 Amp-hr @ 10hr discharge
(Type:: Pure-Lead thin lead with starved-electrolyte
Nominal Voltage: 6 Volts
Battery Venting : Vent at bottom of lantern
Sealing : Self-Contained Unit, Sealed Wit)
- Min lifetime batery: 5 years
- Autonomy (50% flash, 12hr/day):
 - 6nm \geq 192 hours; (T=0.74) or 7.8nms (T=0.85)
 - 5nm \geq 300 hours; (T=0.85) or 6nms (T=0.85)
 - 4nm \geq 456 hours. (T=0.74) or 5nms (T=0.85)
- Temperature: $-35^\circ\text{C} \sim +55^\circ\text{C}$
- Protection: IP68
- Installation: 3 and 4- Φ 13 on 200mm bolt circle
- Weight: 8kg



- ☆ Optional: GPS synchroflash and GSM/GPRS/3G/4G remote monitoring and control.
- ☆ Specifications can be changed without notice in advance