



ML-O155-09 Lantern

ML-O155-09 lantern is a newly developed LED Marine Signal Lantern that has 3 intensity outputs ranging 7, 8 and 9 nautical miles (T=0.74) or 12.5 nms (T=0.85) for site selection. ML-O155-09 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

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

Specifications

- Input voltage: DC12V (10~16V)
- Vertical divergence: $\geq 4.5^\circ$ (I50%)
- Sun switch: 250 ± 50 lx
- Flash rhythm: 256 rhythms site selectable
- Idling current: ≤ 4 mA
- Temperature: $-35^\circ\text{C} \sim +55^\circ\text{C}$
- Protection: IP67
- Dimension: $\Phi 240 \times 285$ mm
- Installation: 3 and 4- $\Phi 13$ on 200mm bolt circle
- Weight: 5kg (include 5m cable)



Intensity & Range

Red

Range selection	Power	Max. intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
7nm	10.0W	400cd	7.7nm	286cd	7.1nm
8nm	17.0W	700cd	8.7nm	500cd	8.1nm
9nm	28.0W	1200cd	9.8nm	857cd	9.0nm

Green

Range selection	Power	Max. intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
7nm	7.0W	400cd	7.7nm	286cd	7.1nm
8nm	11.0W	700cd	8.7nm	500cd	8.1nm
9nm	17.0W	1200cd	9.8nm	857cd	9.0nm

Yellow

Range selection	Power	Max. intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
7nm	10.0W	400cd	7.7nm	286cd	7.1nm
8nm	17.0W	700cd	8.7nm	500cd	8.1nm
9nm	28.0W	1200cd	9.8nm	857cd	9.0nm

White

Range selection	Power	Max. intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
7nm	5.0W	400cd	6.5nm	286cd	7.1nm
8nm	8.5W	700cd	6.0nm	500cd	8.1nm
9nm	14W	1200cd	5.3nm	857cd	9.0nm

☆ Optional: GPS synchroflash and remote control.

☆ Please indicate when the lantern on shore needs equip solar power system.