

## ML-O155-06 Lantern

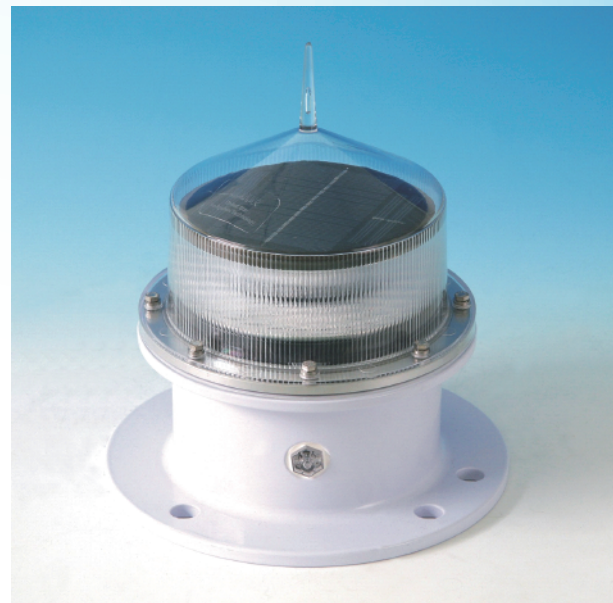
ML-O155-06 lantern is a newly developed LED Marine Signal Lantern that has 3 intensity outputs ranging 4, 5 and 6 nautical miles for site selection. ML-O155-06 lantern has characters of high light output and long working life. The lantern is widely used on light buoys and beacons at sea.

### Features & Benefits

- Super 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
- Pass EMC test
- Light weight and easy installation
- Patent optic design insure high light efficiency
- Computer chip control achieve high reliability
- UV resistant PC for lens

### Specifications

- Light source: Super bright LED
- Input voltage: DC12V (10~16V)
- Vertical divergence:  $\geq 7.5^\circ$  (I50%)
- Sun switch: 250±50 lx
- Flash rhythm: 256 rhythms site selectable
- Idling current:  $\leq 4\text{mA}$
- Temperature:  $-35^\circ\text{C} \sim +55^\circ\text{C}$
- Protection: IP67
- Dimension:  $\Phi 240 \times 285\text{mm}$
- Installation: 3 and 4- $\Phi 17$  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)
6nm	6.00W	210cd	6.6nm	150cd	6.0nm
5nm	4.32W	121cd	5.6nm	86cd	5.2nm
4nm	2.76W	76cd	5.0nm	54cd	4.5nm

#### Green

Range selection	Power	Max intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
6nm	5.40W	230d	6.7nm	164cd	6.1nm
5nm	4.08W	155cd	6nm	110cd	5.5nm
4nm	2.64W	90cd	5.3nm	64cd	4.7nm

#### Yellow

Range selection	Power	Max intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
6nm	7.00W	210cd	6.6nm	150cd	6.0nm
5nm	4.5W	110cd	5.5nm	78cd	5.0nm
4nm	3W	70cd	4.9nm	50cd	4.4nm

#### White

Range selection	Power	Max intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
6nm	5.40W	210d	6.6nm	150cd	6.0nm
5nm	4.08W	150cd	6.0nm	107cd	5.4nm
4nm	2.76W	90cd	5.3nm	64cd	4.7nm

☆ Optional: GPS synchroflash and remote control.

☆ Special lantern for IALA Emergency Wreck Signal (fixed range and rhythm):

Blue 1+ (0.5) + Yellow 1+ (0.5) = 3 second      Range: 4.4 nm (T=0.74)      Power: 3.96 W