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ML-O155-03 Lantern

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ML-O155-03 lantern is a newly developed Self Contained Solar Power LED Marine Signal Lantern that has 3 intensity outputs ranging 1, 2 and 3 nautical miles for site selection. ML-OS155-03 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

- Light source: Supper bright LED
- Input voltage: DC12V (10~40V)
- 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 (with 5m cable)

☆ Optional: GPS synchroflash



Intensity and Range

Red

Range selection	Power	Max. intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
3nm	0.72W	25cd	3.6nm	17.86cd	3.2nm
2nm	0.36W	12cd	2.7nm	8.57cd	2.4nm
1nm	0.12W	4cd	1.8nm	1.29cd	1.1nm

Green

Range selection	Power	Max. intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
3nm	0.72W	30cd	3.8nm	21.43cd	3.3nm
2nm	0.36W	16cd	3.1nm	11.43cd	2.6nm
1nm	0.12W	5cd	2.0nm	3.57cd	1.6nm

Yellow

Range selection	Power	Max. intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
3nm	0.72W	24cd	3.6nm	17.14cd	3.2nm
2nm	0.36W	16cd	3.1nm	11.43cd	2.6nm
1nm	0.12W	4cd	1.8nm	2.86cd	1.5nm

White

Range selection	Power	Max. intensity	Range (T=0.74)	0.5s intensity	Range (T=0.74)
3nm	0.72W	28cd	3.7nm	20cd	3.3nm
2nm	0.36W	15cd	3.0nm	10.71cd	2.6nm
1nm	0.12W	5cd	2.0nm	3.57cd	1.7nm