



ML-O400-23 Lantern

ML-O400-20 lantern is a newly developed medium and long range LED Marine Signal Lantern .By using method of adding LED light source and light tiers and changing output power, the lantern reaches range up to 23 nms (white 1s flash, T=0.74). Operating in flashing type, the lantern produces 256 rhythms for site selection. The lantern use sealed LED light source forming 360 degree horizontal beam. It is easy to change light source in case one is failed. The lantern is reliable, low maintenance and well equip with solar power.

Features & Benefits

- Supper bright LED light unit save energy
- Patent optic design insure high light efficiency
- High horizontal intensity uniformity
- Computer chip control achieve high reliability
- Line controller select rhythm / No need to open lantern
- Pass EMC test
- Aluminium alloy base with special treatment suits marine environment

Specifications

- Light source: Sealed supper bright LED light unit
- Input voltage: DC12V (10~18VDC);
DC24V (18~33VDC);AC100C ~240V
- Vertical divergence: $\geq 6^\circ$ (150%)
- 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: IP66
- Weight: 20-47 kg



Intensity & Range

Tiers	Max Power	Max. intensity	Range (T=0.74)	1s Flash intensity	Range (T=0.74)	0.5s Flash intensity	Range (T=0.74)
1	145W	15,000cd	15.2nm	12000 cd	14.3nm	10000 cd	14.3nm
2	200W	20,000cd	15.9nm	16600cd	15.3nm	14500cd	15.1nm
3	430W	43,400cd	17.7nm	36160cd	17.1nm	31000 cd	17.0nm
5	700W	69,300cd	18.8nm	57750cd	18.4nm	49500 cd	18.0nm
6	850W	10,800cd	20.0nm	89960cd	19.6nm	77110cd	19.3nm

- ☆ Please indicate when purchase if you need GPS synchroflash or remote control.
- ☆ Specifications can be changed without notice in advance

