

ML2000 Solar Powered Marine Navigation port Light

ML2000 use a highly efficient compact lens Self-contained LED lantern for buoys and beacons, solar self-contained design makes it easy to install any emergency case.

Robust body built and surface coating provides good protection against harsh environments. Other advantages like energy saving and cable saving make the solar powered light a good option on obstruction marking.

ML2000 solar light is equipped with a 20W solar panel and 16Ah High-efficiency Lithium rechargeable battery which could power the light up to 20 days(Flash) when the weather is cloudy & rainy.

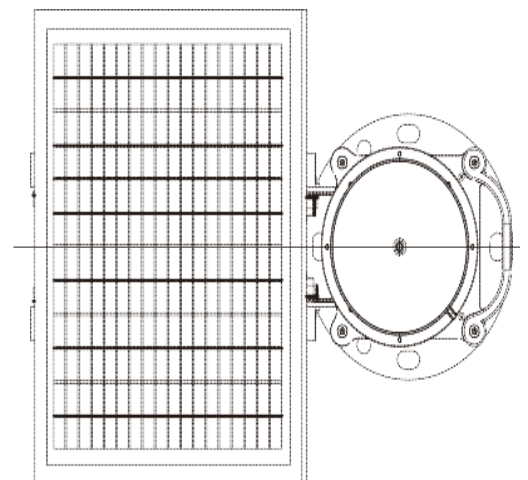
Features

- Green energy
- Ultra-light LEDs, energy saving
- Self-contained without outside power supply
- Maximum visibility distance 20KM
- Cable cost saving & cabling job saving
- No wiring job, nice & easy installation
- 900MHZ wireless signal or GPS can be select
- 256 kinds of Flash frequency.



Specifications

LIGHT OUT-PUT	
Intensity	2000 Candela
LED Color Available	Red, Green, Yellow, White, Blue
Vertical Divergence	7 Degree
Visible range:	360 Degree
Illumination	Ultra-bright LEDs
Visible range:	10 Nautical miles



OPERATION

Autonomy	Flashing : 7 days(14 hours/day)
On & Off Level	70/100 Lux
Flash Pattern	Flashing (30FPM as default)

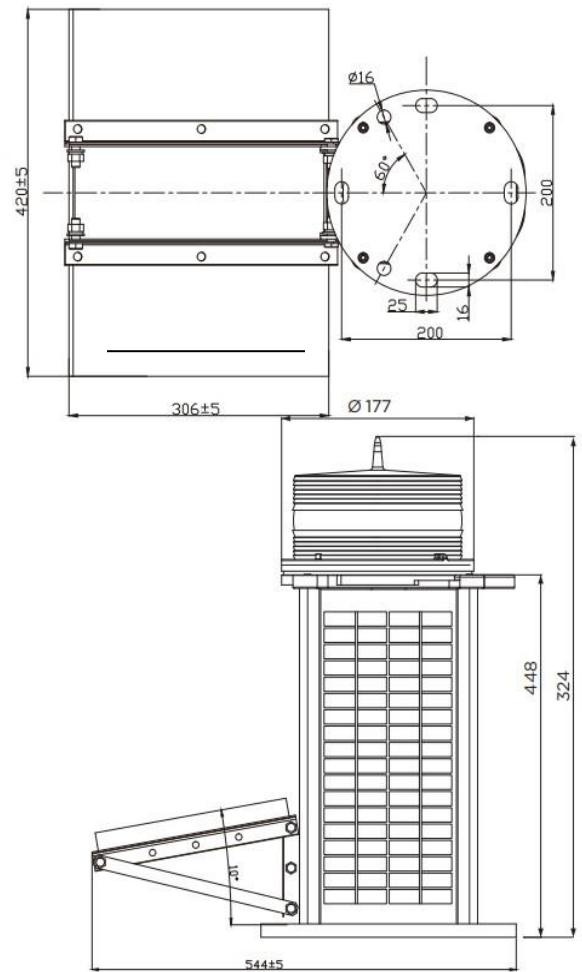
POWER SUPPLY

Power Source	Solar module, mono-crystalline silicon
Solar Efficiency	13.5%
Max. Power Out-put	20 Watts
Battery Type	High-efficiency NiMH rechargeable battery
Battery Capacity	16 AH / 12V
Battery Replacement	Yes, replaceable

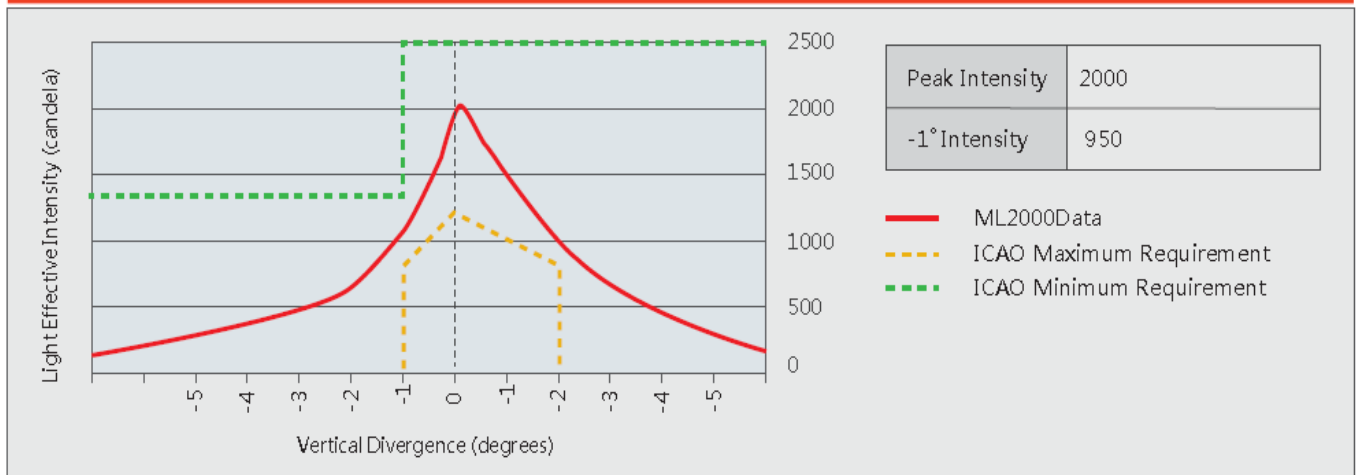
MECHANICAL STRUCTURE

Lens	Polycarbonate, UV Stabilized
Body	Die-casting Aluminum
Water-proof	IP 68
Weight	15 KG
Temperature Range	-40C°~ +55C°
Light Dimensions	296mm H, 235mm Diameter
Solar Module dimension	306mm*420mm
Warranty	5 years for light 2 years for VARA battery

Note: when the light is in storage, please put it outside to charge the battery every 3 months



ML2000SeriesPhotometricPerformance



Notice:

- When charge or Working need switch "ON" please make sure the switch is ON.
- Pay attention to the angle of the solar panel; Sun rays and solar panel 90 degrees as much as possible ;No shadow is allowed when Test, Make sure no one is standing in front of the solar panel during the measurement!
- Solar pannel connect right or not? Red: "+" ;Brack: "-".
- If continuous Rainy days more than 7 days the lights stop working, Battery protection mode will be entered!