

ML201A Solar Marine Navigation Light



Application

Ideal for hazard marking, aquaculture, navigation, perimeter lighting & a host of other applications.

Main Functions & Features

- Based on LED technology, and its color complies to IALA Recommendations E – 200 – 1.
- Integrated design, enabling a rugged and completely waterproof seal capable of prolonged and deep immersion (IP68).
- PC housing, UV resistance, shockproof and corrosion proof.
- With birds pike.
- 256 kinds of flashing rate are available, comply with IALA.
- Intensity can be adjusted from 25%, 50%, 75% and 100% of total intensity.
- With photocell, and manual switch.
- With Steel wire to prevent falling during mounting and adjusting.
- With built in NiMH battery, easy for replace.
- No RF – radiations, EMC Compliant.
- Extremely Reliable and cost saving.

Specification

Description	Parameter
Intensity	10cd
Visible Range	>2.5mm
Available colors	Red, amber, green, blue, white
Vertical degree	>9 °
Horizontal degree	360 °
Light source	LED
LED lifetime	≥100,000 hrs
Autonomy	>20 days (12hour darkness, 12.5% duty cycle)
On / off level	300 lux ± 100lux
Flashing frequency	Complies to IALA Recommendations, total 256 available flashing rate (available steady burning)
Solar module type	Multicrystalline
Output	1.8 Watts
Battery type	High grade NiMH – Environment friendly
Battery capacity	3.6V / 8 AH
Integrated housing	UV resistance PC
IP protection	IP68
Weight	1.7 KG
Ambient temperature	-30°C ~ +70°C
Size	H: 170mm, D: 228mm
Mounting dimension	Φ200 – 4XM6
Customized	External power or Infrared control

* IALA International Association of Lighthouse Authorities is a non-profit, non-governmental international technical association. Established in 1957, it gathers marine aids to navigation authorities, manufacturers and consultants from all parts of the world and offers them the opportunity to share their experiences and achievements.

* IP 68 is the highest level of connector waterproof standard.

