



COMPACT SOLAR MARINE LED LANTERN **(NE-2)**

Navaid Energy's Compact Solar Marine LED Lantern Model- NE-2 comes with a range of 2-3NM with 200mm Polycarbonate Lens for long term use, cost effective, maintenance free service, can be easily installed. Aluminum LM-6 is used for lantern body for Housing for use in sea and river. The Tri LED/Polycarbonate high efficiency lens from Navaid gives it better in its class illumination and accurate beam pattern. The NE-2 comes with an integrated Solar Module and Lithium Ion Battery bank to make it an easy to use and install light on any Buoy or Light beacon.



KEY FEATURES

- Based on LED-technology and its colors complies to IALA Recommendations E-200-1
- 120° x 8° beam spread
- Extremely reliable - long lifetime
- Very low power consumption
- Stabilized light output
- Rugged and robust Aluminum Alloy all weather body
- Easy to install and Maintenance friendly
- TRI LED PMMA Optics for LED for achieving highly accurate beam of light
- UV Stabilized polycarbonate clear Lens for narrow beam angle
- Cost effective
- Long life span
- Comes with Two (2) years warranty*
- Completely indigenous design require less lead time
- Applications- Marine Buoy Lantern and Break Water Lantern
- Integrated Mono crystalline Solar Module
- Controlled by NavAid Programmable Flasher (NPF-100) with 256 IALA recommended Flash

A) Electrical Parameters-

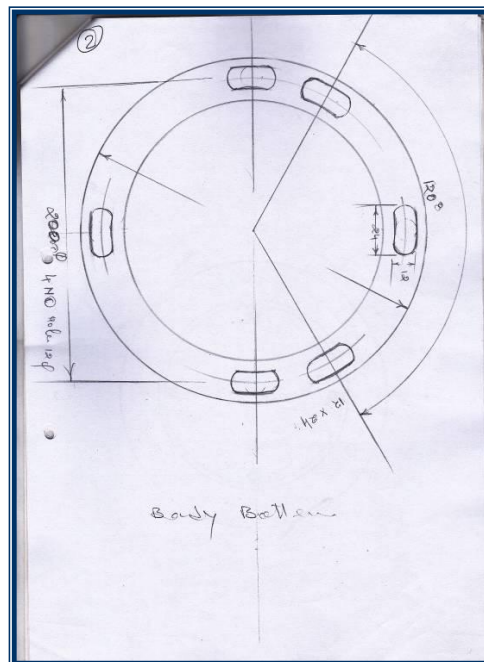
- 1) Operating Voltage- 3.7V DC
- 3) Lamp Source- High Power LED
- 4) Power- 1W Max
- 5) Solar Module- 3W Integrated Mono Crystalline
- 5) Operation- Flashing
- 6) LED Life- upto 100000Hours
- 7) Horizontal Divergence- 360°
- 8) Vertical Divergence- 8°
- 9) Sun Switch- Provided
- 10) Flasher- Programmable 256 Flash Character as per IALA Standard
- 11) Color- White/Red/Green/Amber
- 12) Connecting Cables- Provided
- 13) Remote Control- Optional

B) Mechanical Parameters-

- 1) Body- Aluminum Alloy Cast Body LM6 Marine Grade
- 2) Lens Type/Dome- UV Stabilized Polycarbonate
- 3) Gasket- Silicon based
- 4) Weight- 3.2Kg approx
- 5) Mounting- 4/3 x 200mm PCD with M 12
- 6) Cable Gland provided
- 7) IP66/67 Standard
- 8) Certifications- **CE-13035**
ISO9001 :2008
NSIC MSME
- 9) Warranty- 3years*

C) Photometric Parameters-

- 1) Range- 2-3NM @ T-0.74
- 2) Colour – White/Red/Green/Amber
- 3) Horizontal radiation pattern 120°
- 4) Vertical radiation pattern 8°



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