



## MARINE LED LANTERN (NE-7)

Navaid Energy's Marine LED Lantern Model- NE-7 is a Multi-Tier Lantern comes with a range of 8-10NM with 200mm Polycarbonate UV Stabilized Lens for long term use, cost effective, maintenance free service, can be easily installed. LM -6 is used for lantern body. The Tri LED Lens system gives it better in its class illumination and accurate beam of light. The NE-7 can be mounted on FRP/Aluminum (Non corrosive) stand with 4 Solar Panels or Directly at Buoys-



### **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 Three (3) years warranty
- Completely indigenous design require less lead time
- Applications- Marine Buoy Lantern and Break Water Lantern
- Controlled by NavAid Programmable Flasher (NPF-100) with 256 IALA recommended Flash

### A) Electrical Parameters-

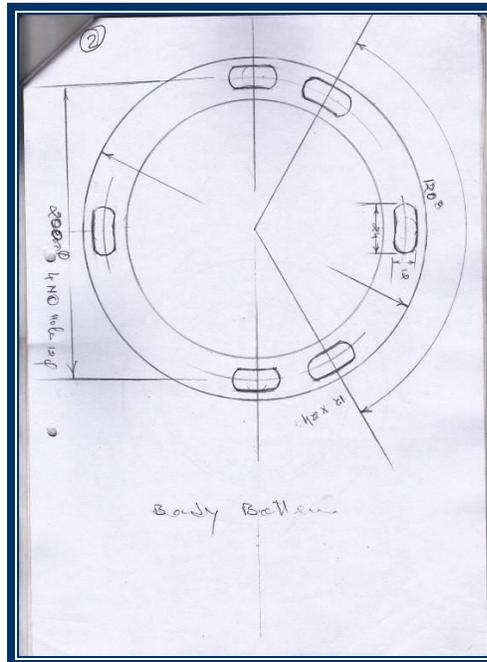
- 1) Operating Voltage- 12V DC
- 3) Lamp Source- High Power LED
- 4) Power- 12W to 16W
- 5) Operation- Flashing
- 6) LED Life- upto 100000Hours
- 7) Horizontal Divergence- 360°
- 8) Vertical Divergence- 8°
- 9) Sun Switch- Provided
- 10) Flasher- Programmable 256 Flash Character as per IALA Standard
- 11) Color- White/Red/Green/Amber
- 12) Connecting Cables- Provided

### 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- 6Kg 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- 8-10NM @ T-0.74
- 2) Colour – White/Red/Green/Amber
- 3) Horizontal radiation pattern 120°
- 4) Vertical radiation pattern 8°
- 5) Two Tier LED Configuration



## **NAVAID ENERGY PVT LTD**

G-59 SECTOR-6 NOIDA-201301 (UP)

Tele- +91-120-4321413

E-mail- [info@navaidenergy.com](mailto:info@navaidenergy.com) & [navigationalaid@yahoo.com](mailto:navigationalaid@yahoo.com)

Website- [www.navaidenergy.com](http://www.navaidenergy.com)