



MARINE LED LANTERN (NE-11A)

Navaid Energy's Marine LED Lantern Model- NE-11A is a Multi-Tier Lantern comes with a range of 21-23NM 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-11A 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
- 360° x 2° 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-

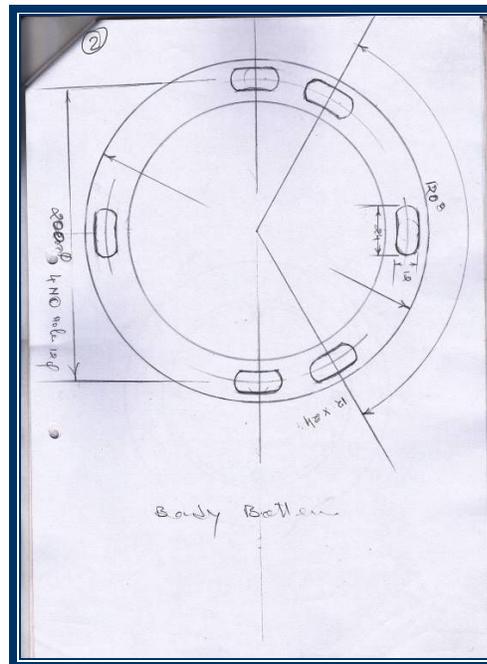
- 1) Operating Voltage- 12V/24V DC
- 3) Lamp Source- High Power LED
- 4) Power- 48W to 52W
- 5) Operation- Flashing
- 6) LED Life- upto 100000Hours
- 7) Horizontal Divergence- 360°
- 8) Vertical Divergence- 2°
- 9) Sun Switch- Provided
- 10) Flasher- Programmable 256 Flash Character as per IALA Standard
- 11) Color- White/Red/Green/Amber
- 12) Connecting Cables- Provided
- 13) GSM-GPS remote monitoring System- Optional
- 14) GPS Flash Synchronization- 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- 14Kg 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- 21-23NM @ T-0.74
- 2) Colour – White/Red/Green/Amber
- 3) Horizontal radiation pattern 360°
- 4) Vertical radiation pattern 2°
- 5) Four Tier LED Configuration



NAVAID ENERGY PVT LTD

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

Tele- +91-120-4321413

E-mail- info@navaidenergy.com & navigationalaid@yahoo.com

Website- www.navaidenergy.com