

# ***Bheemlipatnam Lighthouse***

## **VISAKHAPATNAM DIRECTORATE** **MASTER LEDGER**

1. **Name** : BHEEMINIPATNAM LIGHT HOUSE
2. **Sr.No.** : F 0978
3. **Position** : Lat : 17° 56'.30" N  
Long: 83° 27'24" E
4. **Elevation** : 10.97m above MSL
5. **Characteristic** : 3FL (W) every 15Seconds  
(FL 1+ EC 2+FL 1+EC 2+FL 1+EC8=15sec)
6. **Range in nautical miles**
  - i) Luminous : 15 M
  - ii) Geographical : 12 NM
7. **Lighthouse Tower**
  - i) Type : Circular Brick masonry Tower
  - ii) Height : 10.97 Mtr
  - iii) Colour Scheme : White day mark
8. **Optical Equipment**
  - a)
    - i) Make : M/s. Aero marine
    - ii) Model : SL-155
    - iii) Type : LED Light Beacon
    - iv) Commissioned on : 17-11-2018
    - v) Divergence
      - Main : Horizontal 3<sup>0</sup>, Vertical 3<sup>0</sup>
      - Standby : NIL
      - Emergency : NIL
    - vi) Duration of flash
      - Main : 0.38 seconds



b) **Pedestal** : Aluminium L-5754

e) **Illuminant**

i) Main/Service : 12V, 18 W LED Light (Sea lite make SL155)

f) **Effective Beam Intensity**

i) Main/Service : 9,000 cds.

9. **Lantern**

i) Diameter : 2.6Mtr

ii) Height of  
glazing : 1.1Mtr

iii) No. of panes : 6 Nos.

iv) Ventilators : 6 Nos.

10. **Energy Source**

A) APEPDCL  
Mains : Single Phase, 230Volts, 50Hz mains

B) Green Energy : 0.15KW off grid solar power plant for main light.

i) Solar panels : 2 No 12V/150W( Vikram make)

ii) Battery : 2No 12V/100AH (Exide Tubular)

11. No. of Standby Diesel  
Engine : Nil

12. Water Supply : GVMC Water supply is provided.

13. Communication  
Facility : AE(E) Dolphin Nose LH  
Telephone No.2973441 (STD Code 0891)  
e-mail : [dolphinsnose-vizag@dgll.nic.in](mailto:dolphinsnose-vizag@dgll.nic.in)

14. Year of  
Commissioned : 1868