



## ARUDHRA SOLAR LED LAMP

- for Mooring Buoys, Life hours upto 100,000 hrs
- Upto 2 NM (Nautical Mile) @ night
- Available color red,blue green,yellow,white
- Provision for safety equipments
- water tight impact max power 1.5 watts

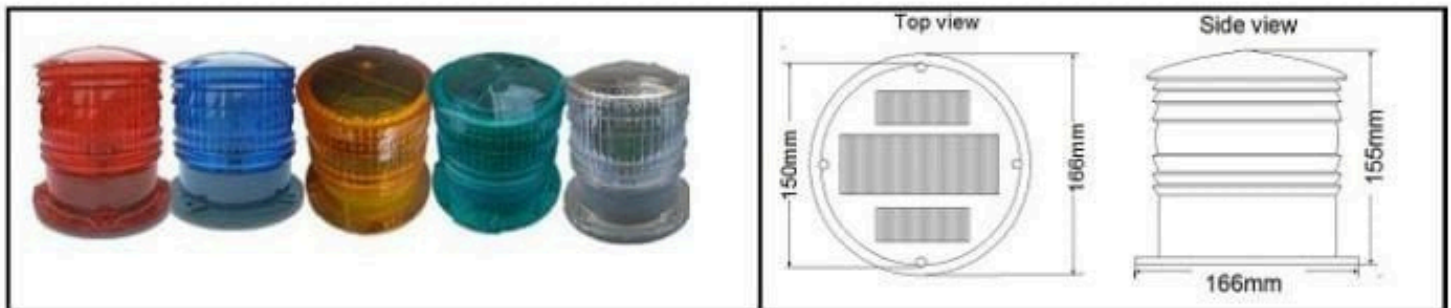
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Marine Applications		Specifications
<ol style="list-style-type: none"> <li>1. Marine floating signs; waterfront safety lighting;</li> <li>2. Mooring and researching buoys; small safety buoys</li> <li>3. Private docks, boat houses swim rafts and so on</li> <li>4. Sea ports warning</li> </ol>		<b>Light Output</b> Nominal Night Range :- 3.6Km Vertical Divergence :- $\pm 3.5^\circ$ at 50% intensity Horizontal Output :- $360^\circ$
Airfield Application	Marker Application	Operation
<ol style="list-style-type: none"> <li>1. Runways lighting;</li> <li>2. Runways edge lighting</li> <li>3. Helipad edge lighting</li> <li>4. Threshold lighting</li> </ol>	<ol style="list-style-type: none"> <li>1. Barricade markers</li> <li>2. Security markers</li> <li>3. Flag markers</li> <li>4. Emergency and portable lighting</li> </ol>	Minimum Autonomy :- 70 Hours Latitude Range :- $55^\circ\text{S}$ to $55^\circ\text{N}$ On/Off Level :- 60/100 Lux Lifespan of LEDs :- up to 100,000 Hours
<b>Features</b>		<b>Solar Panels</b>
<ol style="list-style-type: none"> <li>1. Available in Blue, Red Amber, White and Green.</li> <li>2. Can be ordered in steady-on or flash patterns</li> <li>3. Automatically turns on at dusk and off at dawn</li> <li>4. Completely self-contained and watertight. Designed to operate reliably in harshest of environmental and work conditions.</li> <li>5. Polycarbonate lens is virtually indestructible</li> <li>6. Will charge under nearly all weather conditions and up to 140 hours of operating capacity from a full charge</li> <li>7. Manufactured to ISO9001:2000 Standards</li> <li>9. Installation takes minutes and requires minimal technical expertise</li> </ol>		Type :- poly-crystalline Potted with UV-protected Polyurethane and doomed for higher efficiency Maximum Power :- 1.5 watts Efficiency :- 15%
		<b>Battery</b>
		Type :- Nickel-Hydrogen replaceable Capacity :- 5.0Ah
		<b>Construction</b>
		Lens Material :- Polycarbonate Sealing :- Self-contained unit, potted with polyurethane Weight :- 0.9kg
		<b>Environmental and Electrical</b>
		Temperature Range :- $-40^\circ\text{C}$ to $+60^\circ\text{C}$ Water Proof :- As per IP67
		Patent :- Pending