

# Solar Powered

## Medium Intensity Light

Medium Solar powered Obstruction Light system is powered by special battery from solar energy which give light at night operation, for lighting structures, like Electric Tower, High Rise Building, High Chimney marking towers (Telecom, GSM, Microwave & TV), High Pole, Tower Crane, Wind Turbine, etc.

### Application:

Solar powered Medium obstruction lighting system typically used on structures between 150' (45M) and 500' (150Mtr) above ground level to be marked (lighted) according to ICAO Regulations. The equipment has unique structure wherein the medium intensity light is powered by special battery from solar energy, and no need cable wires. The lamp is designed for installation on high rise buildings, towers, pillars, chimneys, wind generators, smokestacks, etc



### Key Feature:

- Lampshade of the light adopts PC with anti-UV which is high efficiency light transmission up to 90%, quite high impact resistance and fit the bad environment very well.
- Mild steel glass polycrystalline silicon solar panels, high energy efficiency lifetime more than 20 years.
- Standalone design with integrated photocell, power supply, flasher and monitoring.
- Based on the single chip computer micro power control, could control the charge and discharge precisely.
- Integrated automatic flash synchronization between lights.
- Low power consumption with high bright LED.
- Two years warranty.

**Compliant to:** ICAO Annex 14

### Technical Specification:

Operating Voltage	: DC12 V(Solar Powered)
Average Power Consumption	: ≤15 W (Night)
Flash Rate	: Flashing
LampLife	: 100,000 hours
Effective Intensity	: ≥2000cd at night
Light Source	: Red LED
Operating Temperature	: -55°C to + 55° C
Degree Of Protection	: IP 65
Day Night Switch	: Photocell with 50 Lux sensitivity
Beam Angle	: 360° Horizontal : 4° Vertical Spread

