

CM-15T Solar Power Type A Medium Intensity Aviation Obstruction Light

Application

Widely used in various fields of the Air Force, civilian airports and obstacle free airspace, helipads, iron tower, chimney, ports, wind power plants, bridge and city high-rise buildings where require aviation warning.

Usually used above 45m and less than 150m buildings, could use alone, also could use with Medium OBL type B and Low intensity OBL type B together.

Key Feature

(Low power consumption, easy installation, high brightness)

The UV-resistant PC material lampshade has a transparency of more than 95 %, strong impact resistance, and excellent adaptability to harsh environments.

SUS304 stainless steel box, aluminum alloy lamp holder, high structural strength, outdoor protective powder sprayed on the surface, UV resistance and corrosion resistance.

The solar battery is maintenance-free, has high reliability, and has a life span of more than 3 years

The micro-power intelligent control system is adopted to accurately manage the power supply, and the low power consumption saves more power

Low-carbon tempered glass polycrystalline silicon solar panels have high energy efficiency (>18%) and a life span of more than 20 years.

Slope solar panels can make full use of light energy.

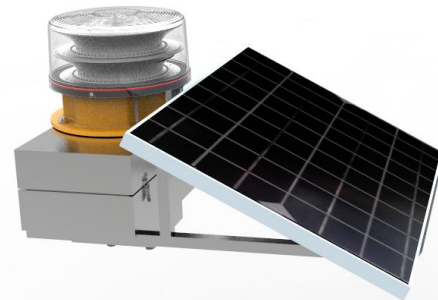
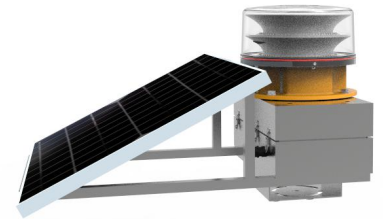
Efficient LED light source, long life (over 100,000 hours), low power consumption and high brightness.

Adopt a light-sensitive probe that conforms to the spectral curve of natural light to accurately control the automatic switching of lamps.

The built-in anti-surge device makes the circuit work more reliable.

Integral structure, protection grade reaches IP65.

The lamp has GPS timing function.



Main photo

Structure chart

Parameter

Item	Parameter
Standard	FAA , ICAO Standard
Operating voltage	DC48V Solar power
Power consumption	≤20W
Flashing frequency	20~40times/min
Light source	White LED
Light intensity	2000~20000cd(±25%)
Lifespan	>100,000hours
Emitting color	White
Beam angle	360° horizontal beam angle ≥3° vertical beam spread
Method of synchronization	GPS
Overall size(mm)	1070*1000*490mm
Ingress protection	Ip65
Lightning protection level	10KA
Light controlled sensitivity	100Lux
Operating temperature	-40°C ~ 55°C
Net weight	53kg
Wind load	80m/sec.

