

CK-13T

Solar Power Type AB Medium Intensity Aviation Obstruction Light

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Application

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

Key Feature

- 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

Parameter

Item	Parameter
Standard	FAA , ICAO Standard
Model	CK-13T
Operating voltage	DC48V
Power consumption	≤20W
Flashing frequency	20 ~ 40times/min(as requird)
Light source	White/ Red LED
Peak light intensity	>20000cd(White)/2000(Red)
Lifespan	> 100,000hours
Emitting color	White/Red
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	15KA
Light controlled sensitivity	50Lux
Operating temperature	-40℃ ~ 55℃
Net weight	53kg
Wind load	80m/sec.

Structure chart

