

CM-13 Medium Intensity Aviation Obstruction Light type B

Application

Widely used in various fields of the Air Force, civilian airports and obstacle free airspace, helipads, high structures, telecommunication towers, heliport, electrical transmission lines or towers, chimneys, ports, wind turbines, bridge and city high-rise buildings where there are more visible to passing aircraft.

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

Key Feature

(Low power consumption, easy installation, high brightness, small volume)

- Cover of the light adopts PC with anti-UV which is high efficiency light transmission up to 90%, quite high impact resistance and fits the bad environment very well.
- House of the light is made of aluminum alloy and painted by spraying plastic, the structure is high strength, resistance to corrosion.
- Use the special optical reflector design, the visual range further, the angle more accurately, no light pollution.
- Light source adopts import high quality LED, lifespan up to 100,000 hours, low power consumption, energy efficiency and environmental protection.
- Based on the single chip computer control, automatic identification sync signal, do not distinguish the main light and auxiliary light, and also could be controlled by the controller.
- Same power supply voltage with synchronous signal, integrate in power supply cable, eliminate the damage by error installation caused.
- Used the photosensitive probe fit for the natural light spectrum curve, automatic control light intensity level.
- The circuit of the light has surge protection, so that the light is suitable for a harsh environment.
- Integral structure, protection level of IP65.
- GPS synchronizing function is available.



Main photo



Bottom



Top

Parameter

Structure chart

Item	Parameter
Standard	FAA/ICAO Standard
Model	CM-13
Operating voltage	AC220V/DC12V/DC24V(Other available)
Power consumption	≤8W
Flashing frequency	20 ~ 60times/min
Light source	Red LED
Light intensity	2000cd(±25%)
Lifespan	> 100,000hours
Emitting color	Red
Beam angle	360° horizontal beam angle ≥3° vertical beam spread
Method of synchronization	GPS
Overall size(mm)	Φ210mm×140mm
Installation size(mm)	126mm×126 mm -4×M10
Ingress protection	Ip65
Lightning protection level	10KA
Background Luminance	<50cd/m²
Operating temperature	-40℃ ~ 55℃
Net weight	2.1kg
Wind load	240km/h

