

# CK-16 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.

## Key Feature

- Lamp shade of light adopts PC with anti-UV which is high efficiency light transmission up to 95%, quite high impact resistance and fits the bad environment very well.
- House of the light is made of aluminum alloy and painted by spraying plastics, the structure is high strength, resistance to corrosion;
- Using parabolic reflector optical design, range further;
- Light source adopts high quality LED, low power consumption, long lifespan, high brightness;
- 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 whose lightning proof ability is In 7.5KA/5times, I<sub>max</sub> 15KA so that the light is suitable for a harsh environment;
- Integral structure, protection level of IP65;
- Ignitability rate UL-94V0, fit for all kinds of industrial situation;



Main photo



Bottom



Top

## Parameter

## Structure chart

Item	Parameter
Standard	FAA/ICAO Standard
Model	CK-16
Operating voltage	AC220V/DC12V/DC24V (Other available)
Power consumption	≤8W
Flashing frequency	20~60times/min
Light source	Red LED
Peak light intensity	>2000cd
Lifespan	>100,000hours
Emitting color	Red
Beam angle	360° horizontal beam angle ≥3° vertical beam spread
Method of synchronization	Same power supply voltage signal mode
Overall size(mm)	Φ210mm×140mm
Installation size(mm)	126mm×126mm -4×Φ11
Ingress protection	Ip65
Lightning protection level	15KA
Background Luminance	<50 cd/m <sup>2</sup>
Operating temperature	-40°C ~ 55°C
Net weight	2.1kg
Wind load	240km/h

