

CK-15-S Dual 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 90%, quite high impact resistance and fits the bad environment very well.
- House of the light is made of aluminum alloy and steel, painted by spraying plastic, the structure is high strength, resistance to corrosion.
- Using Parabolic reflector optical design, range further.
- Light source adopts LED with long lifespan, lower power consumption and high efficiency.
- Based on the single chip computer control, automatic identification synchronization 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/5 times, I_{max} 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, GPS synchronizing function



Parameter

Item	Parameter
Standard	FAA/ICAO Standard
Model	CK-15-S
Operation input	AC220V /DC12V/DC24V(Other available)
Power consumption	<8W
Flashing frequency	20~60 times/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)	470 mm× 210 mmx 301 mm
Installation size(mm)	150mm×150mm-4*Φ10
Ingress protection	IP65
Lightning protection level	10KA
Background Luminance	< 50cd/m ²
Operating temperature	-40°C ~ 55°C
Net weight	7kg
Wind load	240km/h

Structure chart

