

CK-11L Low Intensity Aviation Obstruction Light type B

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 below 45m.

Key Feature

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

- Lamp shade of the light adopts PC with anti-UV which is high efficiency light transmission up to 90%, quite high impact resistance and fits the harsh 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 life-span ,lower power consumption and high efficiency.
- Based on the single chip computer control , automatic identification syncsignal ,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.
- Synchronizing function is available.



Main photo



Bottom



Top

Parameter

Item	Parameter
Standard	FAA , ICAO Standard
Operating voltage	AC220V (Other available)
Power consumption	≤5W
Flashing frequency	Steady burning
Light source	Red LED
Light intensity	≥32cd
Lifespan	> 100,000hours
Emitting color	Red
Beam angle	360° horizontal beam angle ≥10° vertical beam spread
Method of synchronization	Steady burning
Overall size(mm)	Φ150mm×230mm
Installation size(mm)	Φ125mm -4×M10
Ingress protection	Ip65
Lightning protection level	10KA
Light controlled sensitivity	100Lux
Operating temperature	-40°C ~ 55°C
Net weight	1.5kg
Wind load	80m/sec.

Structure chart

