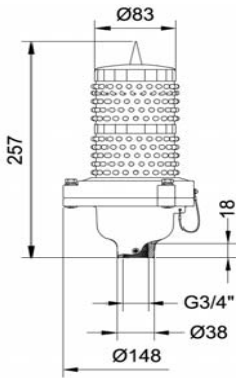


CE Patent NO.2009 2 0068564.3



Mounting dimension ( unit : mm )



Applications



**Applications**

Obstruction light for a wide variety of cranes used in Harbors, Metallurgies, Towers (Telecom, GSM), Smokestacks, Buildings and any other potentially hazardous obstructions to air traffic with a steady burning red safety light.

**Main functions and features**

- Based on LED technology, low power consumption, and high efficiency.
- Sealed construction, can withstand the harsh effects of the environment.
- Die casting aluminum enclosure with powder-coat paint finishes, providing corrosion resistance and durability.
- Extremely Reliable — Major Maintenance Cost Saving.
- G3/4" pipe is available, ease of mount.
- EMC Compliance, No RF Radiation, built in LED protective circuit to extend the led life.
- Self-contained compartment, with stainless steel wire which is used to secure the unit against falling in operation, and ease of mount.
- Lamp housing –Polycarbonate, with good anti-impact strength, thermal stability, high transmittance.
- Built-in photocell can switch ON/OFF the light at dawn and dusk (optional).
- Steady burning or flashing type (no need external controller).

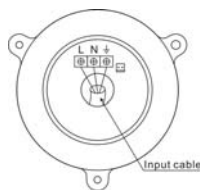
**Specifications**

Standard	Compliant to the ICAO (Aerodromes Annex 14) and FAA L-810	Vertical degree:	≥10°
Light source	LED	Horizontal degree:	360°
LED color	Red, yellow, green, blue or white	Flashing rate	30 times/min
Operating voltage:	AC110V~AC240V/DC12V/DC24V/D C48V (optional)	LED life	≥100,000h
Power consumption:	12W	On/off level	50Lux
Working mode	Steady burning or flashing mode	Intensity	> 45cd
Operating temperature	-30°C ~ +70°C	IP Protection	IP65
Relative humidity	10% ~ 95% (no condensing )	Weight	1.8kg
Material	Base: Die casting aluminum, housing: PC		

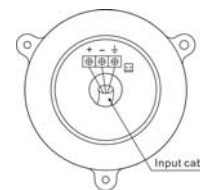
**Installation and operation**

- Check whether the supply voltage does comply with the rated voltage of the lamp (Pay attention to the polarity in case of DC voltage).
- Insert the power cable through the bottom of lamp holder, and connect them to the terminals in the base respectively, and connect earth wire to grounding terminals.
- The 3 terminals near the wiring hole is steady burning and flashing mode switching pin, the factory default setting is steady burning, if requires flashing mode, set the switching pin to the right terminal according to the following figure.
- Tighten the screws between lamp housing and base.
- Screw the lamp on the G3/4" ( G1" ) threaded pipe, which should be fixed on a smooth surface with enough mechanical strength. Or you can select our mounting bracket: PJ005 and PJ024.
- Verify whether the power cables are well connected before power on.

**Wiring diagram**



Wiring diagram for DC power



Wiring diagram for AC power