

CS-810/S Low-intensity Solar Powered Aviation Obstruction Light



Application

CS-810/S Low-intensity Solar Powered Aviation Obstruction Light can be provided with power supply without power transmission cables by solar power, so it is suitable for those locations, Electric Tower, High-rise Building, High Chimney, marking towers (Telecom, GSM, Microwave & TV), High Pole, Tower Crane, Wind Turbine, etc especially which are hard to lay the cable or lack of power supply as well as those facilities which have high requirements on lightning protection.

Advantage

1. International advanced solar panel reaching at least 10 years service life.
2. Comprehensive protection in voltage short, over-voltage, floating Charge and temperature.
3. Strong corrosion resistance, Rain and Snow, Shock and Vibrations protection and UV protection.
4. International-advanced cold LED with low power consumption, high brightness and

service life of light source reaching 100000hours.

5. Clean, renewable, green and reliable energy source

6.Dusk-to-dawn operation: Built-in photocell inside light can let light work at night and close during the day automatically.

7. At least 5 days autonomy.

8. Recyclable batteries with the lightest environmental.

9. Small volume especially being suitable for Telecom Tower and Electric installation way.

Main Parameter

1.Mode:CS-810/S

2.Standard:ICAO (Aerodromes Annex 14) Low-intensity, FAA L-810

3.Light intensity: Steady-burning or Flashing mode

4.Nominal Night Range:3 to 4 Km

5.Working mode: Steady-burning mode or Flash mode (20 FPM Default,20-60times/minute)

6.On & OFF Level:70/100Lux

7.Light source: LED,100,000hours service life

8.Operating voltage: DC12V (Solar powered Way), recyclable batteries with the lightest environmental and long life.

9.Battery:

-Lead Acid Battery

-Capacity:12V,5Ah

-Battery Replace: Yes

10.Power Source (Solar Module):

-Mono-crystalline silicon

--Solar Efficiency:14 %

11. Material:

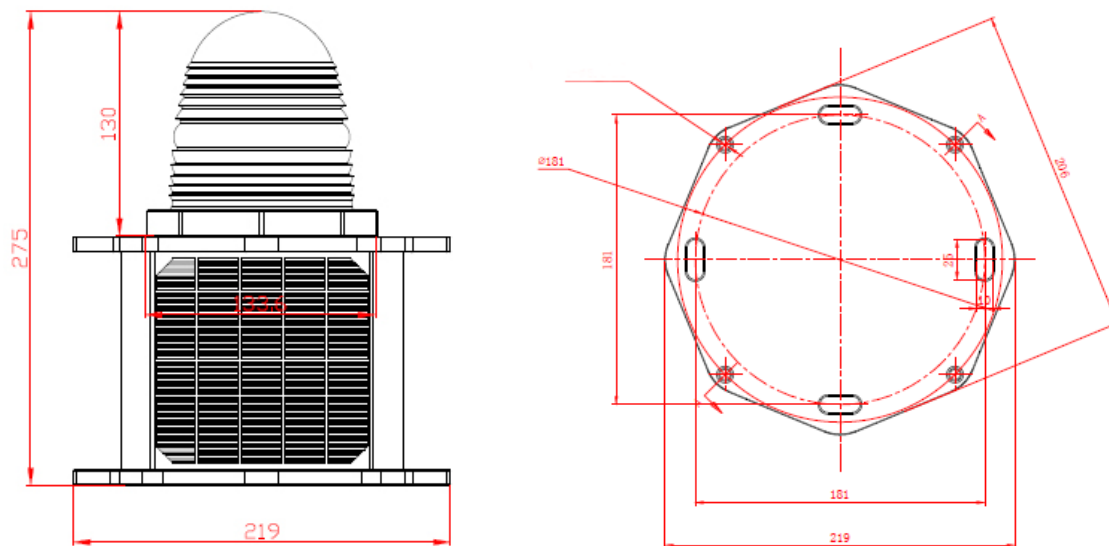
-Housing: PC

-Base: die casting aluminum

12.Autonomy: 5days

- 13. Power Consumption: 3W
- 14. Overall Size(mm): 219 x 206 x 275
- 15. Installation Size(mm): 181 x 181 x 10
- 16. Weight: 4Kg
- 17. Emitting Color: Red
- 18. Ambient Temperature: -40°C~+55°C
- 19. Wind load: 80m/s
- 20. Protection Standard: IP65

Dimension Drawing



Unit: mm

Application



