

CS-810/T Low-intensity Double Solar Aviation Obstruction Light



Application

CS-810/T Low-intensity Double 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-year service life.
2. Comprehensive protection in voltage short, over-voltage, floating charge, and temperature.
3. Built-in Solar Panel.
4. Strong corrosion resistance, rain and snow, shock and vibrations protection and UV protection.
5. International-advanced cold LED with low power consumption, high brightness and service life of light source reaching 100000hours.
6. Clean, renewable, green and reliable energy source

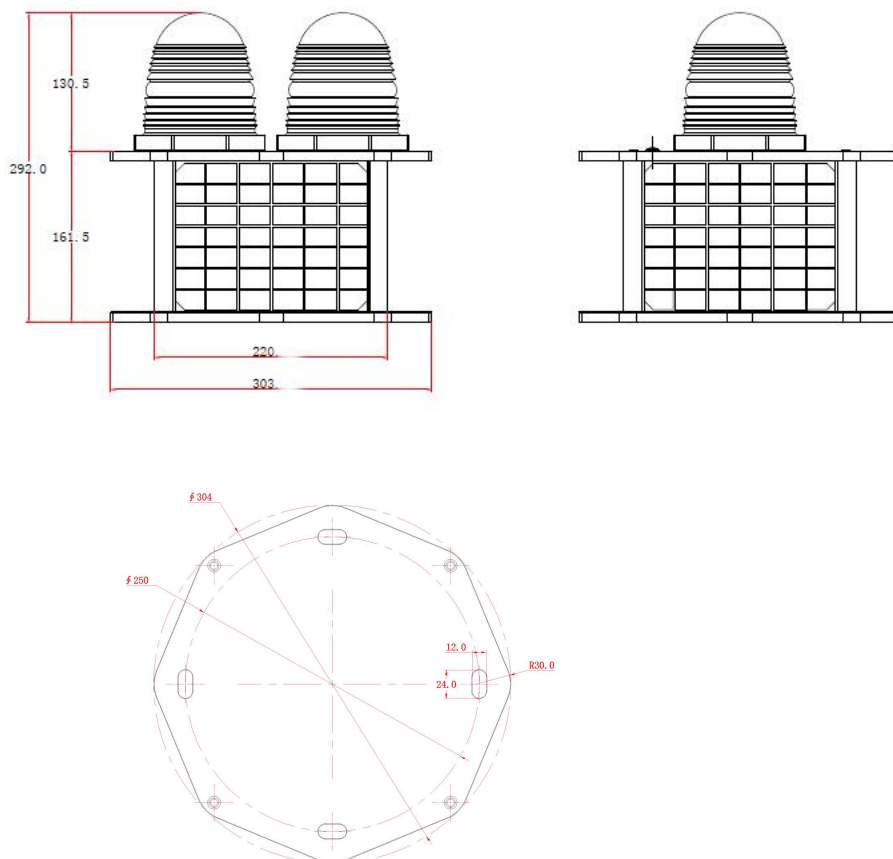
7. Dusk-to-dawn operation: Built-in photocell inside light can let light work at night and close during the day automatically.
8. At least 5 days autonomy (optional 20days).
9. Recyclable batteries with the lightest environmental.
10. Small volume especially being suitable for Telecom Tower and Electric installation way.

Main Parameter

1. Mode: CS-810/T
2. Standard: ICAO (Aerodromes Annex 14) Low-intensity Type B, FAA L-810,
3. Light intensity: $\geq 32.5\text{cd}$
4. Working mode: steady-burning mode or flash mode(20-60times/minute)
5. Light source: LED, 100,000hours service life
6. Operating voltage: DC12V(Solar powered), recyclable batteries with the lightest environmental and long life.
7. On & Off Level: 70/100Lux
8. Material:
 - Housing: PC
 - Base: die casting aluminum
9. Autonomy (without sunlight): at least 5 days
10. Battery:
 - Lead acid battery
 - Capacity: 12V,12Ah
 - Battery replacement: yes
11. Power source (solar module):
 - Mono-crystalline silicon
 - Solar Efficiency: 14%
12. Working mode of two lights:
 - A. Two lights working at the same time
 - B. One duty, the other standby. When the main one fails, the standby one carries on to work automatically.

- 13. Horizontal beam: 360°
- Vertical beam: 10°
- 14. Power consumption: 3W
- 15. Overall size(mm): 303 by 220 by 292
- 16. Installation size: Ø177 by M10 by 4
- 17. Weight: 8.9Kg
- 18. Emitting color: red
- 19. Ambient temperature: -40°C ~ +55°C
- 20. Wind load: 80m/s
- 21. Protection standard: IP65

Dimension Drawing



Unit: mm

Application

