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## CS-810 Low-intensity Single Aviation Obstruction Light



### **Application**

Obstruction light used in Tower Crane, Wind Turbine, High Mast, Metallurgies, Towers(Telecom, GSM, Electric), Smokestacks, High-rise Buildings and any other potentially hazardous obstructions within 45 meters to air traffic with a steady burning red safety light.

### **Advantages**

- 1.PC material with good impact protection strength, thermal stability, high transmittance.
- 2.Bird spike against bird drop.
- 3.International-advanced cold LED with low power consumption, high brightness and service life of light source reaching 100,000hours.
- 4.LED based on obstruction light last 15 times longer than traditional light

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source, incandescent light.

5.About 96% less power than 116W incandescent light.

6.Major maintenance cost saving, Surge protection device inside light.

7.Strong corrosion resistance, Shock and Vibrations protection and UV protection.

8.Dawn to Dusk operating: Built-in photocell can let light work automatically at night, closed during the day.

9.3/4inch or 1inch installation size and small volume especially being suitable for telecom and flag-pole installation way.

10.There is one switch converting between Flashing mode and Steady-burning mode.

### **Function**

1.There is one switch converting between Flashing mode and Steady-burning mode on PCB.

2.There is DIP switch which adjust flashing rate on PCB.Adjustable flashing rate is 20times/min,30times/min,40times/min,50times/min and 60times/min.

### **Main Parameter**

1.Mode: CS-810

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

3.Light intensity:  $\geq 10\text{cd}$ (Type A)

4.Flash rate: Steady-burning mode or Flashing mode (20-60times/minute)

5.Light source: LED

6.Service life of LED:  $\geq 100,000$ hours

7.Operating voltage: AC110V to AC240V

8.Power consumption: 1W

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9.Overall size(mm): 130 by 130 by 249

10.Installation size: 78 by 78 by 9

11.Vertical degree:  $\geq 10^\circ$

12.Horizontal degree:  $360^\circ$

13.Material:

-Housing: PC

-Base: die casting aluminum

14.Weight:1Kg

15.Emitting color: Aviation red

16.Ambient temperature:  $-40^\circ\text{C}\sim+70^\circ\text{C}$

17.Wind load: 80m/s

18.Protection standard: IP65

Dimension Drawing

