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

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: ≥10cd(Type A)

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

5.Light source: LED

6.Service life of LED: ≥100,000hours

7.Operating voltage: AC110V to AC240V

8.Power consumption: 1W

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

10.Installation size: 78 by 78 by 9

11.Vertical degree: ≥10°

12.Horizontal degree: 360°

13.Material:

-Housing: PC

-Base: die casting aluminum

14.Weight:1Kg

15.Emitting color: Aviation red

16.Ambient temperature: -40℃~+70℃

17.Wind load: 80m/s

18.Protection standard: IP65

Dimension Drawing