

LS810

Low intensity aviation obstruction light



SHBST2012032401YEC-1



Products description and application

Applying to tower(power transportation, telecom, GSM), smokestacks (power plant, coking plant, chemical plant), high buildings, bridge, harbor machinery, construction machinery, wind turbine etc for aircraft warning. Apply for the Obstacles lower than 45m.

Features

- o Based on LED technology, low power consumption, and high efficiency.
- o Lamp housing – Polycarbonate, with good anti-impact strength, thermal stability, high transmittance.
- o Die casting aluminum enclosure with powder-coat paint finishes, providing corrosion resistance and durability.
- o G3/4" pipe is available, ease of mount.
- o EMC Compliance, No RF Radiation.

General Specifications

Standard	CAAC	MH/T6012-2015	Aviation obstruction light
	ICAO	ICAO Annex 14 Volume I, 8th Edition	Airport Design and Operation

Electrical parameters		Mechanical structural parameters	
Operating voltage	DC48V	Operating temperature	Ta-40 °C ~ +60 °C
Power consumption	Steady burning 3.8W 20FPM 1.1W 30FPM 1.4W 40FPM 1.9W 60FPM 2.7W	Storage temperature	Ta-40 °C ~ +85 °C
Surges.	EN61000-4-5	Operating Humidity	0%~95%RH
Signal ports	Line-to-ground ± 2 [kV] in 42[Ω] 1,2/50[μs], 8/20 [μs] (Tr/Th)	Weight	0.3 kg
Electrostatic discharge immunity test.	EN 61000-4-2 Air discharge±8 [kV] Contact discharge±4 [kV]	IP Rate	IP66
Enclosure			
Optical parameters			
Intensity	32.5cd		
Vertical degree	≥10°		
Color	Red		
Horizontal degree	360°		
工作状态	Steady burning (可通过 FR104 控制器调节闪烁频率 20FPM、30FPM、40FPM、60FPM)		

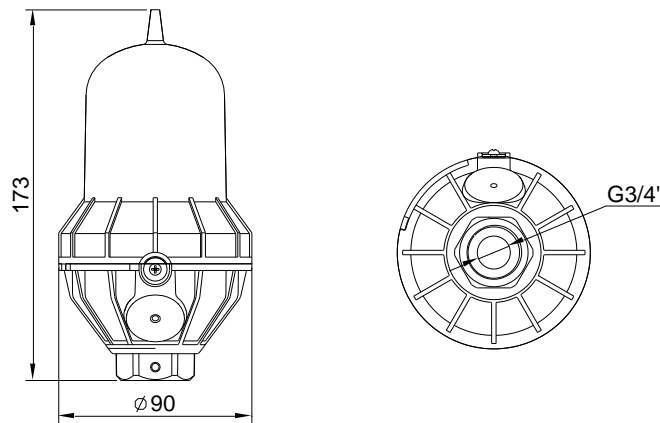
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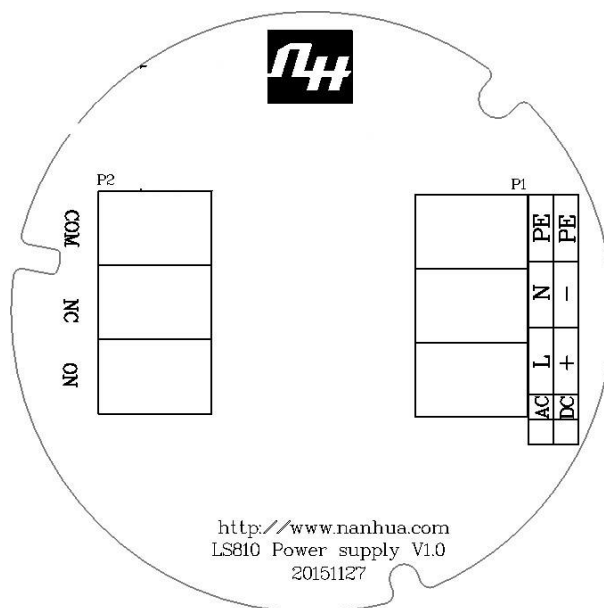


Mounting dimensions

Unit : mm



Wiring diagram



Notes

- The part of material of products is PC(like lamp cover and lamp shell), so it cannot direct or indirect touch the organic solvent, such as industrial alcohol, banana oil, isotropic alcohol, carbon tetra chloride, cyclohexanone and so on, otherwise, the product will be corrosion.
- Please do not be tampered with by anyone other than registered installer. Once found, we are not warranty.
- Temperature rise when light working is normal phenomenon.

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