



LS810DB-ED3R

Dual Low Intensity Obstruction Light, Type B



Products description and application

LS810D series is a low-intensity obstruction light, designed to mark tall structures that ensures aviation safety. It is typically used on structures below 45 meters above ground level, such as telecommunication towers, chimneys, high-rise buildings, bridges, port machinery, large engineering machinery, and wind turbines.

Features

- Die-cast aluminum alloy housing, with the yellow electrostatic powder-coated surface, vibration resistance, corrosion resistance.
- Red appearance.
- Use UV resistant, shock resistant PC lampshade.
- Compliant to ICAO (Annex No. 14) Low intensity standard.
- Based on LED technology, low power consumption, and high efficiency.
- Two lights work separately(The controller achieves main-standby light switch automatically).
- G3/4" pipe thread mount, easy Installation.
- Without photocell.

General Specifications

Operative standard	CAAC ICAO	MH6012-2015 ICAO Annex 14 Volume I 8th	Aviation obstruction light Airport design and operation
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Electrical

Operating voltage	48VDC
Power consumption	8W Max
Surge	IEC61000-4-5 L- L 6kV IEC61000-4-5 L- G 6kV
ESD	IEC61000-4-2 Contact discharge 8kV Air discharge 15kV

Mechanical

Operation temperature	-40°C ~ +55°C
Operation humidity	10%~95%RH
Storage temperature	-40°C ~ +70°C
IP rate	IP65
Weight	2.3kg

Optical

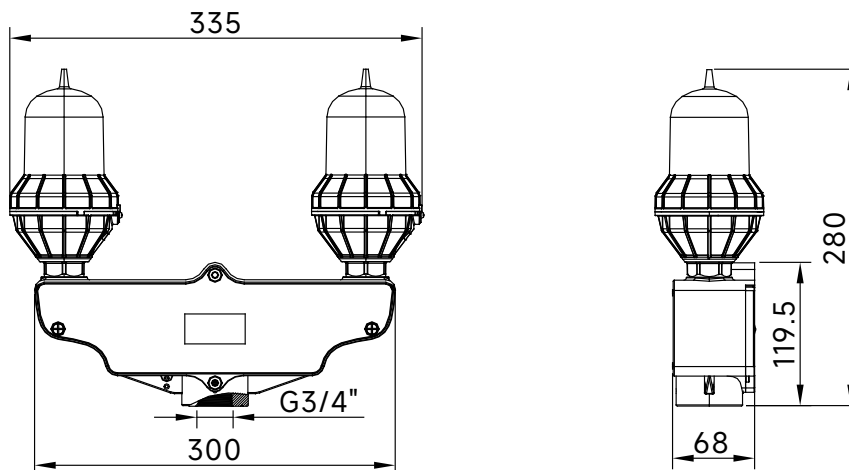
Effective intensity	32.5cd
Vertical beam spread	≥10°
Color	red
Horizontal beam spread	360°
Working state	Steady burning/Two lights working separately

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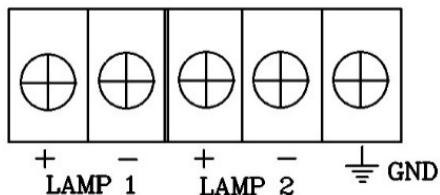
Mounting dimensions

Unit:mm



Installation and Operation

- Check that the power supply and the light's rated voltage match.
- Use G3/4" pipe threads to secure the light holder to a strong enough bracket(Note: Keep the lamp holder vertical to the bracket). NANHUA specialized mounting brackets available: PJ005 and PJ024.
- Open the junction box cover and connect power cables to appropriate terminal block connectors following the markings, paying attention to power polarity.



- After inspection, power on the light for operation.

Precautions

- The product adopts PC material parts and cannot be directly or indirectly contacted with organic solvents such as industrial alcohol, banana water, isopropanol, carbon tetrachloride or cyclohexanone, otherwise it will be cracked by corrosion.
- For non-professional maintenance personnel, don't open any parts of the lamp when it is working to avoid any danger.
- This product will have a slight temperature rise when it is working, which is normal.

Thank you for using our products, NANHUA as a signal transmission and high quality industrial lighting professional brand , Deeply trusted and loved by users in different industries around the world.

Please be sure to use this product correctly on the basis of reading and understanding the instructions. Incorrect installation and use may cause fire, electric shock,etc. Due to product improvements, changes in specifications and