

JW-SAL-005 Spec & Installation Guide

1.Scope

This specification covers the detailed specifications and performance of the following products.

2.Specification

2.1 Features

- 2.1.1 Rugged construction for harsh environments
- 2.1.2 High visibility in day and night conditions
- 2.1.3 Light control: Automatically activates at night and deactivates during daylight
- 2.1.4 Operation modes: Standard flashing / Sequential flashing (customizable) / Synchronized flashing (customizable)
- 2.1.5 Customizable single-sided/double-sided solar-powered versions available upon request

2.2 Technical Specifications

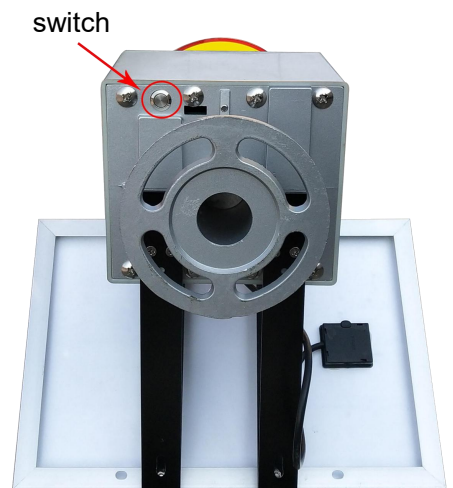
- 2.2.1 Product Material: PC housing, aluminum base
- 2.2.2 Overall Height: 470mm
- 2.2.3 Product Weight: 7.3±0.01kg
- 2.2.4 Lens Color: Red (customizable)
- 2.2.5 Waterproof Rating: IP64
- 2.2.6 Flashing Modes: Standard Flashing / Sequential Flashing (Customizable) / Synchronized Flashing (Customizable)
- 2.2.7 Operating Temperature Range: -20~+60°C
- 2.2.8 Function: Light-activated, automatically turns on at night and off during daytime.
- 2.2.9 Mounting: Secured with φ12mm screws.

2.3 Light Parameters

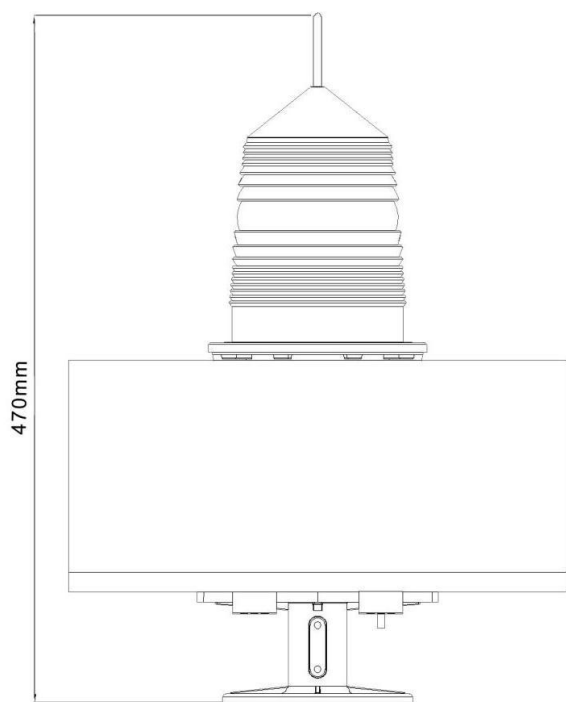
- 2.3.1 LED Quantity: 60 pieces
- 2.3.2 LED Wavelength: 520-525nm
- 2.3.3 LED Brightness (per piece): 25000mcd
- 2.3.4 LED Type: φ5mm
- 2.3.5 LED Color: Red (Customizable)
- 2.3.6 Flashing Frequency: 30 times/minute (Customizable)
- 2.3.7 Service Life: 100,000 hours

2.4 Electrical Parameters

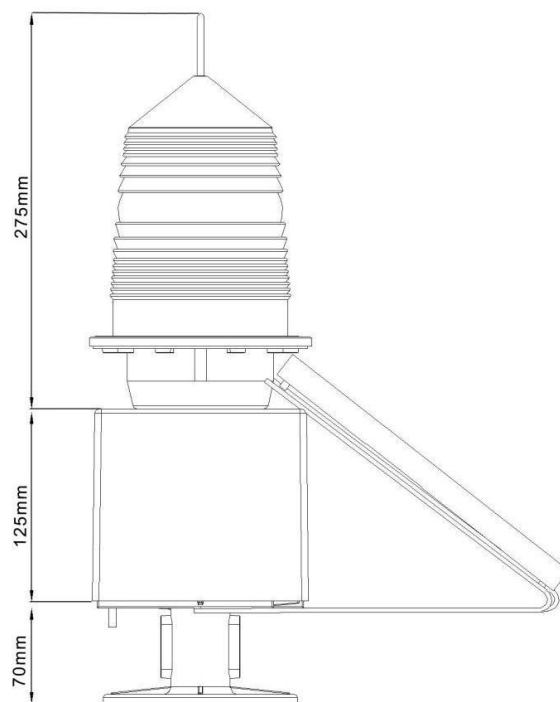
- 2.4.1 Power Supply Method: 18V 10W solar panel / 18V 20W solar panel (optional)
- 2.4.2 Battery: 12V 12AH
- 2.4.3 Maximum Power Consumption: <5W
- 2.4.4 Operating Current: 390mA
- 2.4.5 Battery Life: Continuous operation for 7*24 hours after a full charge



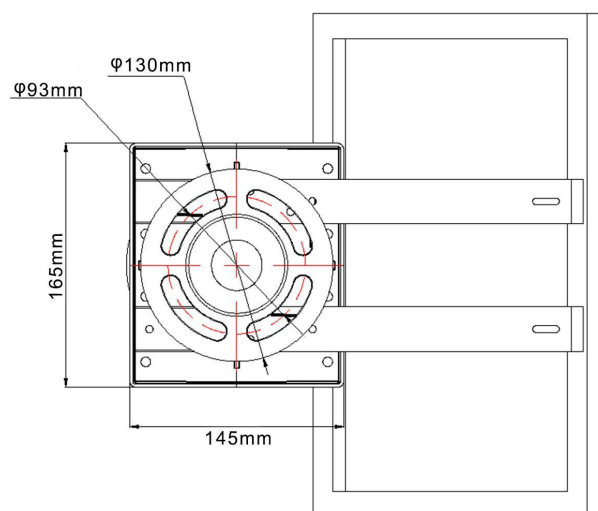
Product Manual



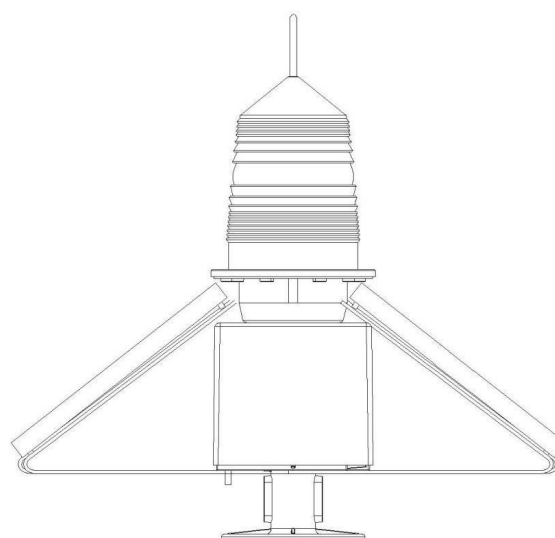
Front View



Side View



Bottom



Double Solar Panel Version

3.Installation

3.1Metal stands and supports(optional)



3.2 Installation methods

3.2.1 Select the installation location and drill holes to secure the expansion bolts.



3.2.2 Secure the bracket to the mounting holes using expansion bolts.



Stand 1



Stand 2

3.2.3 Fix aviation obstruction light on stand by screws.



4. After-sales service

Reminder: Store in a cool, dry place. If stored long-term in a warehouse, it is recommended to charge and discharge the battery every three months.