

# AH-HI-A1

LED High-intensity Type A  
L856 Aviation Obstruction  
Light





# LED High-intensity Type A Aviation Obstruction Light AH-HI-A1

This LED High-intensity Type A Aviation Obstruction Light flashing white color 24 hours and designed for marking top of obstacle that exceed 150 meters in height. Ultra high intensity CREE LED is used for the light source ensure light's long life experience and good performance. Self-designed reflection board ensure less LED could emitting brighter light.

## Compliance


- ICAO Annex 14 Volume 1, Sixth edition, 2013, table 6.3 High Intensity Type A Obstruction Light

## Features

### Electrical

- CREE ultra high intensity LED as light source saving power
- Power supply available in DC(48V) or AC(110V-240V)

### Physical

- Unique design and UV protected polycarbonate lens for converging light and saving LED power
- UV protection Powder coated bright yellow color base make better visibility
- Base material is powder coated die-casting aluminum which has strong corrosion resistance, Shock and Vibrations protection
-  Special valve installed under the base to make sure the air could go through but water is avoid, so that the whole light temperature won't be high to destroy the light

### System design

- Built-in photocell for day/twilight/night operation
- Surge and lightning protection

### Optional

- Alarm contact for remote monitoring
- Infrared LED for pilot using NVG
- GPS synchronization

## Application

- AH-HI-A1 High-intensity light is used on the top of the High-rise Building, High Chimney, marking towers (Telecom, GSM, Microwave & TV), High Pole, Tower Crane, Wind Turbine, etc when the obstacle height is more than 150meter, and most time work with low intensity lights & medium intensity light installed on the lower place.



## APPLICATION



# AH-HI-AB

LED High-intensity Type A&B  
Aviation Obstruction Light -  
360°





## APPLICATION



# LED High-intensity Type A&B Aviation Obstruction Light (360 Degree) AH-HI-AB

This High-intensity Aviation Obstruction Light flashing white and red color 24 hours and designed for marking top of obstacle that exceed 150 meters in height.

Ultra high intensity CREE LED is used for the light source ensure light's long life experience and good performance. Self-designed reflection board ensure less LED could emit brighter light.

### Compliance


- ICAO Annex 14 Volume 1, Eight edition, 2018, table 6.3 High Intensity Type A Obstruction Light , Medium intensity Type B
- FAA L-856, L-857, L-864

### Features

#### Electrical

- CREE ultra-high intensity LED as light source saving power
- Power supply available in DC(48V) or AC(110V, 240V)

#### Physical

- Unique design and UV protected polycarbonate lens for converging light and saving LED power
- UV protection Powder coated bright yellow color base make better visibility
- Base material is powder coated die-casting aluminum which has strong corrosion resistance, Shock and Vibrations protection
-  Special vent installed under base to make sure the air could go through but water is avoided, so that the whole light temperature won't be high, to avoid the High pressure steam goes inside.

#### System design

- Built-in photocell for day/twilight/night operation
- Surge and lightning protection
- GPS device inside for flashing synchronously or Sequentially

#### Optional

- Dry contact alarm output for remote monitoring
- Infrared LED for pilot using NVG
- User adjustable flashing rate (40, 50, 60 flashes/minute)
- Solar powered system

### Application

- AH-HI-AB High-intensity light is used on the top of the High-rise Building, High Chimney, marking towers (Telecom, GSM, Microwave & TV), High Pole, Tower Crane, Wind Turbine, etc when the obstacle height is more than 150meter, and most time work with low intensity lights & medium intensity light installed on the lower place.





## **LED High-intensity Type A&B Aviation Obstruction Light (360 Degree) AH-HI-AB**

### **Installation and Operation**

- Please install the lamp horizontally, and the installation place is strong enough for holding the light; the installation bracket is customized according to the mounting place.
- When installing, please DO NOT face the photocell to the light source nearby, and the photocell won't be affected by nearby objects.
- Before wiring, please confirm that the power supply voltage is the same as the lamp power input voltage.
- Correctly connect the power cable according to the corresponding label on the cable.
- After connecting the wires, check that the wiring is correct before turning on the power. After turning on the power, the light starts to work normally.
- Please test the GPS synchronization function at open area outdoor. The synchronization takes about 1-10 minutes. (Only suitable for the type with GPS synchronization).

### **Cautions**

- High-power lamps, with high temperature at surface, cannot be covered, and the shortest distance between the surface of the illuminated object and the lamp is not less than 3 meters to avoid burns or fire.
- Please ensure that the power supply voltage is the same as the label before use.
- This product will have a temperature rise when working which is normal.
- When the product is working, do not open any part of the lamp body to avoid danger.
- This product is a sealed structure. Non-professional maintenance personnel should not disassemble it. Once found, our company will not guarantee it.
- When the product is working, do not look directly at the lamp in a horizontal direction to avoid eye injury.