

# LED Medium-intensity Red&White Dual Aviation Obstruction Light AH-MI-DU



This LED Medium-intensity Red&White Dual Aviation Obstruction Light flashing white or red color at daytime and red color at night. It's designed for marking top of obstacle which height is between 45 to 150 meters.

Ultra high intensity CREE LED is used for the light source ensure light's long life experience and good performance.



## Compliance


- ICAO Annex 14 Volume 1, Sixth edition, 2013, table 6.3 Medium Intensity Type A Obstruction Light, Medium Intensity Type B Obstruction Light
- FAA L-865 & FAA L-864

## Features

### Electrical

- CREE high intensity LED as light source saving power consumption and maintenance than incandescent light or halogen lamp
- Power supply available in DC(12-48VDC) or AC(110-240VAC)

### Physical

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

### System design

- Built-in photocell ensure light emitting red color at night and white color at daytime automatically
- Surge and lightning protection

### Optional

- Alarm contact for remote monitoring
- Infrared LED for pilot using NVG
- GSM cellphone monitoring
- RS485 communication part for monitoring
- GPS synchronization

## Application

- AH-MI-DU medium-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 45-150meter, and most time work with low intensity lights installed on the lower place.

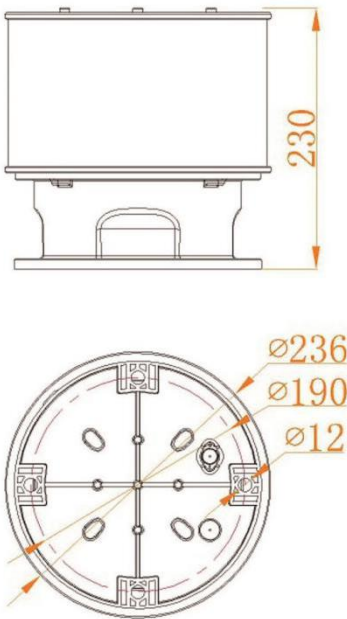


## APPLICATION

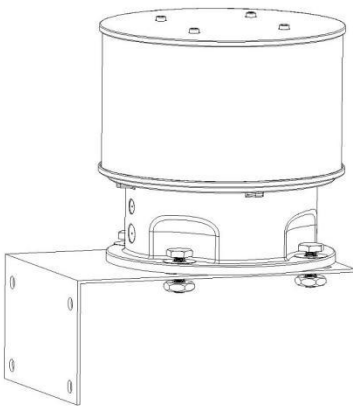


# LED Medium-intensity Red&White Dual Aviation Obstruction Light AH-MI-DU

## Dimension(mm)



## Installation



(Mounting bracket is charged separately,  
and size is customized)

## SPECIFICATIONS

### AH-MI-DU LED Medium-intensity Red&White Dual Aviation Obstruction Light

#### Light Characteristics

|                              |   |
|------------------------------|---|
| Light Source                 | CREE high intensity LED                       |
| Emitting Colors              | White (Daytime); Red (Night)                  |
| Intensity(cd)                | 20000cd ± 25%(Daytime)<br>2000cd ± 25%(Night) |
| Horizontal Output(degrees)   | 360   |
| Vertical Divergence(degrees) | 3   |
| Flash Characteristics        | 40FPM(flashes per minute)                     |
| Operation Mode               | 24hours operation                             |
| LED Life Experience(hours)   | >100,000                                      |

#### Electrical Characteristics

|                    |                                |
|--------------------|--------------------------------|
| Operating Voltage  | DC(12-48VDC) or AC(110-240VAC) |
| Power(W)           | 15(Daytime)<br>10(Night)       |
| Circuit Protection | Integrated                     |

#### Physical Characteristics

|                         |   |
|-------------------------|---|
| Body Material           | Polycarbonate (High borosilicate glass as optional) |
| Base Material           | Die-casting aluminum                                |
| Mounting                | 190×190×612   |
| Dimension(mm)           | 236×236×230   |
| Weight(kg)              | 6.5   |
| Product Life Expectancy | 5 years Plus  |

#### Environmental Factors

|            |         |
|------------|---------|
| Humidity   | 0%-100% |
| Wind Speed | 80m/s   |
| Waterproof | IP66    |

#### Compliance

|      |  |
|------|--|
| ICAO | Annex 14 Volume 1, 'Aerodrome Design and Operations' Sixth edition 2016, table 6.3<br>Medium-intensity Type A White Obstacle Light<br>Medium-intensity Type B Red Obstacle Light |
| FAA  | L-865, L-864   |

#### Options Available

|  |
|--|
| Powder-coated color                      |
| NVG(Night Vision Goggles) compatible LED |
| GSM Cellphone Monitoring                 |
| GPS Sync Flashing                        |
| Dry Contact alarm(NO COM NC)             |
| Bird deterrent spike                     |