# LED Medium-intensity Type C Aviation Obstruction Light AH-MI-C2

**This LED Medium-intensity Type C Aviation Obstruction Light STEADY burning red color, designed for marking top of obstacle which height is more than 45meters.**

**Ultra high intensity CREE LED is used for the light source ensure the long life experience and good performance. Self-designed reflector is used to converge light, which could reach the standard light intensity with as less as the power consumption.**

IP66

## Compliance

- ICAO Annex 14 Volume 1, Seventh edition, 2016, table 6.3 Medium Intensity Type C Obstruction Light

## Features

### *Electrical*

- CREE ultra high intensity LED as light source saving power consumption and maintenance than incandescent light or halogen lamp
- Power supply available in DC(12V, 24V, 48V) or AC(110-240VAC)

### *Physical*

- Unique design and UV protected polycarbonate reflector 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 for day/night operation(dusk to dawn operation)
- Surge and lightning protection

### *Optional*

- Dry contact Alarm output for remote monitoring

## APPLICATION

## Application

- AH-MI-C2 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 45-105meter, and most time work with low intensity lights installed on the lower place.





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DOC: DT2018AHMIC2MAOL

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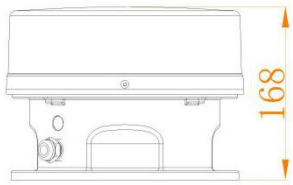
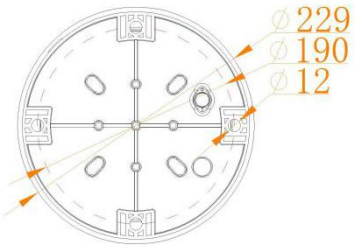
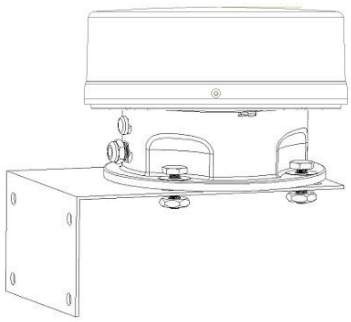
## Dimension(mm)



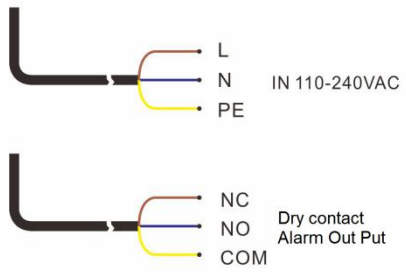




## Installation



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

## Wiring diagram




| SPECIFICATIONS | AH-MI-C2 LED Medium-intensity Type C Aviation Obstruction Light |
|---|---|
| **Light Characteristics** | |
| Light Source | CREE high intensity LED |
| Available Colors | Red |
| Intensity(cd) | ≥2000cd |
| Horizontal Output(degrees) | 360 |
| Vertical Divergence(degrees) | 3 |
| Flash Characteristics | Steady burning(fixed) |
| Operation Mode | Dusk-to-dawn Automatically as standard.<br>24hours operation as option |
| LED Life Experience(hours) | >100,000 |
| **Electrical Characteristics** | |
| Operating Voltage | DC(12V, 24V, 36V, 48V) or AC(110-240VAC) |
| Power(W) | ≤30W |
| Circuit Protection | Integrated |
| **Physical Characteristics** | |
| Body Material | UV protected Polycarbonate |
| Base Material | Powder-coated Die-casting aluminum |
| Mounting | 190×190×θ12 |
| Dimension(mm) | 229×229×168 |
| Weight(kg) | 3 |
| 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' Seventh edition 2016, table 6.3 Medium-intensity Type C Red Obstacle Light |
| **Options Available** | |
| | Infrared LED compatible for NVG (Night Vision Goggles)<br>Dry contact alarm output<br>RS485 communication<br>Bird deterrent spike |



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