















APPLICATION









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.

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
- 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
- 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

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.

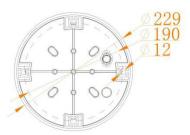
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LED Medium-intensity Type C Aviation Obstruction Light AH-MI-C2

Dimension(mm)



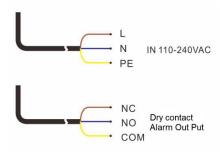


Installation



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

Wiring diagram



AH-MI-C2 LED Medium-intensity Type C Aviation Obstruction Light Light Characteristics Light Source Available Colors Intensity(cd) Horizontal Output(degrees) Vertical Divergence(degrees) Flash Characteristics Operation Mode LED Life Experience(hours) Electrical Characteristics Operating Voltage Power(W) Circuit Protection Physical Characteristics Body Material Base Material Mounting Dimension(mm) Weight(kg) Product Life Expectancy Environmental Factors Humidity Wind Speed Waterproof Compliance ICAO Annex 14 Volume 1,'Aerodrome Design and Operations' Seventh edition 2016, table 6.3 Medium-intensity Type C Aviation Obstruction Light CREE high intensity LED Red ≥ 2000cd 360 3 Steady burning(fixed) Dusk-to-dawn Automatically as standard. 24hours operation as option >100,000 Electrical Characteristics Operating Voltage DC(12V, 24V, 36V, 48V) or AC(110-240VAC) ≤ 30W Integrated UV protected Polycarbonate Powder-coated Die-casting aluminum 190 × 190 × 912 229 × 229 × 168 3 5 years Plus Environmental Factors Humidity Wind Speed Waterproof 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			
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Dry contact alarm output		,	
RS485 communication			
Bird deterrent spike			

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DOC: DT2018AHMIC2MAOL

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