Medium-intensity Type B L864 Solar Aviation Obstruction Light AH-MI/B-2

This Medium-intensity Type B Aviation Obstruction Light flashing RED color, designed for marking top of obstacle which height is between 45 to 105 meters.

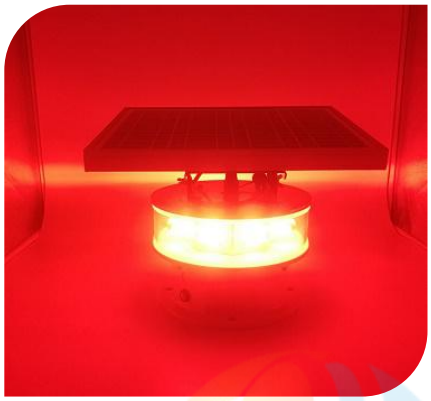
CREE Ultra high intensity LED is used as light source which make performance better, and solar panel vertical degree is adjustable(30°) for get as much as sunlight in different area.

IP65

Compliance

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

Features



Electrical

- Ultra high intensity CREE LED light source saving power consumption and maintenance

Physical

- UV & vibrations protected polycarbonate lens for converging light
- Self-contained without external power supply, Cable cost saving & cabling job saving, No wiring job, nice & easy installation
- Battery: Lithium ion battery

System design

- Solar panel as photocell for day & night working mode (dusk to dawn mode)
- ON/OFF button beside base

Optional

- GPS Synchronization
- GSM cellphone monitoring
- Infrared LED for pilot using NVG
- Remote control ON/OFF

APPLICATION

Application

- AH-MI/B-2 solar medium-intensity light is specialized used on the top of the High Chimney, Telecommunication tower, Wind Turbine where there is no cable power supply and those facilities which have high requirements on lightning protection, and most time work with low intensity lights light installed on the lower place.

ANHANG TECHNOLOGY
Tel/Fax: +86-755-89589401
Email: sales@annhung.com
Website: www.annhung.com

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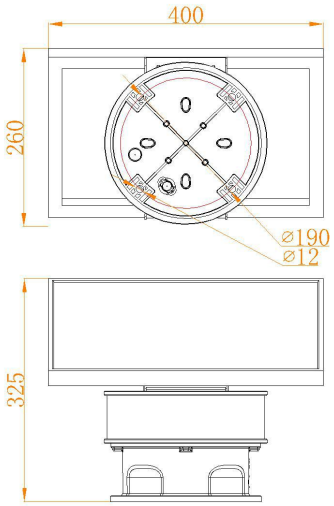
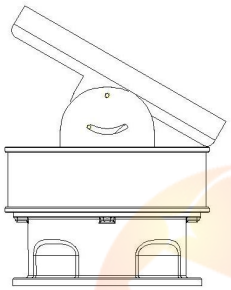
Medium-intensity Type B L864 Solar Aviation Obstruction Light AH-MI/B-2

Dimension(mm)





SPECIFICATIONS	AH-MI/B-2 Medium-intensity Type B L864 Solar Aviation Obstruction Light
Light Characteristics	
Light Source	Ultra high intensity CREE LED
Emitting Color	Red
Intensity(cd)	2000cd±25%(Night)
Horizontal Output(degrees)	360
Vertical Divergence(degrees)	≥3
Flash Characteristics	Flashing 20-60FPM
Operation Mode	Dusk-to-Dawn operation(Solar panel as photocell)
LED Life Experience(hours)	>100,000
Electrical Characteristics	
Operating Voltage(Vdc)	12
Circuit Protection	Integrated
Solar Characteristics	
Solar Module Type	Mono crystalline Silicon
Output(watts)	18W
Charging Regulation	Microprocessor controlled
Battery Characteristics	
Battery type	Lithium ion battery
Nominal Voltage (V)	12
Battery Service Life	Average 3 years
Autonomy (hours)	120
Physical Characteristics	
Lamb Body Material	UV protected Polycarbonate
Base Material	Die casting aluminum
Installation Size	190×190×M10
Overall Size (mm)	400×260×325
Weight(kg)	7
Product Life Expectancy	Average 3 years
Environmental Factors	
Ambient Temperature(℃)	-35~80
Humidity	0~95%
Wind Speed	80m/s
Waterproof	IP65
Compliance	
ICAO	Annex 14 Volume 1,'Aerodrome Design and Operations' Sixth edition July 2013, table 6.3 Medium-intensity Type A Obstacle Light
FAA	L-864
Optional	
	GPS Synchronization
	GSM cellphone monitoring
	NVG - compatible infrared (IR) LED

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