

# Medium-intensity Type B L864 Solar Aviation Obstruction Light AH-MS/S



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.

Side open Stainless steel 304 material of battery box can be open for maintenance convenience very easily.

### Compliance

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



### Features

#### Electrical

- International-advanced cold LED with low power consumption, high brightness and service life of light source reaching 100000hours

#### 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
- Side open stainless steel battery box
- Battery: VRLA (Valve-Regulated Lead Acid Battery)

#### System design

- Solar panel as photocell for day & night working mode (dusk to dawn mode)
- Fuse as the ON/OFF switch is more reliable

#### Optional

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

### Application

- AH-MS/S 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 mostly come with the low intensity lights which are installed at lower place

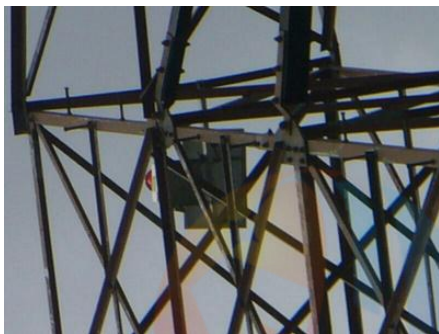
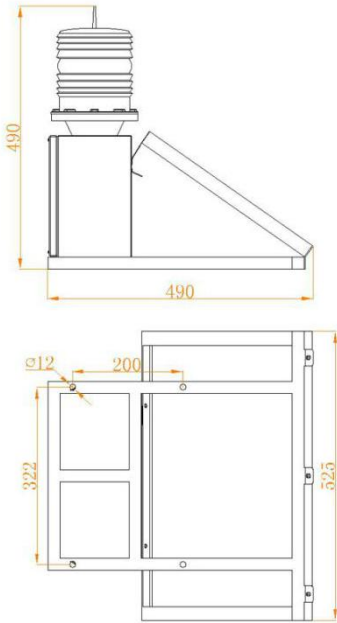


### APPLICATION



# Medium-intensity Type B L864 Solar Aviation Obstruction Light AH-MS/S

## Dimension(mm)



Light on tower

### SPECIFICATIONS

### AH-MS/S Medium-intensity Type B L864 Solar Aviation Obstruction Light

#### Light Characteristics

Light Source	LED
Emitting Color	Red
Intensity(cd)	2000cd±25%
Horizontal Output(degrees)	360
Vertical Divergence(degrees)	≥7
Flash Characteristics	Flashing 20FPM
Operation Mode	Dusk-to-Dawn operation
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)	30W
Charging Regulation	Microprocessor controlled

#### Battery Characteristics

Battery type	Valve-Regulated Lead Acid Battery(VRLA)
Nominal Voltage (V)	12
Battery Service Life	Average 3 years
Autonomy (hours)	150

#### Physical Characteristics

Lamb Body Material	UV protected Polycarbonate
Base Material	Stainless steel 304
Installation Size	200×322×M10
Overall Size (mm)	525×490×490
Weight(kg)	16
Product Life Expectancy	Average 3 years

#### Environmental Factors

Ambient Temperature(°C)	-45~65
Humidity	10~90%
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 B Obstacle Light
FAA	L-864

#### Optional

GPS Synchronization
GSM cellphone monitoring
NVG - compatible infrared (IR) LED