

AH-LI-B2

Low-intensity L810 Single
Aviation Obstruction Light





APPLICATION



Low-intensity L810 Single Aviation Obstruction Light

AH-LI-B2

This Low-intensity light is a steady burning aviation obstruction light designed for marking top of obstacle that do not exceed 45 meters in height.

Compliance

- ICAO Annex 14 Volume 1, Seventh edition, 2016, table 6.3 Low Intensity Type A / B / E Obstacle Light
- FAA L-810
- CAAC MH6012-2015 Aviation obstruction light, MH 5001—2013 Aerodrome technical standards

Features

Electrical

- **3 high power CREE LED**, make sure LED keep bright while use
- **Power supply in DC(48V)& AC(110-240VAC)**, the light could work normally when input 48VDC/110VAC/240VAC
- LED power supply board includes short circuit and open circuit protection, Line surge protection by metal oxide varistor

Physical

- Bird deterrent spike on top
- Unique designed PMMA lens for converging light and good transparency
- High translucency and anti-UV polycarbonate cover could use 3-5years without yellowing
- UV protection Powder coated bright yellow color base make better visibility and also long life in harsh environments
- Base material is die casting aluminum which has strong corrosion resistance, Shock and Vibrations protection
- 3/4inch thread hole make pole installation easy
- **No screw fix type - just twist, the cover will be fixed tightly**

System design

- **Built-in photocell** for day/night operation(dusk to dawn operation, automatically turn on when background luminance $< 50\text{cd/m}^2$)
- **Steady(factory setting)/20FPM/30FPM/60FPM** DIP switches on PCB
- Surge and lightning protection

Optional

- Alarm contact(NO COM NC)for remote monitoring
- Infrared LED for pilot using NVG
- GPS sync flashing
- Solar power system
- IOT remote monitoring

Application

- AH-LI-B2 low-intensity light could be used alone 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 height is lower than 45m.
- When obstacle object is higher than 45m, AH-LI-B2 can be used with Medium-intensity or high-intensity obstruction light to indicate hazardous obstructions with a steady red safety light.

AH-LI-D2

LED Low-intensity L810
Double Aviation Obstruction
Light





LED Low-intensity Double Aviation Obstruction Light

AH-LI-D2

This LED Low-intensity Double light is a steady burning (20/30/60fpm is adjustable) aviation obstruction light designed for marking top of obstacle that do not exceed 45 meters in height.

Main-standby mode ensure the obstacle is always marked even one light fail.

Compliance

- ICAO Annex 14 Volume 1, Seventh edition, 2016, table 6.3 Low Intensity Type A / B / E Obstruction Light
- FAA L-810

Features

Electrical

- **CREE LED**, make sure LED keep bright while use for long time
- **Power supply in DC(48V)& AC(110-240VAC)**, the light could work normally when input 48VDC/110VAC/240VAC

Physical

- Bird deterrent spike on top
- Unique designed PMMA lens for converging light and good transparency
- High translucency and anti-UV polycarbonate cover could use 3-5years without yellowing
- UV protection Powder coated bright yellow color base make better visibility and also long life in harsh environments()
- Base material is die casting aluminum which has strong corrosion resistance, Shock and Vibrations protection
- 3/4inch thread hole make pole installation easy
- **No screw fix type - just twist, the cover will be fixed tightly**

System design

- **Built-in photocell** for day/night operation(dusk to dawn operation, automatically turn on when background luminance is below 50cd/m²)
- **Steady/20FPM/30FPM/60FPM** DIP switches on PCB
- Surge and lightning protection
- Main-standby mode, when the main light fail, the standby light automatically switch on to ensure the obstacle is always clearly marked.

Optional

- Infrared LED for pilot using NVG
- Alarm contact output (Dry contact- NO COM NC), When power failed alarm generate & also when LED fails alarm generated
- Solar power system

Application

- AH-LI-D2 low-intensity light could be used alone 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 height is lower than 45m.



APPLICATION

