

# E27 LED Low-intensity L810 Single Aviation Obstruction Light **AH-LI-BE**



This E27 LED Low-intensity light is a steady burning aviation obstruction light designed for marking top of obstacle that do not exceed 45 meters in height. E27 Bulb could be found anywhere in whole world, so it could be simply replaced once bulb is broken.

## Compliance

- ICAO Annex 14 Volume 1, Sixth edition, 2013, table 6.3 Low Intensity Type A / B Obstruction Light
- FAA L-810



## Features

### Electrical

- LED as light source saving power consumption and maintenance, 95% less power than equivalent incandescent light
- Power supply available in DC(40-60VDC) or AC(90-260VAC)

### Physical

- Bird deterrent spike on top
- Unique designed polycarbonate lens for converging light and also provides corrosion resistance and UV protection.
- UV protection Powder coated bright orange color base make better visibility
- Base material is die casting aluminum which has strong corrosion resistance, Shock and Vibrations protection
- 3/4inch or 1inch(optional) thread hole make pole installation easy
- E27 base LED

### System design

- Steady mode
- Surge and lightning protection

### Optional

- External photocell for day/night operation
- NVG(Night Vision Goggles) compatible LED

## Application

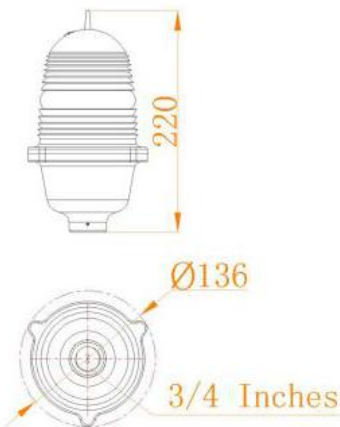
- AH-LI-BE E27 LED low-intensity light could be used alone on the top of the High-rise Building, High Chimney, marking towers (Telecom, GSM, Microwave & TV), High Pole, Tower Crane, Wind Turbine, etc when the height is lower than 45m.
- When obstacle object is higher than 45m, AH-LI-BE can be used with Medium-intensity or high-intensity obstruction light to indicate hazardous obstructions with a steady red safety light.

## APPLICATION



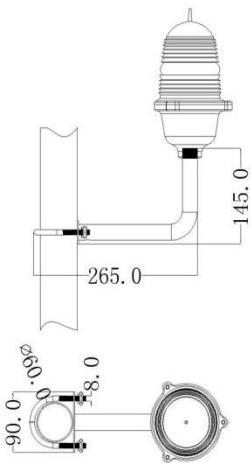
# E27 LED Low-intensity L810 Single Aviation Obstruction Light AH-LI-BE

## Dimension



unit:mm

## Installation



unit:mm

## SPECIFICATIONS

### AH-LI-BE E27 Low-intensity L810 Single Aviation Obstruction Light

#### Light Characteristics

Light Source	LED
Available Colors	Red(Other color is optional)
Intensity(cd)	10cd (type A), 32.5cd(type B), others optional
Horizontal Output(degrees)	360
Vertical Divergence(degrees)	10
Reflector Type	Fresnel Lens
Flash Characteristics	Steady-burning
Operation Mode	24hours as standard. Dusk-to-dawn Automatically operation as option
LED Life Experience(hours)	>100,000

#### Electrical Characteristics

Operating Voltage	DC(40-60VDC) or AC(90-260VAC) or others
Power(W)	3
Circuit Protection	Integrated

#### Physical Characteristics

Body Material	Polycarbonate
Base Material	Die-casting aluminum
Bulb fitting	Edison E27
Mounting	3/4 inch pipe thread as standard. 1inch as option
Dimension(mm)	136×136×220
Weight(kg)	0.75
Product Life Expectancy	10 years Plus

#### Environmental Factors

Ambient Temperature(°C)	-55~70
Humidity	10%-95%
Wind Speed	80m/s
Waterproof	IP65

#### Compliance

ICAO	Annex 14 Volume 1,'Aerodrome Design and Operations' Sixth edition July 2013, table 6.3 Low-intensity Type A/B Obstacle Light
FAA	L-810

#### Options Available

External photocell
Powder-coated color
NVG(Night Vision Goggles) compatible LED