ANNHUNG
安航科技

LED High-intensity Type A Aviation Obstruction Light

AH-HI-A0

This High-intensity Aviation Obstruction Light flashing white color 24 hours and designed for marking top of obstacle that exceed 150 meters in height.
Ultra high intensity CREE LED is used for the light source ensure light's long life experience and good performance.
Self-designed reflection board ensure less LED could emitting brighter light.

IP67

APPLICATION

Compliance

- ICAO Annex 14 Volume 1, Eight edition, 2018, table 6.3 High Intensity Type A Obstruction Light
- FAA L-856, L-857
- CAAC MH6012-2015 Aviation obstruction light, MH 5001—2013 Aerodrome technical standards

Features

Electrical

- CREE ultra high intensity LED as light source saving power
- Power supply available in DC(48V) or AC(110V, 240V)

Physical

- Unique design and UV protected polycarbonate lens for converging light and saving LED power
- UV protection Powder coated bright yellow color base make better visibility
- Base material is powder coated die-casting aluminum which has strong corrosion resistance, Shock and Vibrations protection
-  Special vent installed under base to make sure the air could go through but water is avoid, so that the whole light temperature won't be high, to avoid the High pressure steam goes inside.

System design

- Built-in photocell for day/twilight/night operation
- Surge and lightning protection
- GPS devide inside for flashing synchronously

Optional

- Dry contact alarm output for remote monitoring
- Infrared LED for pilot using NVG
- User adjustable flashing rate(40, 50, 60 flashes/minute)
- IOT Wireless Remote Monitoring
- Solar powered system

Application

- AH-HI-A0 High-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 more than 150meter, and most time work with low intensity lights & medium intensity light installed on the lower place.

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

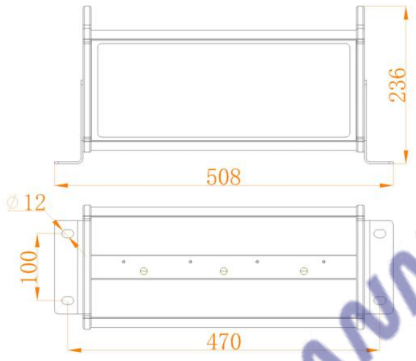
DOC: DT2020AHHIA0HAOL-210809

ANNHUNG 安航科技

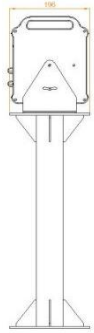
LED High-intensity Type A Aviation Obstruction Light

AH-HI-A0

Dimension(mm)

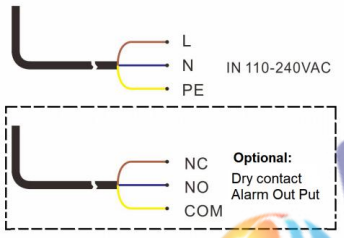


Installation



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

Wiring diagram



SPECIFICATIONS	AH-HI-A0 LED High-intensity Type A Aviation Obstruction Light
Light Characteristics	
Light Source	CREE high intensity LED
Available Colors	White
Intensity(cd)	≥200,000cd(Daytime) (ICAO Type A) Optional: 270,000cd±25%(Daytime) (FAA L-856) ≥20,000cd(Twilight) ≥2,000cd(Night)
Horizontal Output(degrees)	90
Vertical Divergence(degrees)	3-7
Flash Characteristics	40-60FPM(40fpm factory setting, others optional)
Operation Mode	24hours operation, 3 different modes
LED Life Experience(hours)	>100,000
Electrical Characteristics	
Operating Voltage	DC(48VDC) or AC(110, 240V) or others
Average Power(W)	＜76W(40fpm)
Circuit Protection	Integrated
Physical Characteristics	
Body Material	Polycarbonate
Base Material	Powder coated die-casting aluminum
Mounting	470×100×θ12
Dimension(mm)	508×186×236
Weight(kg)	10
Product Life Expectancy	10 years Plus
Environmental Factors	
Humidity	0%-100%
Temperature(℃)	-55˚C ~ 70˚C
Wind Speed	80m/s
Waterproof	IP66
Compliance	
ICAO	Annex 14 Volume 1,'Aerodrome Design and Operations' Eight edition 2018, table 6.3 High-intensity Type A White Obstacle Light
FAA	L-856, L-857
Options Available	
	NVG(Night Vision Goggles) compatible LED Dry Contact alarm(NO COM NC) User adjustable flashing rate (40, 50, 60) IOT wireless remote monitoring Solar power system

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

DOC: DT2020AHHIA0HAOL-210809

Data & specification subject to change without notification.

ANNHUNG 安航科技

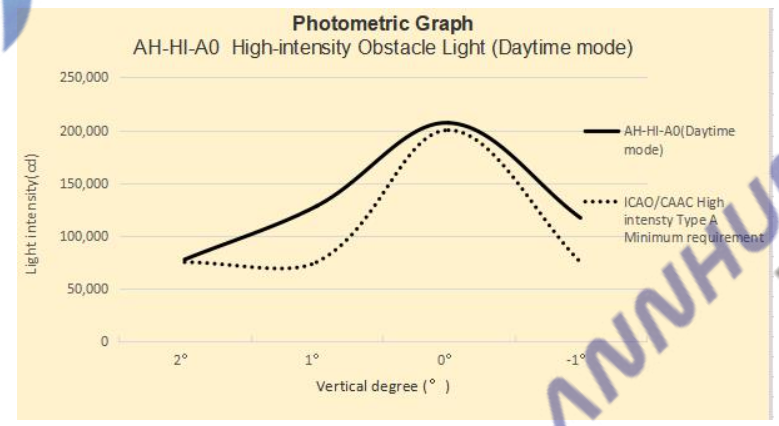
LED High-intensity Type A Aviation Obstruction Light AH-HI-A0

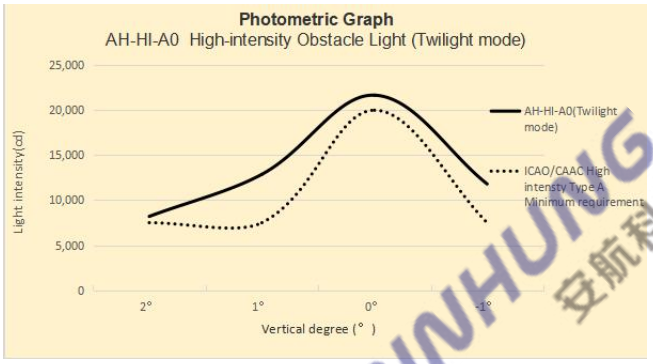
Configuration

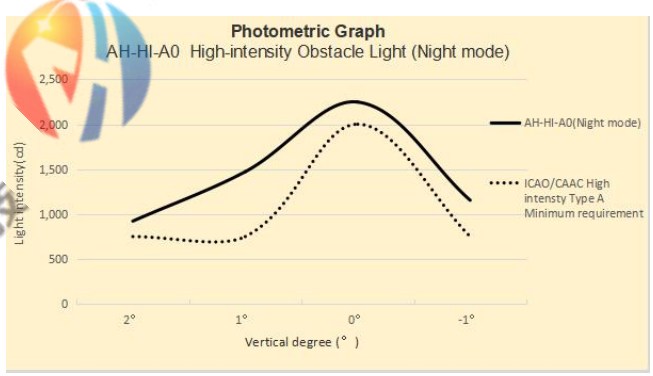
Model	Power input	Light source	Flash rate	Photocell	Dry Contact Alarm	GPS sync flashing	Control	Flash Sequentially	IOT Monitoring
AH-HI-A0	110-240VAC 12VDC 36VDC 48VDC Solar powered	LED IR LED&IR	40FPM 50FPM 60FPM	Built-in No Photocell	No Alarm Alarm	GPS SYNC No SNYC	Used alone With controller	No Seq Sequentially	IOT NO IOT

Remark: The first line is the factory setting if no special request.

Photometric







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

DOC: DT2020AHHIA0HAOL-210809