



High-intensity Type A L856 Aviation Obstruction Light

AL-HI-D

This High-intensity Type A Aviation Obstruction Light flashing white colour 24 hours and designed for marking top of obstacle that exceed 150 meters in height.

Incorporates the benefits of advanced xenon strobe and system control technologies to meet the challenges of the most demanding applications.

Compliance

- ICAO Annex 14 Volume 1, Sixth edition, 2013, table 6.3 High Intensity Type A Obstruction Light
- FAA L-856

Features

Electrical

- High-quality Xenon Lamp with 10⁸times long lamp life, low cost and low power consumption.
- Power supply available in DC(48V) or AC(110V, 240V)

Physical

- Uses AH special technology for the ignition of xenon lamps, hold for long lamp life and very low UV and ozone emission
- "Safe plug" lamp holder for easy lamp replacement.

System design

- Built-in photocell for day/twilight/night operation
- Surge and lightning protection

Optional

- Alarm contact for remote monitoring
- GSM cellphone monitoring
- RS485 communication part for monitoring
- User adjustable flashing rate(40, 50, 60 flashes/minute)
- GPS synchronization

APPLICATION



Application

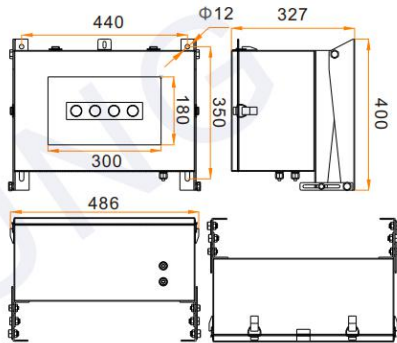
- AL-HI-D High-intensity light is used on the top of the High-rise Building, High Chimney, marking towers (Telecom, GSM, Microwave & TV), High Pole, Tower Crane, Wind Turbine, etc when the obstacle height is more than 150meter, and most time work with low intensity lights & medium intensity light installed on the lower place.



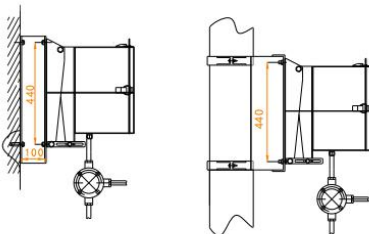
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Dimension(mm)



Installation



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

SPECIFICATIONS

AL-HI-D High-intensity Type A L856 Aviation Obstruction Light

Light Characteristics

Light Source	Xenon
Available Colors	White
Intensity(cd)	200,000cd ± 25%(Daytime) 20,000cd ± 25%(Twilight) 2,000cd ± 25%(Night)
Horizontal Output(degrees)	120
Vertical Divergence(degrees)	3-7
Flash Characteristics	40FPM(Others are optional)
Operation Mode	24hours operation, 3 different modes

Electrical Characteristics

Operating Voltage	DC(48VDC) or AC(110, 240V)
Power(W)	150W
Circuit Protection	Integrated

Physical Characteristics

Body Material	High borosilicate glass
Base Material	SUS304 stainless steel shell
Mounting	447×340×612
Dimension(mm)	486×400×320
Weight(kg)	
Product Life Expectancy	5 years Plus

Environmental Factors

Humidity	0%-100%
Wind Speed	80m/s
Waterproof	IP65

Compliance

ICAO	Annex 14 Volume 1, 'Aerodrome Design and Operations' Sixth edition 2016, table 6.3 High-intensity Type A White Obstacle Light
FAA	L-856

Options Available

NVG(Night Vision Goggles) compatible LED
GSM Monitoring
GPS Sync Flashing
Dry Contact alarm(NO COM NC)
User adjustable flashing rate (40, 50, 60)