



# OBSTRUCTION LIGHTS HIGH INTENSITY LED

LHIA TYPE A – WHITE FLASH

## 01. DESCRIPTION

The LEDEOHIA is a high intensity light with multi-LEDs technology, developed with an aluminium design for a natural fresh cooling system. Dedicated to a day, twilight and night marking, it is a long life system, with a modular conception due to reduce the weight of the flash head. The LEDEOHIA is provided with a control panel including the photocell for an automatic switch ON / OFF, and a dry contact for failure alarm. It has been designed for an easy installation.

## 02. ADVANTAGES

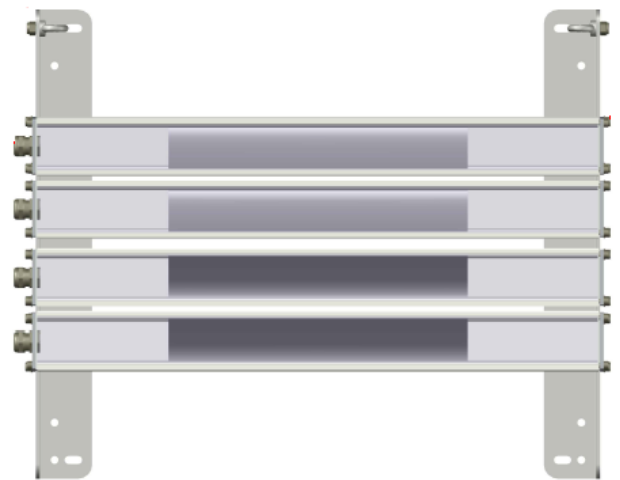
- Integrated synchronization wired, optical fiber, GPS and TCPIP available
- Long life time up to 10 years
- Aluminium design for natural cooling system
- Multi-LEDs
- Low Consumption <150W @ 40 fpm
- Mounting frame included
- No maintenance
- 2 years warranty

## 03. APPLICATIONS

Rules concerning aircraft beaoning are established by the ICAO (Annex 14, Chapter 6). High intensity lights can be settled on structures higher than 150 meters in height. According to the rules, an uninterruptible power supply cabinet has to be installed to assure a 12 hours beaoning in case of power supply failure.

## 04. MODELS

REFERENCE	VOLTAGE	PHOTOCELL	DRY CONTACT
LHIA-TF	-	Not included	Not included
AA-LHIA-A230	Input voltage 110-240V	Included	Included



### REGULATIONS

- ICAO, STAC N° 2017-001 / OBS
- CE

### SCOPE OF APPLICATIONS



Crane



Building



Stack



Pylon



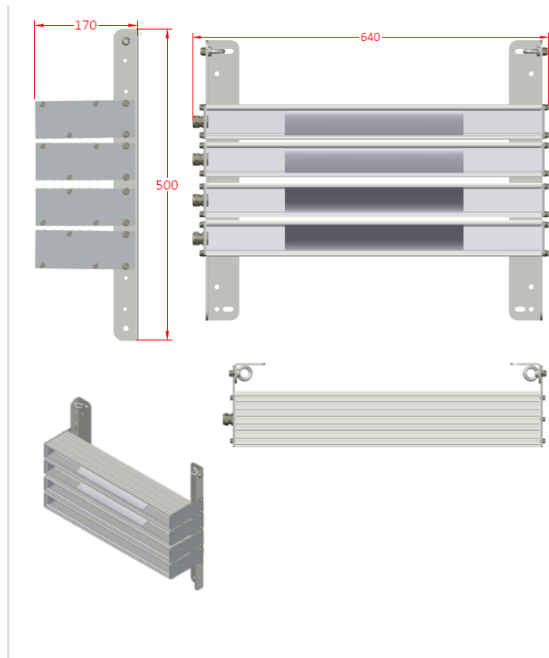
Structure



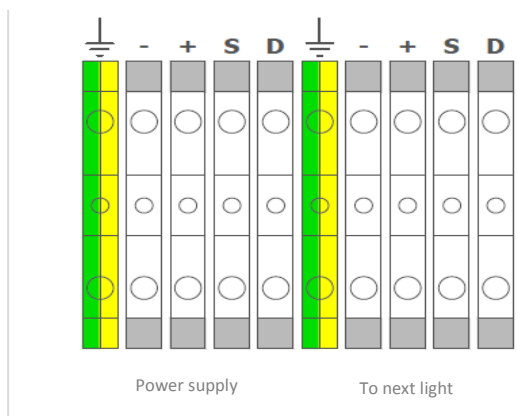
## 05. CHARACTERISTICS

LUMINOUS	
Luminous source	LEDS
Color	White flash
Horizontal beam	120°
Vertical beam	3°
Luminous intensity	200 000 Cd (Day) 20 000 Cd (Twilight) 2 000 Cd (Night)
Flash frequency	20 to 60 fpm
MTBF	Up to 100 000 hours
ELECTRICAL	
Voltage	110-240 AC
Functioning temperature	-55°C to +55°C
Consumption max	< 150 Watts @ 40 fpm
Current I <sub>max</sub>	To 48V : I < 18A (120°) To 230V : I < 4A
Protection class	IP66
MECHANICAL	
Body lamp material	Aluminium
Lens material	Glass
Mounting	M8 screw
Height	350mm
Width	400mm
Weight	< 20 Kg
ENVIRONMENTAL	
Humidity	100%
Frost	-60°C
Wind speed	240 Km/h
CERTIFICATIONS	
CE	EN60947-1 CEI60364, NF C15-100 2014 / 35 / UE
ICAO	Annex 14, Volume I, Chapter 6
FAA	Compliant
Quality	ISO 9001 ; 2008
WARRANTY	
Warranty period	2 years

## + DIMENSIONS



## + WIRING



## + AVAILABLE ACCESSORIES FOR INSTALLATION

- Power supply
- UPS System
- Solar kit
- GPS Synchronization, Optical Fiber