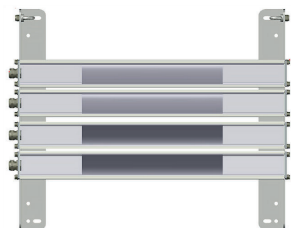
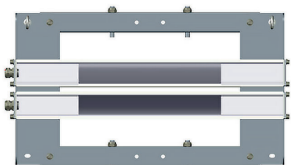


HIGH INTENSITY OBSTRUCTION LIGHTS TYPE A & TYPE B

WHITE FLASH



TYPE A



TYPE B

01. DESCRIPTION

Our **LEDEO HIA & HIB** are high intensity lights based on LED technology, developed with an aluminium frame for a natural fresh cooling system. Dedicated to a day, twilight and night marking, their conception allows for a long lifetime and weight optimization. The lights must be connected to a specific control cabinet, including a photocell for an automatic day/night switch and a dry contact for failure alarm. The lights are designed to ease the installation process and they all come with a junction box in order to facilitate the wiring with the main control cabinet.

02. ADVANTAGES

- Integrated synchronization wire, optical fiber, GPS and TCPIP available
- Long life time up to 10 years
- Aluminum design for natural cooling system
- Multi-LEDs
- Average consumption LHIA <150W (a 40 fpm)
- Average consumption LHIB <75W (a 40 fpm)
- Mounting frame included
- No maintenance
- 2 years warranty
- IP 66

03. APPLICATIONS

Rules concerning aircraft beaconing are established by the ICAO (Annex 14, Chapter 6). High intensity lights can be settled on structures higher than 150 meters in height. In addition, high intensity lights type B are solely dedicated to the signaling of Transmission Towers.

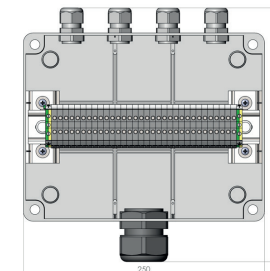
04. MODELS

REFERENCE*	TYPE	VOLTAGE
LHIA-TF	Light	48 V DC (incoming from DELTA BOX controller)
LHIB-TF	Light	
LHIA-BC	Junction Box	-
LHIB-BC	Junction Box	-

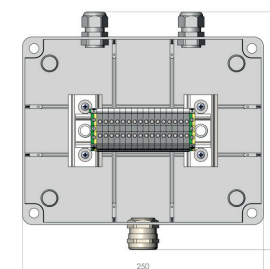
* Every light is delivered with a dedicated junction box for cabinet connection.

05. CHARACTERISTICS

	TYPE A	TYPE B
LUMINOUS		
Luminous source	LED White flashing	
Horizontal / Vertical beam	120° / 3°	
Luminous intensity	200,000 cd Day 20,000 cd Twilight 2,000 cd Night	100,000 cd Day 20,000 cd Twilight 2,000 cd Night
Flash frequency	20 to 60 fpm	20 to 60 fpm (with sequencing between levels)
MTBF	100,000 hours	
ELECTRICAL		
Voltage	48V DC (incoming from DELTA BOX controller)	
Operating temperature	-40°C to +55°C	
Consumption	< 150 Watts at 40 fpm	< 75 Watts at 40 fpm
Pmax	820W	410W
MECHANICAL		
Body lamp material	Aluminum	
Lens material	Glass	
Height / Width	500 mm / 640 mm	370 mm / 640 mm
Weight	< 20 kg	
Cable length	2,5 m	
ENVIRONMENTAL		
Humidity	100%	
Frost	-60°C	
Wind speed	240 km/h	
Protection class	IP66	
CERTIFICATIONS		
CE	EN60947-1 ; CEI60364, NF C15-100 ; 2014 / 35 / UE	
OACI	Annex 14, Volume I, Chapter 6	
FAA	FAA L-856	FAA L-857
Quality	ISO 9001: 2015	
WARRANTY		
Warranty Period	2 years	

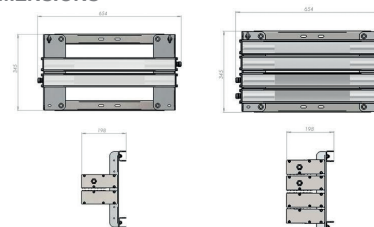


Junction box for LHIA



Junction box for LHIB

DIMENSIONS



AVAILABLE ACCESSORIES FOR INSTALLATION

- Power supply
- UPS System
- Solar kit
- GPS synchronisation, fiber optics

SCOPE OF APPLICATIONS

