

OBSTRUCTION LIGHTS HIGH VOLTAGE LINES

LBIA TYPE A > 10 CD

01. DESCRIPTION

The LEDEOBIA BHT is a one assembly light with the multi-LEDs technology. Dedicated to the beaconing of high voltage lines, it is a long life system (100 000 hours) without power supply. Its compact design and light weight allow the quickest and easiest installation on the market.

02. ADVANTAGES

- Long life time > 10 years
- Multi-LEDs
- Natural stability based on specific nut
- Installation time reduced
- No maintenance
- 2 years warranty
- Product completely filled with high voltage resin to avoid vibration effects
- Only 1 reference for all lines voltage

03. APPLICATIONS

The LEDEOBIA BHT complies with ICAO regulations as it is power supplied by the magnetic field around the cable of the high voltage line. The light can be used for beaconing high voltage lines up to 500kV. The installation specifications for high voltage overhead cables are mainly dealing with the intervals between two beacons:

- 70 meters for sensitive specification location in the vicinity of an airport
- 105 meters for other locations

Moreover, the light cannot be fixed at less than 10 meters from the closest supporting tower.

04. MODELS

REFERENCE	VOLTAGE OF THE LINES	PHOTOCELL	DRY CONTACT
LBIA00HT	1V to 500kV	Not included	Not included



REGULATIONS

- OACI, STAC N° 2010A012
- CE

SCOPE OF APPLICATIONS



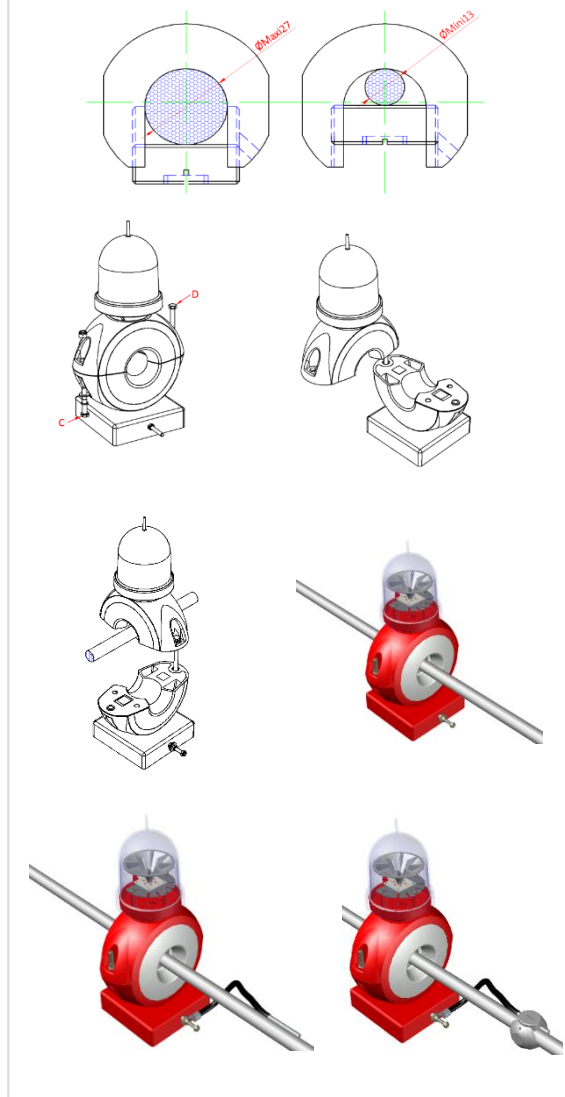
High
Voltage line



05. CHARACTERISTICS

LUMINOUS	
Luminous source	LEDs
Color	Red
Horizontal beam	360°
Vertical beam	10°
Luminous intensity	> 10 Cd
MTBF	100 000 hours
ELECTRICAL	
Voltage lines	1V to 500kV
Functioning temperature	-55°C to +55°C
Current Imin	7A
Current I10 Cd	10A
Current Imax	800A
Protection class	IP66
MECHANICAL	
Body material	Aluminum ABS
Lens material	Polycarbonate with bird spike
Mounting	Positioning nut
Height	380mm
Width	215mm
Weight	< 6 Kg
ENVIRONMENTAL	
Humidity	100%
Frost	-60°C
Wind speed	240 Km/h
CERTIFICATIONS	
CE	EN60947-1 CEI60364, NF C15-100 2014 / 35 / UE
ICAO Quality	Annex 14, Volume I, Chapter 6 ISO 9001 ; 2008
WARRANTY	
Warranty period	2 years

+ INSTALLATION



+ DIMENSIONS

