



High Voltage Line Marking



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With more than 25 years of experience, the team behind AirSea Technology delivers high end equipment and world class service to airports, heliports, high rise buildings, wind turbine farms, and waterways.

Our deep industry knowledge and hands on expertise ensure that every customer receives reliable solutions tailored to the most demanding environments.

We take pride in offering state of the art products that not only meet the highest international standards but also prioritize environmental responsibility.

Our portfolio is built on strong partnerships with leading global manufacturers known for their uncompromising quality and innovative engineering.

At AirSea Technology, exceptional service and support are at the core of everything we do.

From installation and maintenance to long term operational reliability, we are committed to keeping your critical infrastructure running safely and efficiently.

If your Heliport is missing essential equipment, we are ready to assist.

Get in touch with us – we're here to help.



CONDUCTOR MARKING LIGHT

DESCRIPTION

The LEDEO BHT is a one assembly low intensity light dedicated to the beaconing of high voltage lines. It operates with a current transformer that uses the electro-magnetic field of the line to power up the LEDs. It is an autonomous and long lifetime system (100,000 hours), which design has been proven worldwide. With only one reference serving all the power line capacities, its compact design and light weight allow the quickest and easiest installation on the market.



ADVANTAGES

- Self-powered and autonomous system
- Proven design in operation worldwide
- Self-centered on the conductor cable thanks to a specific nut
- Product completely filled with resin to avoid vibration issues on the electronics
- Only 1 reference for all power line voltage capacities
- Operation up to 3000 A of line current
- Installation time reduced
- No maintenance required
- 2-year warranty

APPLICATIONS

The LEDEO BHT complies with the 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 must be installed at more than 10 meters from the closest supporting tower.

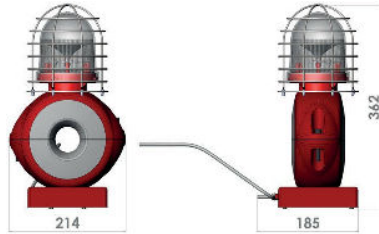


Lights

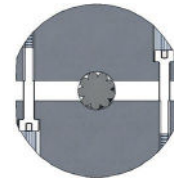
Fixation Nuts

Reference	Signal	Voltage	Reference	Description
AST.LBIA00HT-II	Red only	1kV to 500kV	BHT-NX-14/21	2 nuts For cable Ø 14 to 21mm
AST.LBIB00HT-II	Red only	1kV to 500kV	BHT-NX-22/9	3 nuts For cable Ø 22 to 29mm
AST.LBIAIR001HT-II	Red + IR	1kV to 500kV	BHT-NX-30/36	4 nuts For cable Ø 30 to 36mm
AST.LBIBIR001HT-II	Redc + IR	1kV to 500kV	BHT-NX-37/40	5 nuts For cable Ø 37 to 401mm

CONDUCTOR MARKING LIGHT



Luminous	Type A	Type B
Horizontal / Vertica Beam	360° / 10°	
Intensity	10 cd	>32 cd
Electrical		
Voltgage	1kV to 500kV	
Min. Power Line Current	20A	
Max. Power Line Current	3000A	
Humidity	100%	
Operatimng Temperature	-55°C to +55°C	
Wind Speed	240 km/h	
Protection Class	IP66	
Certifications		
Certifications	EN60947-1 ; CEI60364, NF C15-100 2014 / 35 / UE	
ICAO	Annex 14, Volume 1, Chapter 6	
Quality	ISO 9001 : 2015	
Warranty		
Warranty perion	2 Years	



AIRCRAFT WARNING SPHERES

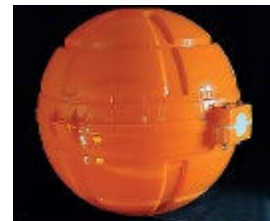
DESCRIPTION

Our **warning sphere** is a diurnal marking ball installed on high voltage lines and pylon stays. Very light and resistant to severe weather conditions (extreme cold or high solar exposure), the warning sphere is available in red, white or orange.

The sphere can be adapted on any diameter of Earth cable and thanks to its silicon clamping system, does not require any armor rod to be fixed on the cable.

Advantages

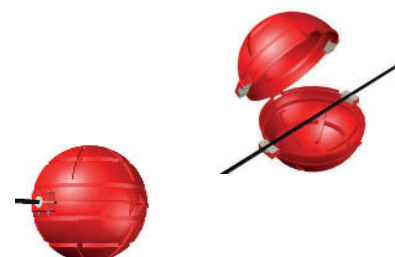
- Exclusive silicon clamping system to ensure stability on the line
- Proven design in operation worldwide, no damage to the cable
- Weather resistant (extreme cold and high solar exposure)
- Physical property retention after UV exposure
- Color stability
- Practical toughness and rigidity
- Dimensional stability
- Adaptable to any diameter of cable or conductor



Environmental	
Humidity:	100%
Operating Temperature	-55°C to +55°C
Wind speed	240 km/h
Ceertifications	
ICAO	Annes 14, Volume 1, Chapter 6
Quality	ISO 9001 : 2015
IEX	IEC 60794-1-2
Warranty	
Waranty period	2 Years

Reference	Colour**
WS60O	Orange
WS60R	Red
WS60W	White

Reference*	Cable Diameter
KITMACH-d04	6 to 9mm
KITMACH-d07	10 to 15mm
KITMACH-d12	15 to 20mm
KITMACH-d18	20 to 26 mm
KITMACH-d23	26 to 29mm



* More references are available for cables of smaller or bigger diameter.

** Dual colors are also available



**For more information
Contact us for**



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