

BALISOR 110KV to 130KV

High-voltage lines are major hazards for low-flying aircraft. Placing beacons on pylons is not sufficient to ensure safety due to the very long spans of cable (extract of Aerodrom Design Manual chapter 14.7 annex 4). The BALISOR® system (created by OBSTA in the 60's) is a beacon for high voltage lines. Its conductors take the power required directly from the line.

The system is, therefore, completely self-contained. Our standard model of BALISOR® fall into the ICAO low intensity category. The neon discharge offers :

- inherent generation of «aviation» red light
- a very long lifetime of the balisor lamp, essential to continuous operation of high voltage lines
- robust, operates as soon as power line is turned on, no current in the conductor is required

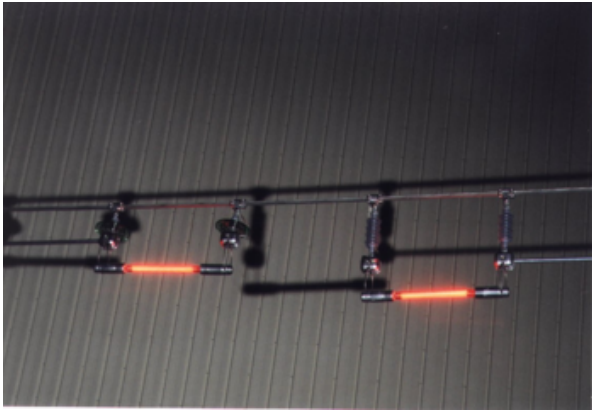
P/N : **B115**

Key Points

The BALISOR® system comprises :

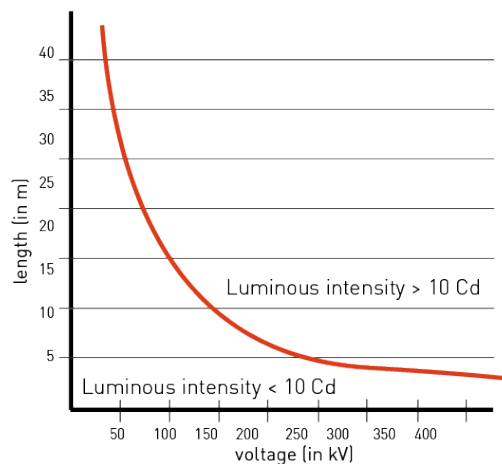
- long life cold neon discharge lamp B49 manufactured by OBSTA,
- a set of capacitive tapings in aluminium, the length depends on the voltage of the line to be protected,
- a set of flexible accessories for suspension and insulation which depends on diameter of the cable

The power supply by capacitive effect ensures a constant light intensity whatever is the value of the electric current crossing the line



Mechanical Characteristics	
Attachment	Aluminium clamps matching with the diameter of the cable (to be specified at time order)
Photometric Characteristics	
Luminous intensity	> 10 Cd

Length of the drift depending on the voltage



Standards		
Standards compliance		ICAO Aerodrome Design Manual Part 4 chapter 14