

LP-810 Low-intensity Conductor Marking Light



Application

LP-810 Low-intensity Conductor Marking Lights shall be fitted to phase conductors in flight path of low flying aircraft for warning at night. This light is a steady red light. These should be operated by induced currents from the phase conductor and conform to (ICAO) international civil aviation organization and (FAA) Federal aviation authority requirements for light output and visibility. The lights should have an average life of 25,000 hours and should conform to the corona and radio interference requirements of other line hardware.

Advantages

- PC material with good impact protection strength, thermal stability, high transmittance.
- International-advanced cold LED with low power consumption, high brightness and service life of light source reaching 100,000 hours.

- Major maintenance cost saving, Surge protection device inside light.
- Strong corrosion resistance, Shock and Vibrations protection and UV protection.
- Dawn to Dusk operating: Built-in photocell can let light work automatically at night and poor visibility during the day.

Main Parameter

Name	Data
Model	LP-810
Standard	ICAO (Aerodromes Annex 14) Low-intensity Type A or Type B
Voltage Lines	1KV to 500kV
HV Current	30A to 500A
Operating Line Frequency	50Hz/60Hz
Light intensity	10cd(Option 32cd)
LED Life span	≥100,000 hours
Emitting color	RED
Power Consumption	≤5W
Overall size	225x150x294mm
Lamp Body Material	Aluminum Alloy
Ingress protection	IP65
Operating temperature	-40℃ ~ 55℃
Net weight	7kg
Wind load	80m/s



LIGHT UP TECHNOLOGY

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Dimension Drawing

