

Low Intensity Aviation Obstruction Warning Light

Low Intensity Aviation obstruction warning Light is designed for the safety of aviation by marking high rise structures and buildings.



ICAO (Type A & B) compliant product design and performance
Omnidirectional RED light source (10 cd - 50 cd)
High quality optics for excellent beam spread control.
Light weight sturdy casings
All hardware of Tower marker obstruction lights are made of corrosion resistant metals.
Excellent dust and moisture sealing through improved gaskets
Bird spikes for protection against droppings

It combines the most modern concept of surface mounted solid state lamps technology (High Powered Lighting Diodes) which are sourced from the most reputed sources.

The high power, high flux solid state lamps give an exceptionally long life of more than 100,000 hours approx. They consume very less energy

The LED Aviation warning lights are mounted on very durable Epoxy masked PCB's which enables easy replacement in case of failure.

Efficient secondary optics is induced to generate Lens effect for proper light beam in horizontal plane & arrest unnecessary light dispersion in vertical plane as required by the light specificat

The Warning Light is protected from ingress of Dust & Moisture. Bird spike is provided at the top to protect the lights from bird droppings.

Built in Photo controller for Dusk to Dawn operation.

» Technical Specifications

Operating Conditions

- Temperatures ranging from (-20°C to +80°C).
- Will withstand wind in excess of 150 mph (240 kph), (150 knots)
- Fog, Rain
- Humidity : 80%
- Does not create Electromagnetic Interference
- Does not create Radio Frequency Interference

Photometric Data	
Night Mode	Red
Vertical Beam Spread	> 10 °
Horizontal Coverage	360 °
"Ground Scatter Light" cut-off angle	-5 °

Electrical Specifications Low Intensity Aviation Obstruction Warning Lights Model : APS/LED/60								
Input Supply	Operating Voltage		System Operating on DC Volts	Current (Amp.)		Volt Amps (VA)		Watts (V x I)
	Min	Max		Min	Max	Min	Max	
230 V AC (50 Hz)	110 V AC (60 Hz)	240 V AC (50 Hz)	12 V	300 mA	500 mA	3.6	6	6
			24 V	150 mA	250 mA	3.6	6	6
			48 V	75 mA	125 mA	3.6	6	6
Light Characteristics								
Body Material				Aluminium Alloy (LM-6)				
Lense Material				UV Stabilized Polycarbonate lens for 360 degree Illumination				
Short circuit Protection				Internal fuse Provided				
Body Colour				Red				
Sealing				Gasket				
Weight				1.5 Kg Approx.				
Environmental and Electrical								
Temperature Range				- 20 ° C to + 80 ° C				
Waterproof				Through improvised Gaskets and Sealant				
Environment Protection Standard for Light				IP 65 Standard				
Cable Gland				IP 65 Standard				

ICAO Type	Type "A"
Light Source	LED Cluster
Light Color	RED
Intensity	50 cd
Horizontal Divergence	360 °
Lamp Life	> 1,00,000 hrs approx.