

# L-810

Obstruction Light Low-Intensity Obstruction Lighting products are designed to meet international aerial navigation requirements for obstruction lighting applications. Applications include Television, radio, Communications, Microwave, transmission line tower, windcones, and other objects requiring navigational or obstruction lighting.

## Applications:

Obstruction Light low intensity Obstruction lighting products are designed to meet international aerial navigation requirements for obstruction lighting applications. Applications include television, radio Communications, microwaves, transmission line towers, windcons and other objects requiring navigational or obstruction lighting. The family of low intensity lighting products consists of single and double lights with various features to meet your specific application needs.



## Key Features:

ETL Certified to FAA (EOL with red Globe and 116W, 130V Lamps Only). Red Fresnel glass globes for 360° visibility. Operates on 120 or 220-240V and 60 or 50Hz Frequency power supply when used with proper Voltage Lamp. Threaded 1 "Hub for mounting. Pre-wired leads. Cast aluminum housing with a yellow finish. Globes with tether and clamp band. Accepts traffic signal lamps with USA medium screw base and European E27 base. O-ring globe seal Lamp life 8,000 hours at 120V and 4,000 hours for 220-240V applications with a new LED lamps

**Compliant to:** ICAO Annex 14

| WEIGHTS & MEASUREMENTS |                        |                        |
|------------------------|------------------------|------------------------|
|                        | 43961                  | 43958                  |
| Shipping Weight:       | 16.0 lbs<br>1.4 kg     | 8.0 lbs<br>0.7 kg      |
| Shipping Volume:       | 1.4 cu ft<br>0.04 cu m | 0.7 cu ft<br>0.02 cu m |

## Technical Specification:

### Photometric Specifications

- Beam Spread: 360° Horizontal, 3° Minimum Vertical
- Effective Intensity: ≥ 32 Candela

### Mechanical Specifications

- Base Material: Cast Aluminum with aviation red powder coat
- Lens: Heat resistant clear glass
- Single: 8" x 5.5" x 5.5" (H x W x L), 4 lbs.
- Double: 8" x 5.5" x 11.5" (H x W x L), 8.25 lbs.

### Environmental Specifications:

- Temperature: ±55°C
- Humidity: 95% relative humidity
- Will withstand exposure to wind-blown rain from any direction, salt-laden atmosphere and wind speeds of 240 kph (150 mph).