



Sacramento, California, U.S.A.



Obstruction Lights FAA L-810

Compliance

FAA AC: 150/5345-43G

ETL Certified L-810

ICAO Annex 14, Vol. 1, Type B

Flight Light L-810 obstruction lights are used on buildings, antennas, towers, cranes, and any other kind of obstacle which occupies air space. Each fixture includes a glass Fresnel globe which is colored red for most applications. The fixtures are either a single or a double lamp housing and made with 3/4" or 1" internally threaded housing. A side-mounted option is also available. These obstruction lights operate on a 120V or 230V circuit. The fixture is illuminated with a 116W, A21 medium screw base lamp.

Features

- FAA approved L-810, certified and tested by ETL with a red lens and 116W lamp #32B.
- Direct installation into existing voltage power circuit.
- Direct mounting to conduit, bottom or side mounting options available.
- Photocell option for automatic activation at night.
- Optional grounding wire available.

Electronic Controls

Single and double obstruction lights can be outfitted with electronic controls to enhance the operation, automation and reduce the maintenance cycle of the fixture. Common configurations include photocells, flashers, transfer relays and alarms. Note: flashing obstruction lights are not FAA approved. Other options and custom combinations may be available upon request.

Features

- Flashers used in fixtures are set at 45 FPM, 50% duty cycle. These fixtures are not FAA certified when flashing.
- Standard configurations come with 3/4" threaded fittings. 1" threaded and side mount configurations available on request.
- FAA style photocells with a 45 second time delay prevents activation and de-activation from momentary light condition.

Common Replacement Parts

| P/N | Description |
|--------------|-----------------------|
| 13-861R-T | Red globe with tether |
| 61-80001 | Clamp band |
| 13-80004 | Medium base socket |
| LA-22483-2 | 116W, 120V lamp |
| LA-116W/230V | 116W, 230V lamp |
| 61-80002 | O-ring |



Single Obstruction Light



Obstruction Lights

| Fixture | Color | Power | Fixture Style | Mounting | Options |
|---------|--------|--------------|---------------|--|--|
| FL-810 | R: Red | AC2: 230VAC* | S: Single | 34B: 3/4" Hub - Bottom 10B: 1" Hub - Bottom 34S: 3/4" Hub - Side 10S: 1" Hub - Side 1: 1.5" Frangible Coupling (13-FC1.5) 2: 2" Frangible Coupling (13-FC2.0) FF: Floor Flange LSM: Low Surface Mount | F: Flasher MT: Marine Treated P: Photocell (81020 Series) R: Red Casting Fix: Fixed |

* Not FAA Approved.

Shipping Weight: (Single): 4.5 lb./2 kilo., Volume: 0.5 cu. Feet/0.01 cu. Meters; (Double): 10 lb./4.5 kilo., Volume: 1 cu. Feet/0.02 cu. Meters.

Casting Options:



Data Sheet: Obstruction Lights