

L-810 LED Obstruction Light HORIZON™ Series

Compliance and Applications

FAA Type: L-810 Steady Burn Obstruction Light
 ICAO Type: Low Intensity Type B Obstacle Light
 ETL Certified: FAA AC 150/5345-43F (pending)
 Compliant to: ICAO Annex 14, CAR 621.19, MIL-C-7989

The Horizon™ L-810 Obstruction Light provides an LED based solution for the FAA L-810 steady burning lights. The Horizon™ LED is currently available in both single and double configurations operating at a range of 95-277VAC and also in a range of 9-48 VDC. Both configurations are available as original equipment or as a direct replacement to the existing socket/lamp/lens on L-810 Incandescent OB2x Series obstruction lights.

Features

- LED based obstruction lights last over 15 times longer than an incandescent light.
- Approximately 96% less power than 116 watt standard incandescent lamp.
- 4 watt power consumption (AC version) / 3.4 watts (DC version).
- Weather resistant lamp assembly and housing.
- Self contained wiring compartment on double units eliminates additional boxes.
- Operates as a steady burn or flashing light.
- Resistant to shock and vibration.
- Direct replacement for existing incandescent fixtures.
- 5 year warranty.

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), 2 lb.
- Double: 8" x 5.5" x 11.5" (H x W x L), 6 lb.

Environmental Specifications

- Temperature: ±55°C
- Humidity: 95% relative humidity

Ordering Codes

Fixture	Color	Power	Fixture Style	Mounting	Options
FL-810HPL	R: Red	AC1: 120 VAC AC2: 240 VAC AC3: 277 VAC DC: 12/24/48 VDC	S: Single D: Double	34B: 3/4" Hub - Bottom 10B: 1" Hub - Bottom 34S: 3/4" Hub - Side 10S: 1" Hub - Side FF: Floor Flange LSM: Low Surface Mount*	F: Flasher P: Photocell T: Transfer Relay**

* For single option only. ** For AC applications only.



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