



Flight Light Inc.  
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95822-3806



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**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, MIL-C-7989, CAR 621.19

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:  $\geq 32$  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:  $\pm 55^{\circ}\text{C}$
- Humidity: 95% relative humidity



Visit our web site: [www.flightlight.com](http://www.flightlight.com)



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### Ordering Codes

Part Number	Description
45-1000-001	L-810 LED 95-277VAC SGL BOT HUB 3/4"
45-1001-001	L-810 LED 95-277VAC SGL BOT HUB 1"
45-1002-001	L-810 LED 95-277VAC SGL SIDE HUB 3/4"
45-1003-001	L-810 LED 95-277VAC SGL SIDE HUB 1"
45-1004-001	L-810 LED 95-277VAC DBL BOT HUB 3/4"
45-1005-001	L-810 LED 95-277VAC DBL BOT HUB 1"
45-1006-001	L-810 LED 95-277VAC DBL SIDE HUB 3/4"
45-1007-001	L-810 LED 95-277VAC DBL SIDE HUB 1"
45-1008-001	L-810 LED 9-48VDC SGL BOT HUB 3/4"
45-1009-001	L-810 LED 9-48VDC SGL BOT HUB 1"
45-1010-001	L-810 LED 9-48VDC SGL SIDE HUB 3/4"
45-1011-001	L-810 LED 9-48VDC SGL SIDE HUB 1"
45-1012-001	L-810 LED 9-48VDC DBL BOT HUB 3/4"
45-1013-001	L-810 LED 9-48VDC DBL BOT HUB 1"
45-1014-001	L-810 LED 9-48VDC DBL SIDE HUB 3/4"
45-1015-001	L-810 LED 9-48VDC DBL SIDE HUB 1"

### Spare Parts

Part Number	Description
45-0001-001	L-810 LIGHT ENGINE 95-277VAC
45-0002-001	L-810 LIGHT ENGINE 9-48VDC
A6A0008AG	NEOPRENE GASKET
B6A0008AA	LENS HOLDER w/7" CHAIN

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