

# INCANDESCENT OBSTRUCTION LIGHT (L-810)



OL1



**Certified to:** FAA AC 150/5345-43F

**Compliant to:** ETL Listed  
Canadian Standards Association (CSA)  
DGAC

## FEATURES / BENEFITS

- High quality porcelain receptacles
- High temperature, ultra pure FAA approved aviation red, blue, yellow or clear glass fresnel lens
- 360° horizontal coverage
- Neoprene gaskets for weather-proofing
- Copper free aluminum casting and stainless steel latches and hardware for corrosion protection
- Stainless steel safety cable
- Casted A356 aluminum base material
- Can be used as steady burning or flashing
- Bottom hub entry also available (OL1)
- 0.75", 1" or 1.25" NPT hub sizes
- No special tools required for maintenance

## APPLICATION

The OL1 (single) and OL2 (double) obstruction lights are used to light aviation obstructions taller than 150 feet AGL. These fixtures are ETL approved to meet or exceed all FAA specifications as found in AC 150/5345-43E, Type L-810.

## SPECIFICATIONS

**Supply Voltage:** 120 VAC or 240 VAC, 50/60 Hz

**Lamps:** 116W lamp(s)

**Intensity:** Low

**Effective Candelas:** 40 ± 20% (OL1)  
80 ± 20% (OL2)

**Wind Load:** CAAA = 0.2 ft<sup>2</sup> (OL1)  
CAAA = 0.5 ft<sup>2</sup> (OL2)

**Operating Temperature:**  
-55° C to +55° C

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION	VOLTAGE
12003-OL1	Single Obstruction Light	120 / 240
12003-OL2	Double Obstruction Light	120 / 240
12003-OL1V	Single Obstruction Light (Valox Base)	120 /240

## MECHANICAL DIMENSIONS

	OL1; OL1V
Height:	7.5" (19.05 cm)
Diameter:	4.875" (12.38 cm)
Weight:	3 lbs (1.36 kg)



OL1

	OL2
Height:	7.0" (17.78 cm)
Length:	11" (27.94 cm)
Width:	4.875" (12.38 cm)
Weight:	10 lbs (4.54 kg)



OL2