

**Model: A-L810**

**Steady Burning Red  
LED Obstruction Light**

**Mechanical Specifications**

Supplied with standard 1" NPT and reducer bushing to 3/4" NPT threaded opening for rigid conduit

Optional universal mounting bracket also available

**Electrical Specifications**

Input Voltage: 115VAC/230VAC (nominal) user selectable

Frequency: 50 or 60 Hz

**Environmental Specifications**

Temperature: -55°C to +55°C (-67°F to 130°F)

Humidity: 95% Relative Humidity

Miscellaneous: Will withstand exposure to wind-blown rain from any direction.

Will withstand exposure to salt-laden atmosphere.



The A-L810 red LED obstruction light is designed for steady burning use. It can be used to visibly mark any obstacle that may present hazards to aircraft navigation.

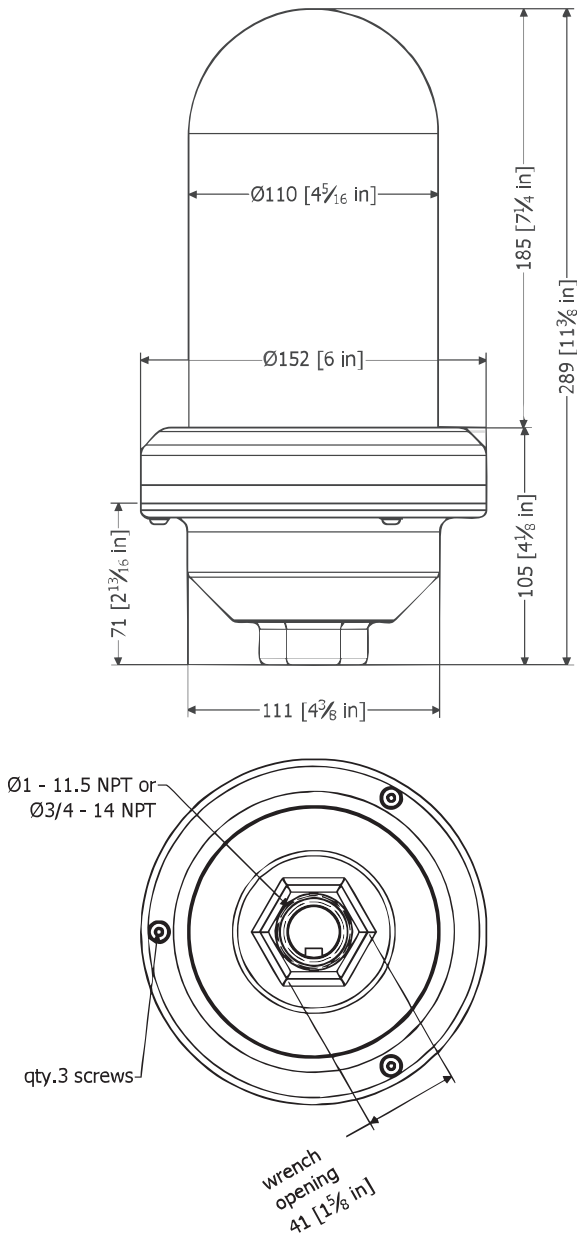
**Benefits Offered by the Austin A-L810 Light**

- RF-Hardened design suitable for operation in high-powered MF (medium frequency) to VLF (very low frequency) systems
- Direct replacement for existing incandescent or other light sources
- LED based obstruction light lasts up to 5 times longer than older incandescent lamps
- LED based obstruction light utilizes up to 90% less power than older incandescent lamps
- Constant light output that meets or exceeds regulatory requirements across input voltages  $\pm 20\%$  of nominal
- Weather/corrosion resistant lamp assembly and housing
- Self contained wiring compartment within base housing eliminates need for additional junction boxes
- Available as either a single or double obstruction light assembly

Universal tower mounting bracket available as an optional extra.

# A-L810 Obstruction Light

## Mechanical Specifications



## Photometric Specifications

Meets or exceeds:  
 FAA AC No. 150/5345-43F  
 ICAO Annex 14  
 Transport Canada CAR 621.19

## Electrical Specifications

A-L810	Min.	Typ.	Max.
115 V	100 V	115 V	130 V
	142 mA	127 mA	124 mA
	14.2 VA	14.6 VA	16.1 VA
230 V	207 V	230 V	253 V
	69 mA	64 mA	62 mA
	14.3 VA	14.6 VA	15.6 VA

Connections:

- Terminal block will accept up to #14 AWG stranded wire (LINE, GROUND, NEUTRAL)

Please see installation instructions for wiring details

## Mounting Detail

- Supplied with standard 1" NPT and reducer bushing to 3/4" NPT threaded opening for rigid conduit
- Optional universal mounting bracket also available

## Weights and Measurements

Single Unit Packed Detail:  
 210mm x 210mm x 430mm @ 4.6 kg  
 8" x 8" x 17" @ 10 lb.

### Materials:

- High temperature shock-resistant prismatic glass globe
- Aluminum housing
- Stainless Steel hardware

### Head Office and Plant

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