

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.

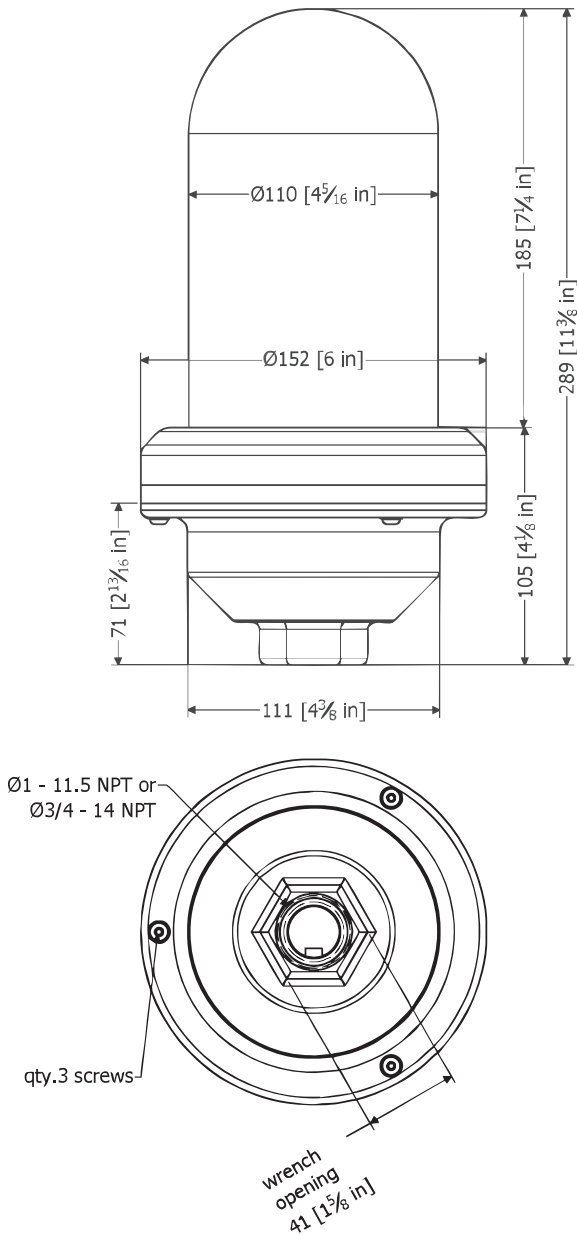
Benefits Offered by the Austin A-L810 Light

- 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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