

LED OBSTRUCTION LIGHT - Hazardous Location

860 Series (L-810)



Certified to:
 FAA AC 150/5345-43F
 Canadian Aviation Regulation
 CAR 621.19 (Transport Canada)

Compliant to:
 ICAO Annex 14 July 2004
 Type A or Type B



FEATURES/BENEFITS

- Available as a single or dual unit
- Suitable for all Class 1 Div. 2, Groups A, B, C, D hazardous environments; T4 rated
- Unique optically designed lens to enhance LED operation and provide 360° visibility
- Energy efficient LED technology
- Up to 100,000 hours service life
- Weather/corrosion resistant lamp assembly and housing
- Self-contained wiring compartment eliminates additional boxes
- Threaded 1" and 3/4" bottom hub for mounting
- Can be operated steady or flashed
- 5 year warranty
- Resistant to shock and vibration
- IP65 / IP66 / NEMA 4X rated

APPLICATION

The L-810 red obstruction light is an LED based Class I Division 2 certified fixture. Used to mark obstructions on structures in hazardous environments, these fixtures provide a valuable solution to the petrochemical industry as well as other facilities in demanding and dangerous environments.

OPERATING CONDITIONS

The fixture is designed for severe duty conditions and hazardous environments. It is designed for operation in temperatures ranging from -67° F to +131° F (-55° C to +55° C). It will withstand wind in excess of 150 mph (240 kph), salt fog.

MATERIALS/FINISH

- Cast Aluminum housing
- Stainless steel hardware
- Electrostatically applied powdercoat of aviation orange paint

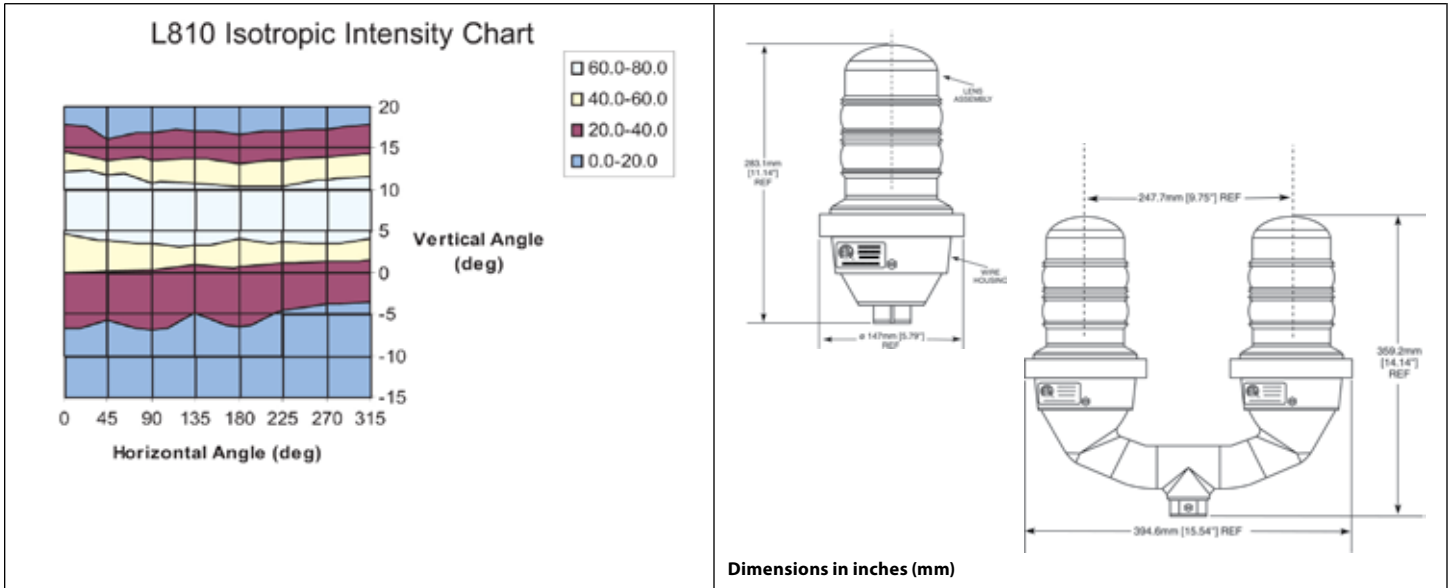
ORDERING INFORMATION

Part Number	Volts
Single Units	
860-2R01-001 (Class 1 Division 2)	120 VAC
860-2R02-001 (Class 1 Division 2)	240 VAC
Dual Units	
860-2R01-002 (Class 1 Division 2)	120 VAC
860-2R02-002 (Class 1 Division 2)	240 VAC
Replacement Light Assemblies	
860-2R01 (Class 1 Division 2)	120 VAC
860-2R02 (Class 1 Division 2)	240 VAC

NOTE: THIS FIXTURE IS ETL LISTED IN COMPLIANCE WITH UL 1598 AND UL 844 FOR USE IN CLASS 1 DIVISION 2 HAZARDOUS LOCATIONS.

PHOTOMETRIC DATA

MECHANICAL DIMENSIONS



ELECTRICAL SPECIFICATIONS

	PF	VA	Operating Voltage (NOM)	Watts (W)		
				Min	Typ	Max
120 VAC Units	.3	44	120	10	14.5	17.5
230 VAC Units (50Hz)	.2	67	230	13	15	17
240 VAC Units (60Hz)	.2	67	240	13	16	19

WEIGHTS & MEASUREMENTS

Model	Shipping Weight	Container Dimensions
Single Unit	7.14 lbs	16" x 9" x 8"
Dual Unit	16.06 lbs	22" x 17" x 9"