

LED OBSTRUCTION LIGHT

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
 Low Intensity Type A (10cd)
 Low Intensity Type B (32cd)



FEATURES/BENEFITS

- Available as a single or dual unit
- Available in 12 VDC, 24 VDC, 48 VDC, 120 VAC & 220 VAC (50 or 60 Hz)
- Earth grounding provisions provided
- Unique optically designed lens to enhance LED operation and provide 360° visibility
- State-of-the-art high-flux LED technology
- Estimated service life 12-15 years
- Weather/corrosion resistant lamp assembly and housing
- Self-contained wiring compartment eliminates additional boxes
- Threaded 1" and ¾" 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 860 Series is the FAA type L-810 red LED obstruction light. Designed for steady burning, this fixture is used to mark any obstacle that may present hazards to aircraft navigation. The U.S. patent office has issued patent number 6,425,678 B1 for this series.

OPERATING CONDITIONS

Temperature: -67° F to +131° F (-55° C to +55° C)

MATERIALS/FINISH

- Cast Aluminum housing
- Stainless steel hardware

ORDERING INFORMATION

Single Units

Part Number	Volts
860-1R01-001*	120 VAC
860-6R01-001*	120 VAC
860-1R02-001*	220 VAC
860-1R03-001*	12 VDC
860-3R03-001* (Low wattage)	12 VDC
860-1R05-001*	24 VDC
860-6R05-001*	24 VDC
860-1R04-001*	48 VDC

Dual Units

Part Number	Volts
860-1R01-002*	120 VAC
860-6R01-002*	120 VAC
860-1R02-002*	220 VAC
860-1R03-002*	12 VDC
860-3R03-002* (Low wattage)	12 VDC
860-1R05-002*	24 VDC
860-6R05-002*	24 VDC
860-1R04-002*	48 VDC

Replacement Light Assemblies

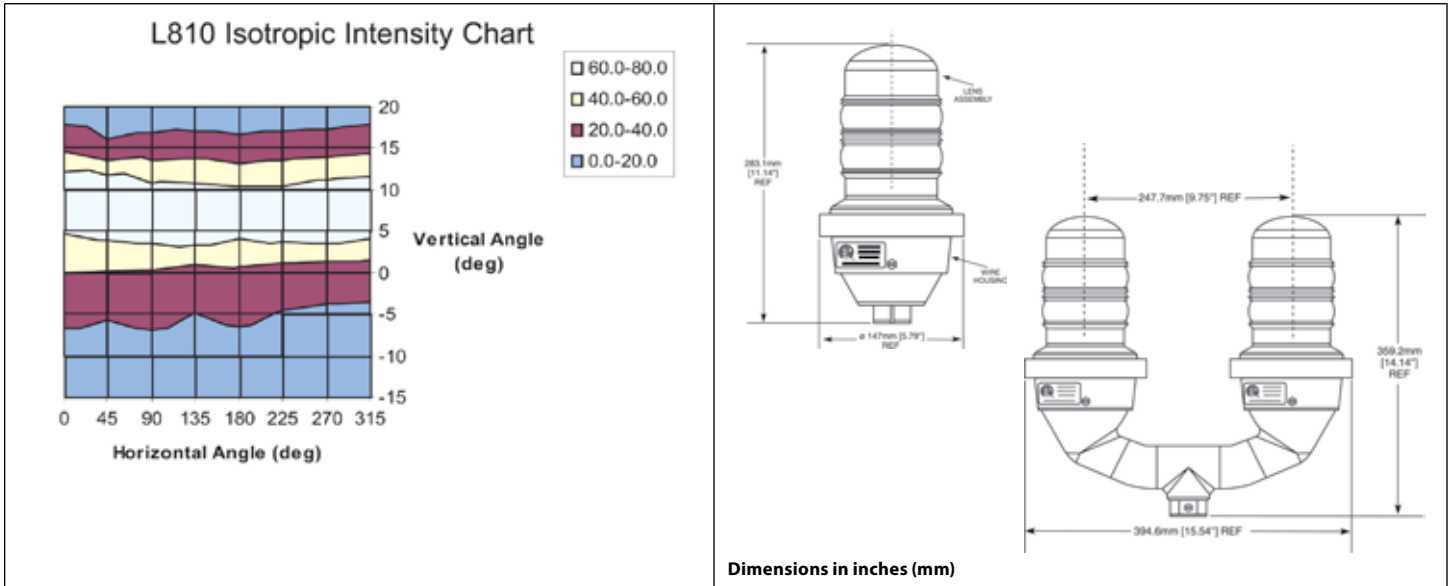
Part Number	Volts	Part Number	Volts
860-1R01	120 VAC	860-3R03 (Low wattage)	12 VDC
860-6R01**	120 VAC	860-1R05	24 VDC
860-1R02	220 VAC	860-6R05**	24 VDC
860-1R03	12 VDC	860-1R04	48 VDC

* FAA Approved

** Canadian Spec

PHOTOMETRIC DATA

MECHANICAL DIMENSIONS



ELECTRICAL SPECIFICATIONS

	PF	VA	Operating Voltage			Watts (W)			Amps
			Min	Typ	Max	Min	Typ	Max	
120 VAC Units	.3	46.5	92	120	132	10	15	18	0.120
240 VAC Units (60Hz)	.17	72	198	240	264	11	15	18	0.120
240 VAC Units (50Hz)	--	--	198	240	264	12	14	17	--
12 VDC Units (Standard)	--	--	10	12	14	20	25	29	2.000
24 VDC Units	--	--	21	24	27	17	22	29	0.920
48 VDC Units	--	--	43	48	53	11	14	16	0.275

WEIGHTS & MEASUREMENTS

Model	Shipping Weight	Container Dimensions
Single Unit	7.1 lbs	16" x 9" x 8"
Dual Unit	16.1 lbs	22" x 17" x 9"