

LED ELEVATED HELIPORT PERIMETER EDGE FIXTURE (L-861H) - Hazardous Location

Compliant to: FAA AC 150/5345-46B
ICAO Annex 14 November 2004

ETL Listed in Compliance with:
UL 1598 and UL 844 for use in
Class I, Division 2 Hazardous Locations



FEATURES / BENEFITS

- Designed to replace incandescent elevated heliport edge fixtures
- Inherent safety capability; low electrical/thermal energy and high light output
- Suitable for all Class I, Div 2, Groups A, B, C, D hazardous environments, T4 rated
- Unique optically designed lens to enhance LED operation and provide 360° visibility
- Easily interface to existing Helipad lighting circuits
- Resistant to shock and vibration
- Weather / corrosion resistant lamp assembly and housing
- Considerable power savings compared to incandescent (15Watts)
- Can be operated steady or flashed
- Available as a single or dual unit
- Estimated service life 10-12 years
- 5 year warranty
- IP 66 / NEMA 4X rated

APPLICATION

The Visual Signal Light is an LED based Class I, Division 2 certified fixture. It is used for visual indication in hazardous environments, and to define the perimeter of the area required for helicopter landing and takeoff.

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

Single Units	
PART NUMBER	COLOR
860-2R0X-001	Red
860-2G0X-001	Green
860-2Y0X-001	Yellow (Amber)
860-2B0X-001	Blue
860-2W0X-001	White

Note: X indicates voltage input (See Voltage Chart)

Input Voltage Chart	
X = 1	120 VAC
X = 2	220 VAC

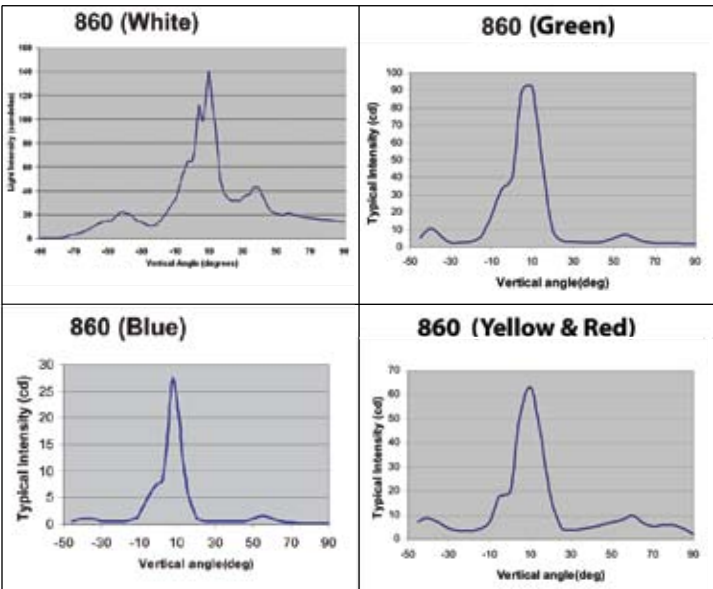
Dual Units	
PART NUMBER	COLOR
860-2R0X-002	Red
860-2G0X-002	Green
860-2Y0X-002	Yellow (Amber)
860-2B0X-002	Blue
860-2W0X-002	White

Note: X indicates voltage input (See Voltage Chart)

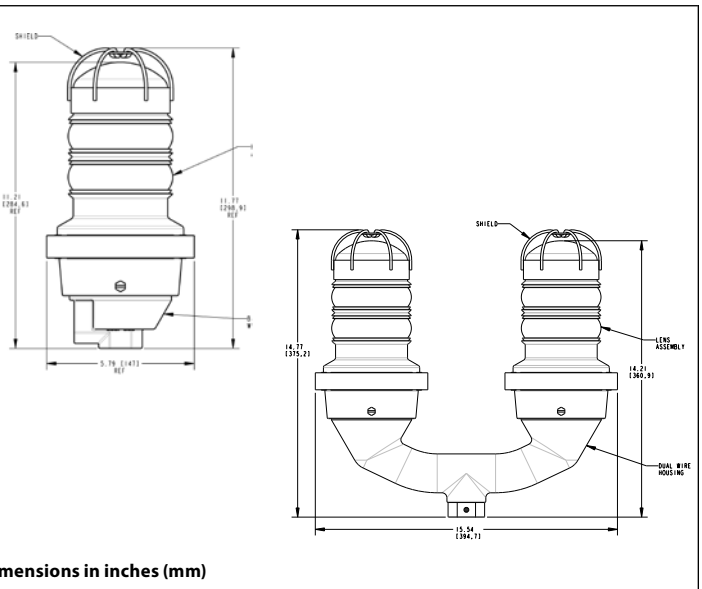
Replacement Light Assemblies	
PART NUMBER	COLOR
860-2R0X	Single, Red
860-2G0X	Single, Green
860-2Y0X	Single, Yellow (Amber)
860-2B0X	Single, Blue
860-2W0X	Single, White

Note: X indicates voltage input (See Voltage Chart)

PHOTOMETRIC DATA



MECHANICAL DIMENSIONS



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"

ELECTRICAL SPECIFICATIONS

	VA	OPERATING VOLTAGE			WATTS (W)		AMPS
		MIN	NOM	MAX	TYP	MAX	
120 VAC Units	46.5	92	120	132	14.5	17.5	120mA
220 VAC Units (60 Hz)	74	198	220	265	14.5	17.5	120mA