

# Dialight

## CLASS 1, DIV 2 LED OBSTRUCTION LIGHT



ETL Listed in compliance with UL1598 and UL844  
for use in Class 1, Div 2 Hazardous Locations  
ETL Certified to FAA AC # (150/5345-43E)  
Compliant to ICAO (Annex 14, July 1990)



### 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
- ▲ Lasts years longer than an incandescent
- ▲ 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 (controller not supplied)
- ▲ 5 year warranty
- ▲ Resistant to shock and vibration
- ▲ IP 65 rated

US PATENT # 6,425,678

### APPLICATION

- ▲ The Dialight L-810 Obstruction Light is an LED BASED Class 1, Division 2 certified fixture. Used for obstruction marking of structures in hazardous environments, providing a valuable solution to the petrochemical industry facilities.

### OPERATING CONDITIONS

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

### MATERIALS / FINISH

- ▲ Cast aluminum housing and stainless steel hardware.
- ▲ Electro-statically applied powdercoat of aviation orange paint.



#### Dialight Europe Ltd.

Exning Road, Newmarket, England, CB8 0AX  
Tel: +44 (0) 1638 666541 • Fax: +44 (0) 1638 561735  
www.dialight-obstruction-lights.com  
A Subsidiary of Dialight PLC

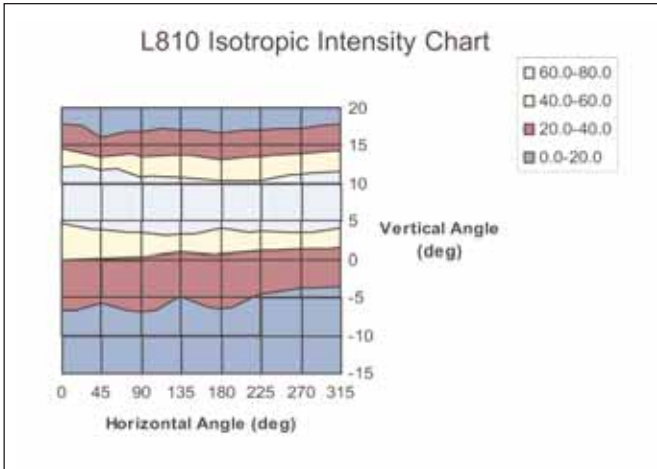


#### Dialight Corporation

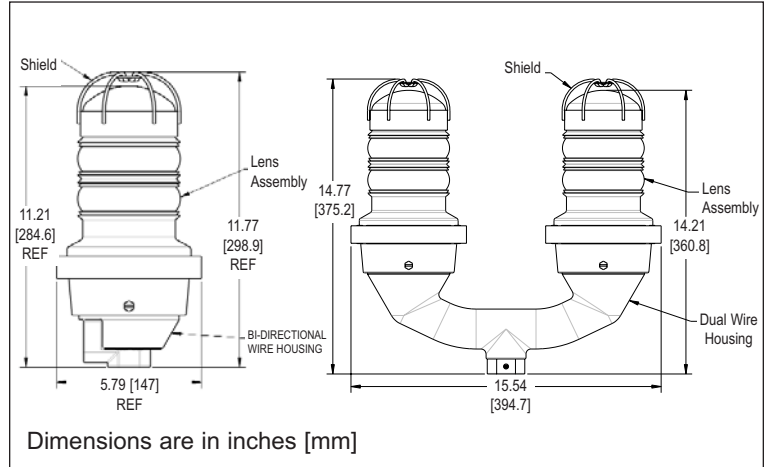
1501 Route 34 South • Farmingdale, NJ 07727 USA  
Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778  
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### PHOTOMETRIC DATA



### MECHANICAL DIMENSIONS



### ORDERING INFORMATION

Single Units	
Part Number	Volts
860-2R01-001	120VAC
860-2R02-001	220VAC

Dual Units	
Part Number	Volts
860-2R01-002	120VAC
860-2R02-002	220VAC

### WEIGHTS & MEASUREMENTS

PART NUMBER	APPROX. 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

	PF	VA	OPERATING VOLTAGE			WATTS (W)			AMPS
			Min	Nominal	Max	Min	Typ	Max	
120VAC UNITS	.3	46.5	92	120	132	10	14.5	17.5	120mA
220VAC UNITS (60 Hz)	.17	72	198	220	264	11	14.5	17.5	120mA
220VAC UNITS (50 Hz)	.17	72	198	220	264	12	14	17	120mA

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