

OBSTRUCTION & BEACONS

RTO-IR

LED RTO Series Red Obstruction Light, L-810(L) with infrared option



Compliance with Standards

- FAA:** L-810(L) AC 150/5345-43J and the FAA Engineering Brief No. 67. ETL Certified.
- ICAO:** Annex 14, 4th Ed. July 2004, Aerodromes Design Manual, Ch.18 Type B & E
- T/C:** Canadian Standard 621.19, Tables 13-3 and 13-4; 621 figures 13-2

Uses

FAA L-810(L), ICAO, T/C

Steady-burning red light fixture marking all fixed obstructions to eliminate air navigational hazards.

Features

- Peak IR Intensity - 860 nanometers
- >0.9 Power Factor (all AC units)
- Available as a single or dual unit
- Available in 120-240 VAC: and 24-48 VDC
- Grounding terminals provided
- Unique optical design
- Advanced 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 3/4" bottom hub for mounting
- Can be operated steady or flashed. Flashed requires additional equipment
- Uses 95% less energy than incandescent
- Resistant to shock and vibration
- IP65 / IP66 / NEMA 4X
- Cast aluminum base and housing
- Aviation Red UV-resistant polycarbonate dome
- Manufactured by Dialight Corporation

Operating Conditions

- Temperature: -40 °F to +131 °F / -40 °C to +55 °C
 Humidity: 0 to 100%
 Wind speeds: Up to 150 mph / 240 kph

Ordering Code: Infrared Single and Dual Fixtures

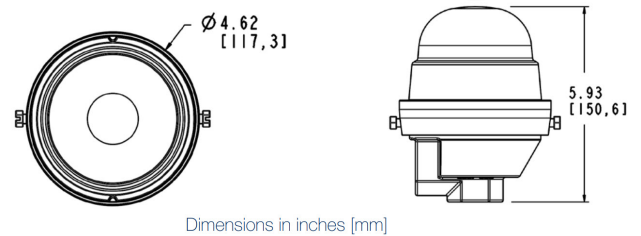
Part Number	Input Voltage	Description
RTO-CR27-001	120-240 VAC	Single
RTO-CR27-002	120-240 VAC	Double
RTO-CR28-001	24-48 VDC	Single
RTO-CR28-002	24-48 VDC	Double

Electrical Specifications

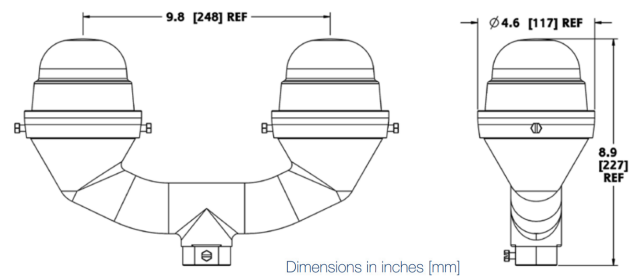
Model	Operating Voltage	Input Power (Nominal)
FAA	120-240 VAC ± 10%	6 W
FAA	24-48 VDC	5.2 W

Mechanical Dimensions

Single Fixture



Dual Fixture



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Weights and Measurements

Model	Shipping Wt	Container Dimensions
Single Unit	2.00 lb (0.91 kg)	7.60 in x 5.25 in x 5.75 in (193 mm x 133 mm x 146 mm)
Double Unit	4.60 lb (2.09 kg)	18.6 in x 12.5 in x 6.40 in (472 mm x 318 mm x 163 mm)