

Efficiency and Reliability in Every Light

The TWR OL1VLED-IR (F) is an FAA Type L-810 low-intensity red and IR-LED obstruction light featuring a Valox base. This flashing L810 light, controlled by TWR's LC-STAR controller, meets and exceeds FAA requirements.

Key Features

- Five-year limited warranty
- 96% Reduced energy consumption versus incandescent
- Aviation clear Acrylic Fresnel lens
- Painted cast aluminum base, stainless steel latches and hardware for corrosion protection
- Available in side hub or bottom hub configurations
- No special tools required for installation or maintenance
- Neoprene gasket for weather proofing
- Available in 12 - 48 VDC

Standards and Certifications

- FAA AC70/7460-1M
- ICAO Annex 14 Volume 2
- CAR 621
- DGAC



FAA Type L-810 with IR

OL1CLED-IR

FAA Low Intensity Obstruction Light



Power Consumption

Part Number	Volts AC/DC	Watts	Current
OL1CBH34LED2-IR* and OL1CLED2	120/240 VAC 50/60Hz	12W	0.1A/0.2A
OL1CBH34LED3-IR* and OL1CLED3	12/24 VDC	12W	1A/0.5A
OL1CBH34LED4-IR* and OL1CLED4	48 VDC	12W	0.25A

TWR Service Guarantee

- Dedicated team of experienced professionals
- 24/7/365 Technical Support
- Excellent Customer Service
- Knowledgeable engineering team
- Hands-on support
- Unmatched reliability

Operating Specifications

Light Source	Red and IR-LED Array
Lens Material	PMMA
Base Material	Cast A356 aluminum (Red)
Operating Voltage	See Chart
Power Consumption	See Chart
Operating Temperature Range	-40°F to +130°F (-40°C to +55°C)
Effective Intensity (Night)	32.5 CD Minimum Red Fixed or Flashing
Infrared Radiant Intensity	4mW/sr @ 850nm
Vertical Beam	10° Minimum
Horizontal Coverage	360°
Wind Load	CAAA 0.5 ft ²
Height	7.5 in. (19.05 cm)
Diameter	4.875 in. (12.38 cm)
Weight	1.61 lbs. (0.73 kg.)
Hub Sizes	0.75 in. (1 in. or 1.25 in. with enlarger)