

Efficiency and Reliability in Every Light

The TWR Lighting OL2VLED Low Obstruction Light is a state-of-the-art solution designed for enhanced visibility and safety. Engineered with cutting-edge LED technology, the OL2VLED provides superior brightness and reliability, ensuring optimal performance in various weather conditions. This low-profile obstruction light is perfect for towers, buildings, and other structures requiring efficient and effective illumination. Its robust construction and energy-efficient design significantly reduce maintenance costs and power consumption. Additionally, the OL2VLED is compliant with FAA aviation standards, making it a trusted choice for industry professionals seeking a high-quality, durable lighting solution.

Key Features

- 96% Reduced energy consumption versus incandescent
- Optical Grade PMMA Fresnel lens
- Valox™ base, stainless steel latches and hardware for corrosion protection
- No special tools required for installation or maintenance
- Neoprene gasket for weather proofing
- Available in AC or DC
- Manufactured by TWR Lighting, Inc

Standards and Certifications

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



OL2VLED-IR

FAA Low Intensity Double Obstruction Light



Power Consumption

| Part Number | Volts AC/DC | Watts | Current |
|-------------|---------------------|-------|-----------|
| OL2VLED2-IR | 120/240 VAC 50/60Hz | 24W | 0.2A/0.4A |
| OL2VLED3-IR | 12/24 VDC | 24W | 2A/1A |
| OL2VLED4-IR | 48 VDC | 24W | 0.5A |

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 | (2) Red and IR-LED Array |
| Lens Material | PMMA |
| Base Material | Valox (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 |
| Infrared Radiant Intensity | 4mW/sr @ 850nm |
| Vertical Beam | 10° Minimum |
| Horizontal Coverage | 360° |
| Wind Load | CAAA 0.5 ft ² |
| Height | 11.77 in (29.91 cm) |
| Length | 13.43 in. (34.11 cm) |
| Width | 5.28 in (13.41 cm) |
| Weight | 5.52 lbs (2.50 kg) |
| Hub Sizes | 0.75 in (1 in or 1.25 in with enlarger) |