

OL4 Solar Warning Light

The OL4 is a high-performance warning light designed to perform reliably at tough industrial locations including rail yards, construction zones, mining operations and more. Suitable for permanent, temporary or emergency installations, the OL4 is unrivaled by any other hazard marking or barricade light currently available.

- Dusk to dawn operation
- Lightweight, self-contained
- Sophisticated solar energy management
- Intuitive onboard user interface
- Intelligent deployment settings for reliable performance in a wide-range of locations
- Proven technology platform

Easy installation and Relocation

Lights are immediately operational following a simple installation process. No specialized work crews required.

Self-Contained and Low-Maintenance

All components are safely encased in a durable, rugged enclosure. The OL4 includes a replaceable battery pack that extends the total cost of ownership beyond 5 years and offers significant cost savings.

Intelligent Deployment Settings

The OL4 has the unique ability to be tuned to its precise installation location, protecting it against improper configuration.

Unprecedented Reliability

Microprocessor Energy Management System (EMS) monitors and adapts to environmental conditions for consistent operation and long life under the toughest conditions.

User-Friendly Design

Onboard user interface, optional Infrared Programmer and USB device manager software offer easy configuration and programming.

Green Solution

Recyclable batteries and a RoHS compliant design combined with natural solar charging ensure the lightest environmental footprint.



SPECIFICATIONS

| | |
|-------------------------------|---|
| Compliance | MIL-STD-202G: Humidity, immersion, vibration, shock |
| | MIL-STD-810G: Solar radiation, salt-fog |
| | EN 60945: ESD, EMI, EMC; IP68; L70 |
| | FAA Advisory Circular AC 150/5370-2E Commercial Part 139 Airports for barricade and construction applications |
| | ICAO Annex 14, Volume 1, 4th edition (blue light) |
| Solar Panel | High-efficiency cells with bypass and blocking diode function |
| | Maximum power point tracking (MPPT) for optimal energy collection |
| Battery | Tool-less replaceable and recyclable best-in-class battery pack with extreme temperature range |
| | Battery status feedback of Good, Charge or Bad (Replace) |
| Light Source | High-powered LEDs |
| | Color-specific temperature corrected LED drivers provide consistent intensity under all operating conditions |
| Intensity | Greater than 10 cd intensity, steady-on |
| | 18 cd peak intensity, flashing, 12.5% duty cycle (red LEDs) |
| Flash Patterns | 256+ |
| Construction | Premium-grade, UV-resistant, polycarbonate/polysiloxane co-polymer body and lens material |
| | Double O-ring sealing with waterproof vent |
| Colors | Red, blue, yellow, green, white |
| | ICAO and SAE25050 (FAA) compliant chromaticity |
| Color Indicator | Yes, FAA Eng. Brief 67 compliant |
| Temperature | -45 to 124 °F (-43 to 51 °C) operating |
| | -45 to 176 °F (-43 to 80 °C) storage |
| Weight | 3.5 lbs (1.58 kg) |
| Wind Loading | 400 mph (180 m/s) |
| Automatic Light Control (ALC) | When enabled, automatically adjusts to low levels of sunlight to provide continuous operation |

ORDER OPTIONS

| Model | Output | Switch | Control |
|-------|---|--------------------------|-------------|
| OL4 | Red Blue Green White Yellow | Switched Non-Switched | None GPS |

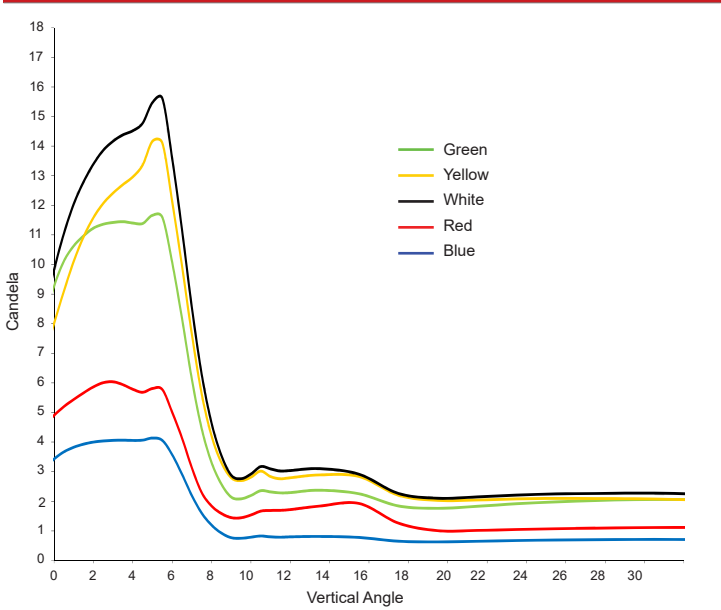
ACCESSORY ORDERING CODES

| | |
|--|--------------------------|
| Additional bird deterrent (1 ships with each light) | 57003 |
| Bottom cover replacement kit | 57392 (with switch) |
| | 57393 (without switch) |
| Battery replacement pack | 72835 |
| Battery charger (includes multiple ends for international use) | 59188 (100 - 240 VAC) |
| USB cable | 57394 |
| Device manager software | Contact Customer Support |
| Infrared programmer | 69899 |
| Magnetic mounting kit (3x magnets and hardware) | 76296 |

Additional accessories and mounting options available. For a complete list, consult our accessories specification sheet.



PHOTOMETRICS



TECHNICAL DRAWINGS AND DIMENSIONS

