OL4 Solar Warning Light

Applications
The OL4 is a high-performance 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 unrivalled by any other hazard marking or barricade light currently available.

- Dusk-to-dawn operation.
- Lightweight, self-contained.
- Sophisticated solar energy management.
- Intuitive on-board 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 five 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.

Designed and Tested to Tough Industrial Standards

User-friendly Design
On-board user interface, optional infrared remote 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**

**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 power LED, color-specific temperature corrected LED drivers provide consistent intensity under all operating conditions

**Intensity**
- Greater than 10 cd intensity, steady-on (see photometric plots)
- 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 ºF (-43 to 51 ºC) operating
- -45 to 176 ºF (-43 to 80 ºC) storage

**Weight**
- 3.5 lbs (1.58 kg)

**Wind Loading**
- 400 mph (180 m/s)

**Automatic Light Control (ALC)**
- When enabled, ALC will dynamically reduce brightness in response to unusually low amounts of sunlight to ensure continued operation.

**ORDER OPTIONS**

<table>
<thead>
<tr>
<th>MODEL ▼</th>
<th>OUTPUT ▼</th>
<th>SWITCH ▼</th>
<th>CONTROL ▼</th>
</tr>
</thead>
<tbody>
<tr>
<td>OL4</td>
<td>RED</td>
<td>SWITCHED</td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td>BLUE</td>
<td></td>
<td>GPS</td>
</tr>
<tr>
<td></td>
<td>GREEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>WHITE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>YELLOW</td>
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</tbody>
</table>

**ACCESSORY ORDERING CODES**

- Additional Bird Deterrent (1 ships with each light) 57003
- Bottom Cover Replacement Kit 57392 (With Switch)
- Battery Replacement Pack 72835
- Battery Charger (includes multiple ends for int'l use) 59188 (100 - 240 VAC)
- USB Cable 57394
- Device Manager Software Contact Customer Support
- Infrared Programmer 69899
- Magnetic Mounting Kit (3 x magnets and hardware) 76296

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

**PHOTOMETRICS**

**TECHNICAL DRAWINGS AND DIMENSIONS**

**SIDE VIEW**

**SWITCHED VIEW**

**CONTACT INFORMATION**

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Product specifications may be subject to change without prior notice. Verify current specifications when ordering. © Flight Light Inc. | 4/2/2018
### OL4 SERIES ACCESSORIES

#### MOUNTING

<table>
<thead>
<tr>
<th>REF.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2A</td>
<td>66699</td>
<td>Standard mounting plate (14” installed height)</td>
</tr>
<tr>
<td>2B</td>
<td>69752</td>
<td>Extended mounting plate (24” installed height)</td>
</tr>
<tr>
<td>3</td>
<td>65711</td>
<td>Frangible coupling, 1.5” pipe x 2 thread</td>
</tr>
<tr>
<td>3B</td>
<td>74239</td>
<td>OL4 mounting bracket</td>
</tr>
<tr>
<td>4</td>
<td>50144</td>
<td>Floor flange, 2” thread</td>
</tr>
<tr>
<td>-</td>
<td>61867</td>
<td>Magnetic mounting kit (3 x magnets) ideal for mounting on cranes</td>
</tr>
<tr>
<td>-</td>
<td>61876</td>
<td>Magnetic sign mounting kit</td>
</tr>
<tr>
<td>-</td>
<td>61869</td>
<td>Fence mounting kit with hardware</td>
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#### BATTERY & HARDWARE

<table>
<thead>
<tr>
<th>REF.</th>
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<tbody>
<tr>
<td>-</td>
<td>72835</td>
<td>Battery replacement kit</td>
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<tr>
<td>1A</td>
<td>38334</td>
<td>Bolt kit (1/4-20 UNC x 1.5” long x3)</td>
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<tr>
<td>5</td>
<td>46397</td>
<td>Wedge anchor bolt kit (3/8” x 3.75” long x4)</td>
</tr>
<tr>
<td>1B</td>
<td>56578</td>
<td>Security bolt kit (1/4-20 UNC x 1.5” long x3) driver or socket not included</td>
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#### TOOLS

<table>
<thead>
<tr>
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<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>6</td>
<td>69899</td>
<td>IR programmer, slim</td>
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<tr>
<td>-</td>
<td>S3284</td>
<td>Security bolt kit driver</td>
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<tr>
<td>-</td>
<td>S3285</td>
<td>Security bolt kit socket</td>
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<tr>
<td>-</td>
<td>S9198</td>
<td>Bottom cover tool</td>
</tr>
<tr>
<td>-</td>
<td>S7394</td>
<td>USB harness for device manager</td>
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