CAMRAY™
Illuminating the Dark
Decorating the Day
The Camray™ Series is multi-functional and is offered in a variety of configurations for indoor and outdoor applications. All models have dual input voltage (120/277 VAC).

Camray™ Series is the newest addition to the Lightalarms Architectural offering. With this self-powered battery or remote fixture, we are bridging the gap between function and design.

Camray™ series is appropriate for both indoor and outdoor applications. Its durable body and UV resistant lens can withstand the wear and tear of Mother Nature, while its slim lines make it an aesthetically pleasing architectural fixture for interior applications.

**FEATURES**

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**CAM Remote head:**
Ideal for wet and cold locations.
Operating temperature range: –40 °C to +60 °C (–40°F to +140°F).

**CAML Standard interior package***:
Cost efficient solution equipped with Lead-Calcium battery.
UL listed for operating temperature range: +20 °C to +30 °C (+68°F to +86°F).

**CAMN Exterior package***:
Perfect solution for cold and wet exterior applications, equipped with NiMH** battery.
UL listed for operating temperature range: –20 °C to +40 °C (–4°F to +104°F).

**CAMN2 High output package**:
Ideal for applications where the photometrical performance of the 10W Xenon lamp is required. Equipped with NiMH** battery.
UL listed for operating temperature range: +20 °C to +30 °C (+68°F to +86°F).

*CAML & CAMN packages available with 6W lamps only.
**Nickel Metal Hydride: State-of-the-art battery technology; lead-free and cadmium-free.
Available in four highly durable textured polyester powder coat finishes. Note: Due to limitations in the painting process, the colors shown may differ slightly from the actual paint color.
Photometrics
Photometric data based on minimum 80-50-20 reflectance values.

3D image showing installation of four Camray™ units in an interior application under:

Normal lighting conditions. Emergency lighting conditions.

3D light level colored scale image showing egress illumination pattern generated by four Camray™ units.

Note: Photometric results shown are based on a simulation using the AGI32 software with a 1 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum ratio. Lightalarms assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not a guarantee of any code compliances.

Ordering Information

### Battery Unit

<table>
<thead>
<tr>
<th>Series</th>
<th>Lamp Wattage</th>
<th>Color</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CAML</strong> 6V-12W, lead-Calcium battery +20°C to +30°C (+68°F to +86 °F) std charger, Only available indoor in 6V-6W lamps</td>
<td>/LX6 = 6V 6W Xenon lamps /LX10 = 6V 10W* Xenon lamps</td>
<td>-OW = Off white -B = Black -DB = Dark bronze -PG = Platinum grey</td>
<td>T1 = 5 min time delay T2 = 10 min time delay T3 = 15 min time delay</td>
</tr>
<tr>
<td><strong>CAMN</strong> 6V-12W, Nickel Metal Hydride battery -20°C to +40°C (-4°F to +104°F) Only available indoors in 6V-6W lamps standard with IDNA*</td>
<td>Only available in CAMN2. Other colors available at a premium. Consult the factory.</td>
<td></td>
<td>Note: time-delay available only with IDNA</td>
</tr>
<tr>
<td><strong>CAMN2</strong> 6V - 20W, Nickel Metal Hydride battery +20°C to +30°C (+68°F to +86°F) Only available indoors with 6V-10W standard with IDNA*</td>
<td>-OW = Off white -B = Black -DB = Dark bronze -PG = Platinum grey</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* IDNA: Improved Diagnostic, non audible, will self test the unit for 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually.

### Remote Unit

<table>
<thead>
<tr>
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<th>Color</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CAM</strong> remote fixture -40°C to +60°C (-40°F to +140°F)</td>
<td>/LX6 = 6W, Xenon lamps /LX10 = 10W, Xenon lamps</td>
<td>-OW = Off white -B = Black -DB = Dark bronze -PG = Platinum grey</td>
<td><strong>E</strong> = 6V <strong>12</strong> = 12V</td>
</tr>
</tbody>
</table>

Other colors available at a premium. Consult the factory.

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