An Economical LED Solution for Roadways

The Caretaker™ LED roadway luminaire combines high performance, low maintenance and easy installation in a simple, extremely economical package. Designed for years of worry-free operation, the Caretaker luminaire is ideal for municipal streetlighting retrofits requiring superior optical performance and fast payback on capital.

Construction
- Hinged removable power door for easy maintenance.
  Optional tool-less entry available
- LED driver mounted directly to removable door
- Fully compatible with ANSI/NEMA open-bottom refractor
- IP66 rated LED module
- UL wet location rated housing
- Rugged, die-cast aluminum construction
- NEMA photocontrol receptacle
- Two-bolt mounting for 1-1/4" to 2" standard pipe
  (1-5/8" to 2-3/8" O.D.)

Performance and Electrical
- -40°C to 40°C ambient operating temperatures
- 6kV/3kA IEEE 62.41 Class C low surge protection with
  10kV/10kA Class C high surge protection available
- L86 36,000 hours at 25°C, compliant with IESNA TM-21
- 120V/60Hz operation

Warranty
- Five-year warranty

Innovation you can rely on™

Hinged Removable Power Door
Driver is mounted to the door. Power door hangs securely and can be easily removed. A 6kV/3kA surge protection is integral to driver.

Quick Disconnects
Connections between power door and housing are made with tool-less quick disconnects.

Optional Surge Protection
Optional UL 1449 Listed 10kV/10kA surge protective device protects against common (line-to-ground) and differential (line-to-line) mode surges.
## Ordering Information

**Sample Number:** CRTK-R-A08-E-120-5-SR-A

<table>
<thead>
<tr>
<th>Product Family</th>
<th>Lumen Package</th>
<th>Driver</th>
<th>Voltage</th>
<th>Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRTK-R - Caretaker Roadway Luminaire</td>
<td>A08=8 LEDs</td>
<td>E=Non-Dimming</td>
<td>120-120V</td>
<td>2-Type II</td>
</tr>
<tr>
<td></td>
<td>A12=12 LEDs</td>
<td></td>
<td></td>
<td>5-Type V</td>
</tr>
</tbody>
</table>

### Options (Add as Suffix)

- **S**=Shorting Cap
- **$**=120V NEMA Photocontrol Included
- **10K**=10kV UL 1449 Surge Protection Device
- **UL**=UL/CSA Listed

### Technical Data (Electronic LED Driver)

- **EPA Effective Projected Area (Square Feet):** 0.67
- **Shipping Data (Approximate Net Weight):** 8.0 lbs. (3.6 kgs.)

### Compliance

- UL and cUL Wet Location Listed
- IP66 Rated LED Module
- 3G Vibration Rated
- ARRA Compliant
- DesignLights Consortium® Qualified

### Dimensions

**Optional Wood Pole Pipe Arm**

18", 24" or 30" Pipe Arm

<table>
<thead>
<tr>
<th>9-1/2&quot;</th>
<th>10-5/8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>18&quot;, 24&quot; or 30&quot; Arm Length</td>
<td>18&quot;, 24&quot; or 30&quot; Pipe Arm</td>
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</table>

### Additional Information

<table>
<thead>
<tr>
<th>Compliances</th>
<th>Technical Data (Electronic LED Driver)</th>
<th>EPA Effective Projected Area (Square Feet)</th>
<th>Shipping Data (Approximate Net Weight)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL and cUL Wet Location Listed</td>
<td>&gt;0.9 Power Factor</td>
<td>0.67</td>
<td>8.0 lbs. (3.6 kgs.)</td>
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<tr>
<td>IP66 Rated LED Module</td>
<td>&lt;20% Total Harmonic Distortion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3G Vibration Rated</td>
<td>120V 50/60Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARRA Compliant</td>
<td>&gt;40°C Minimum Ambient Temperature Rating</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DesignLights Consortium® Qualified</td>
<td>&gt;25°C Maximum Ambient Temperature Rating</td>
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<td></td>
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</tbody>
</table>

### Power and Lumens

#### Lumen Maintenance (8 LEDs)

<table>
<thead>
<tr>
<th>Ambient Temperature</th>
<th>TM-21 Lumen Maintenance (36,000 Hours)</th>
<th>Theoretical L70 (Hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25°C</td>
<td>&gt; 86%</td>
<td>87,000</td>
</tr>
<tr>
<td>40°C</td>
<td>&gt; 84%</td>
<td>72,000</td>
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</tbody>
</table>

#### Lumen Maintenance (12 LEDs)

<table>
<thead>
<tr>
<th>Ambient Temperature</th>
<th>TM-21 Lumen Maintenance (36,000 Hours)</th>
<th>Theoretical L70 (Hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25°C</td>
<td>&gt; 83%</td>
<td>69,000</td>
</tr>
<tr>
<td>40°C*</td>
<td>&gt; 82%</td>
<td>66,000</td>
</tr>
</tbody>
</table>

* Painted only.

### Notes

1. 12 LEDs not available in Type II distribution.
2. Paint required for 12 LEDs at 40°C ambient. Maximum ambient temperature for 12 LEDs unainted is 25°C.
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Invue
Lumière
Streetworks
AtLite
Sure-Lites

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Fifth Light Technology
iLight (International Only)