SP-7 is the first solar LED bollard to incorporate motion sensor offering unparalleled brightness and extended operational period. Dimming mode is set at 1/3 brightness and lights to 100% brightness for 1 minute when motion sensor is triggered. The low profile design makes it ideal for applications such as university campuses, museums, shopping malls, airports, etc.

**General**
- **Housing:** Extruded aluminum
- **Finish:** Black, Grey, Platinum silver
- **Mounting:** Embedded, Surface mounted (please refer to installation guide)
- **Anchorage:** Anchor base with stainless steel anti-theft screws

**Operational**
- **Average Sunlight Exposure:** 2~3 Hours(sunny) to 5~8 hours (overcast or rainy) to Maintain Function*
- **Average Operation Time:** Minimum 12 hours
- **Solar Deprivation Limit:** 5 days*
- **Switch:** Auto photo sensor
- **On/Off Level:** 1.5 / 3 footcandle
- **Temperature Range:** -40º F to 176º F
- **Distribution:** Narrow or Wide
- **Weight:** 22 lbs (SP-7) / 15.5 lbs (SP-7s)

*To maintain function, unit requires 3~4 hours (sunny) to 5~8 hours (overcast/rainy) of UV exposure. Extra charge will be stored for next day use. Fully charged, the unit can last 3-4 rainy days.

**Solar LED Specification**
- **Solar Panel:** Crystalline silicon
- **Lifespan of Solar Panel:** 20 yrs
- **LED Brand:** Nichia
- **Available LED colors:** White(5700K), Neutral White(4000K), Warm White(3000K), Amber
- **LED Rated Life:** > 60,000 Hours (L70)
- **Power Storage:** Panasonic industrial battery pack (Lifespan: 4-6 years)

**Warranty**
3 year limited warranty. See www.meteor-lighting.com for details.

**Distribution**
- **Narrow**
- **Wide**

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*METEOR LIGHTING reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.*
How To Specify
Ordering Example: SP7-AMB-BLK-NR-AKE-1S

<table>
<thead>
<tr>
<th>Model</th>
<th>CCT</th>
<th>Finish</th>
<th>Distribution</th>
<th>Anchorage</th>
<th>Optional</th>
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<td>SP7</td>
<td>30K</td>
<td>BLK (Black)</td>
<td>NR (Narrow)</td>
<td>AKE (Embedded)</td>
<td>1S (1 Sensor)</td>
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<td>40K</td>
<td>GRY (Gray)</td>
<td>WD (Wide)</td>
<td>AKS (Surface Mounted)</td>
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<td>57K</td>
<td>PTS (Platinum silver)</td>
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<tr>
<td>SP7s</td>
<td>57K</td>
<td>AMB (Amber)</td>
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</tbody>
</table>

Motion Sensor Detection type
SP-7 Smart Solar Illuminating Bollard incorporates the latest infrared motion sensor. The high performance motion sensor detects abrupt changes in temperature within a 16.5ft radius. Movement within designated radius is necessary to trigger sensor to turn on.

Dimensions
![SP-7 Dimensions Diagram](image)

![SP-7s Dimensions Diagram](image)