The revolutionary solar bollards incorporate advanced microcontroller and motion sensor for functional cost saving illumination. Ideal applications include university campuses, airports, museums, and public spaces as it provides security while accentuating landscapes.

**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 (extra stored power will carry over to next day)
- **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:** 44.1 lbs (SP-018) / 33.1 lbs (SP-018s)

*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](http://www.meteor-lighting.com) for details.

**Distribution**

```
Narrow

Wide
```
How To Specify
Ordering Example: SP018-30K-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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<tbody>
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<td>30K</td>
<td>BLK</td>
<td>NR</td>
<td>AKE</td>
<td>1S</td>
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<td>40K</td>
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Motion Sensor Detection type
SP-018 Smart Solar Illuminating Bollard incorporates the latest infrared motion sensor. Dimming mode is set at 1/3 brightness and lights to 100% brightness for 1 minute when motion sensor is triggered. 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.