



# SP-018/SP-018s Smart Illuminating Bollard

Motion Sensor / No Wiring



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.



Quantity
Project
Note
Type

### General

Housing:	Extruded aluminum (low copper material)
Finish:	Black, Bronze, Platinum silver
Mounting:	Embedded, Surface mounted
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:	-40° F to 176° F
Distribution:	Narrow or Wide

\*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.

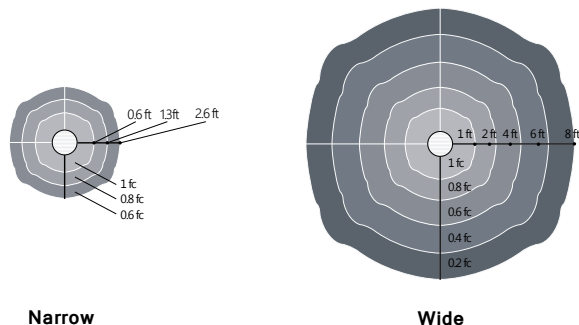
### Solar LED Specification

Solar Panel:	Crystalline silicon
Lifespan of Solar Panel:	20 yrs
LED Brand:	CREE XP
Available LED colors:	White (5700K), Neutral White (4000K), Warm White (3000K)
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.

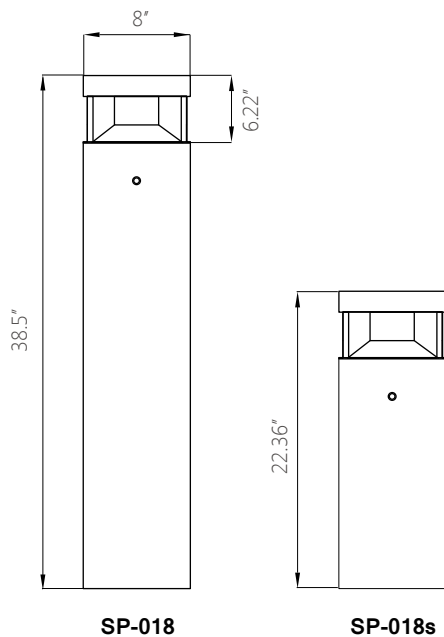
### Distribution



### How To Specify

**Ordering Example: SP018-30K-1SR-NR-BLK-AKE**

Model	LED Color	Dimming	Distribution	Finish	Anchorage
<div style="border: 1px solid black; width: 60px; height: 25px; margin-bottom: 5px;"></div> <b>SP018</b> <b>SP018s</b>	<div style="border: 1px solid black; width: 60px; height: 25px; margin-bottom: 5px;"></div> <b>30K</b> 3000K <b>40K</b> 4000K <b>57K</b> 5700K	<div style="border: 1px solid black; width: 60px; height: 25px; margin-bottom: 5px;"></div> <b>1SR</b> 1 Sensor <b>4SR</b> 4 Sensor <b>NSR</b> No Sensor	<div style="border: 1px solid black; width: 60px; height: 25px; margin-bottom: 5px;"></div> <b>NR</b>  Narrow <b>WD</b>  Wide	<div style="border: 1px solid black; width: 60px; height: 25px; margin-bottom: 5px;"></div> <b>BLK</b> Black <b>BRZ</b> Bronze <b>PTS</b> Platinum Silver	<div style="border: 1px solid black; width: 60px; height: 25px; margin-bottom: 5px;"></div> <b>AKE</b> (Embedded) <b>AKS</b> (Surface Mounted)



### 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.

