

ADVANCED HIGH CEILING

# 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  
 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: -40° F to 176° 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.

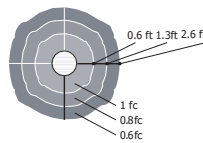
**Solar LED Specification**

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: 8-10 years)

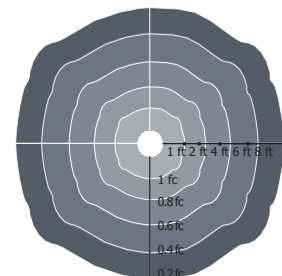
**Warranty**

3 year limited warranty. See [www.meteor-lighting.com](http://www.meteor-lighting.com) for details.

**Distribution**



Narrow



Wide



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## How To Specify

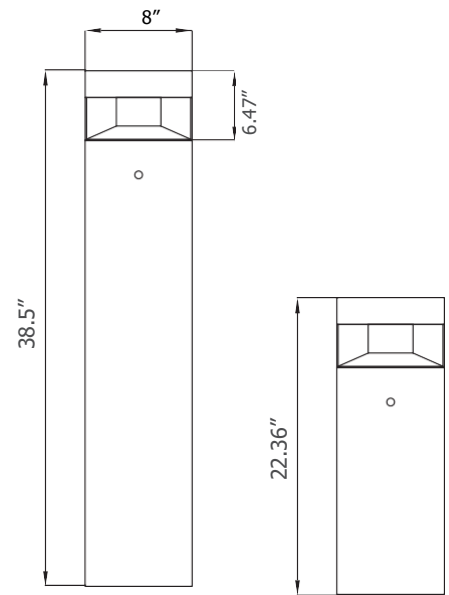
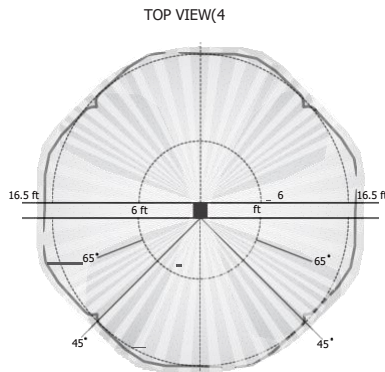
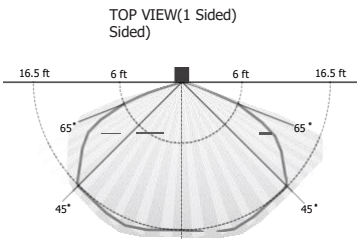
**Ordering Example: SP018-30K-BLK-NR-AKE-1S**

| Model  | CCT  | Finish  | Distribution       | Anchorage                    | Optional             |
|--------|--|---|--------------------|------------------------------|----------------------|
| SP018  | <b>30K</b> (3000K)   | <b>BLK</b> (Black)                                | <b>NR</b> (Narrow) | <b>AKE</b> (Embedded)        | <b>1S</b> (1 Sensor) |
| SP018s | <b>40K</b> (4000K)<br><b>57K</b> (5700K)<br><b>AMB</b> (Amber) | <b>GRY</b> (Gray)<br><b>PTS</b> (Platinum silver) | <b>WD</b> (Wide)   | <b>AKS</b> (Surface Mounted) | <b>4S</b> (4 Sensor) |

### 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.

### Dimensions



SP-018

SP-018s