

ADVANCED HIGH CEILING

# SP-7/SP-7s - Smart Illuminating Bollard

Motion Sensor / No Wiring



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.



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

\*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.

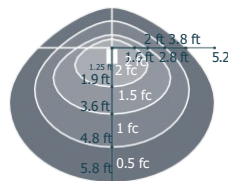
**Solar LED Specification**

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)

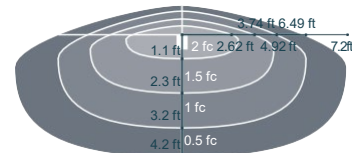
**Warranty**

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

**Distribution**



Narrow



Wide



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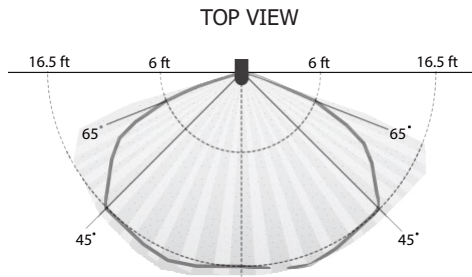
## How To Specify

**Ordering Example: SP7-AMB-BLK-NR-AKE-1S**

Model	CCT	Finish	Distribution	Anchorage	Optional
SP7	<b>30K</b> (3000K)	<b>BLK</b> (Black)	<b>NR</b> (Narrow)	<b>AKE</b> (Embedded)	<b>1S</b> (1 Sensor)
SP7s	<b>40K</b> (4000K)	GRY (Gray)	<b>WD</b> (Wide)	<b>AKS</b> (Surface Mounted)	
	<b>57K</b> (5700K)	PTS (Platinum silver)			
	<b>AMB</b> (Amber)				
			 Narrow  Wide		

### 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

