

## ADVANCED HIGH CEILING

**SP-8/SP-8s - Smart Illuminating Bollard**

Motion Sensor / No Wiring

**METEOR**

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 Information**

Housing:	Extruded aluminum
Finish:	Black, Grey, Platinum silver
Mounting:	Embedded or Surface mounted
Anchorage:	Anchor base with stainless steel anti-theft screws

**Technical Information**

Sunlight Exposure:	2 to 3 Hours (sunny conditions), or 5 to 8 hours (overcast or rainy)
Average Operation Time:	Minimum 12 hours (extra stored power will carry over to next day)
Solar Deprivation Limit:	5 days. At full charge, unit can last 3 to 4 rainy days
Switch:	Automatic Photocell Sensor. Dimming mode is set at 33% brightness and lights to 100% brightness for 1 minute when motion sensor is activated.
Controls:	Meteor Solar Controller System 5V 2A
On/Off Level:	1.5 / 3 footcandles
Operating Temperature:	-40° F to 140F
Distribution:	Narrow or Wide optics
Weight:	55.1 lbs (SP-8) / 33.1 lbs (SP-8s)

**Solar LED Specification**

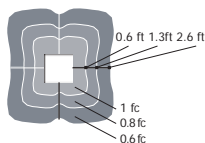
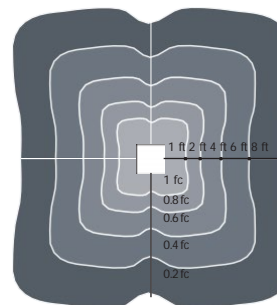
Solar Panel:	High-efficiency crystalline silicon [1 x 8W]
Lifespan of Solar Panel:	20 yrs
LED Brand:	Nichia
Available LED colors:	3000K, 4000K, 5700K, Amber
LED Rated Life:	> 60,000 Hours (L70)
Power Storage:	Panasonic Eneloop battery 6Ah. 3.6Vdc (Lifespan: 8 - 10 years)

**Performance Summary**

Power:	0.62W
Delivered Lumens:	71.4lm
Efficacy:	111 lm/W
Drive Current:	125mA Constant Current

**Warranty**

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

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

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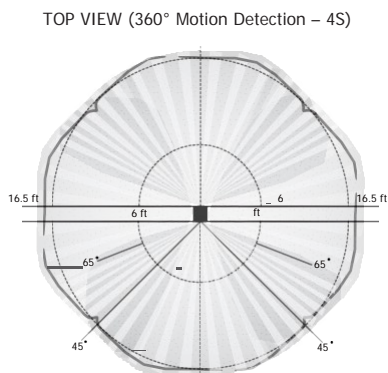
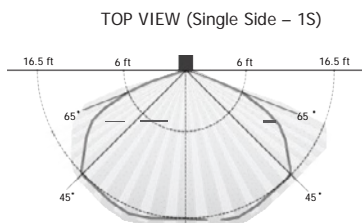
Motion Sensor / No Wiring

**How To Specify****Ordering Example: SP8-30K-BLK-NR-AKE-1S**

Model	CCT		Finish		Distribution		Anchorage		Options
SP8	<b>30K</b>	(3000K)	<b>BLK</b>	(Black)	<b>NR</b>	(Narrow)	<b>AKE</b>	(Embedded)	<b>1S</b> (1 Sensor)
SP8s	<b>40K</b>	(4000K)	<b>GRY</b>	(Gray)	<b>WD</b>	(Wide)	<b>AKS</b>	(Surface Mounted)	<b>4S</b> (4 Sensor)
	<b>57K</b>	(5700K)	<b>PTS</b>	(Platinum silver)					
	<b>AMB</b>	(Amber)							

**Motion Sensor Detection**

SP-8 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**