

ADVANCED HIGH CEILING

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

Motion Sensor / No Wiring

METEOR



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 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 140° F
Distribution:	Narrow or Wide optics
Weight:	22 lbs (SP-7) / 15.5 lbs (SP-7s)

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)

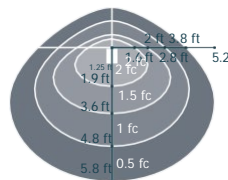
Performance Summary

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

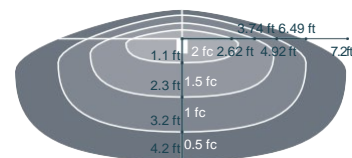
Warranty

3-year limited warranty. See www.meteor-lighting.com for details.

Distribution



Narrow





Wide

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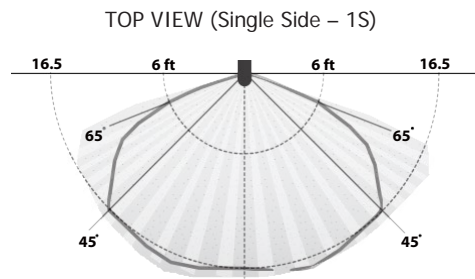
How To Specify

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

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

Motion Sensor Detection

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

