

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 and Platinum silver
 Mounting: Embedded, Surface mounted

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 2~3 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 5 rainy days.

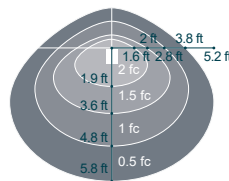
Solar LED Specification

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), and Amber
 LED Rated Life: > 60,000 Hours (L70)
 Power Storage: Panasonic industrial battery pack (Lifespan: 4-5 years)

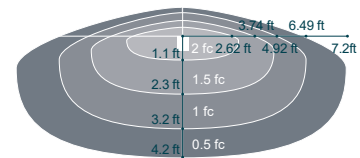
Warranty

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

Distribution





Narrow

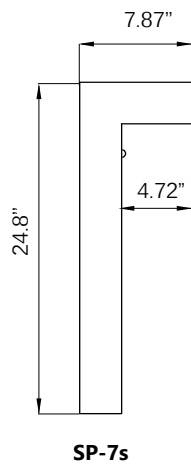
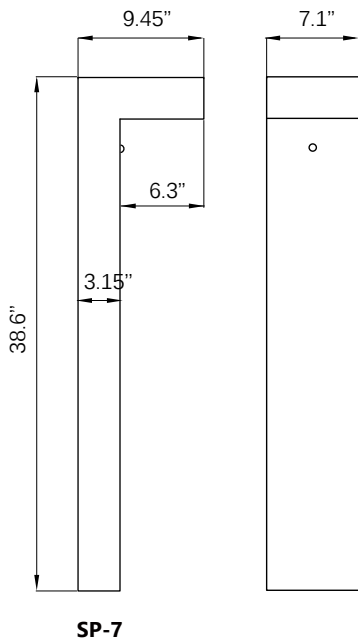


Wide

How To Specify

Ordering Example: SP7-30K-1SR-WD-BLK-AKE

Model	LED Color	Dimming	Distribution	Finish	Anchorage
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
SP7	30K 3000K	1SR 1 Sensor	NR  Narrow	BLK Black	AKE Embedded
SP7s	40K 4000K			GRY Grey	AKS Surface Mounted
	57K 5700K		WD  Wide	PTS Platinum Silver	
	AMB Amber				



Motion Sensor Detection type

SP-7 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.

