

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.

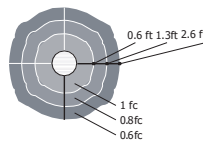
Solar LED Specification

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)

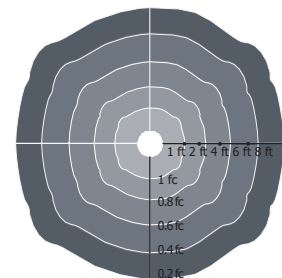
Warranty

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

Distribution



Narrow



Wide



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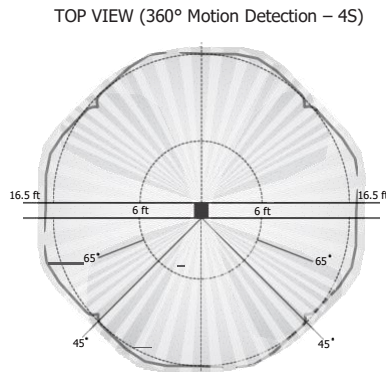
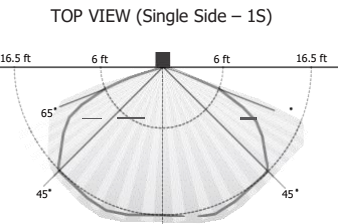
How To Specify

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

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

Motion Sensor Detection

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

