Specification

ADVANCED HIGH CEILING

SP-8/SP-8s - 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.

General
Housing: Extruded aluminum (low copper material)
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: -40º F to 176º F
Distribution: Narrow or Wide
Weight: 55.1 lbs (SP-8) / 33.1 lbs (SP-8s)
*To maintain function, unit requires 3~4 hours (sunny) to 5~8 hours (overcast/rainy) of UV exposure. Extra charge will restored 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 for details.

Distribution

Narrow

Wide
**How To Specify**

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

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**Motion Sensor Detection type**

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**

- **SP-8**
  - Top View (1 Sided):
    - 16.5 ft
    - 6 ft
    - 6 ft
    - 16.5 ft
  - Top View (4 Sided):
    - 22.5 ft
    - 6.47"
  - 33.75"