

2SPBL2 Architectural Solar LEDBollard



The 2SBL2 solar powered LED bollard is an architectural independent lighting solution ideally for various applications such as parks, pathways, bike lanes, remote areas, golf courses, beach resorts, marinas, residential areas and landscape lighting projects.

The architectural patented design in combination with a robust high LED lighting output in a high-grade construction makes it your ideal choice for all your self-contained lighting projects.

2SPBL2 works completely without wiring and gets its power from the sun, using a special energy storage system, which requires no replacement of batteries for several years.

Energy storage and usage is controlled by a unique built-in self-decise software algorithm. Cloudy days or shaded areas, the intelligent energy saving 2SPBL2 always provides perfect lighting conditions.



Technical Specifications

| | |
|------------------------------|---|
| Solar Power | 3.5W |
| Battery Capacity | 6.4V/4.5Ah |
| Battery Type | LifePO4 Battery, more than 2000 cycles. |
| Power of Lamp | 1.2W |
| Pole Height (Light Included) | 31.49in |
| Rainy/Cloudy Days | 3-5 Days |
| Working Temperature | -4°F- 131°F |

LED and Optics

| | |
|---------------------|-------------------------------------|
| Lighting Technology | ELED chip, 110lm/w, Beam angle 120° |
| Life span | 50.000 Hours |
| CCT | 3000K warm color; 5000K white color |

Solar Module

| | |
|--|-----------------------------|
| | Monocrystalline solar panel |
| | 3.5 Watt power |
| | High class mono cells |

Intelligent Controls

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|--|---------------------------------|
| | Can be programmed with a remote |
|--|---------------------------------|

Work Time

| | |
|--|--|
| | Dusk To Dawn with 12 hours back up (Depends on solar radiation) |
|--|--|



Materials

| | |
|------|-------------------------|
| Body | Anodized aluminum alloy |
| | Eco design |

Uses and Applications Guide

| | |
|-------------------|---|
| Residential areas | ● |
| Parks | ● |
| Boardwalks | ● |
| Resorts | ● |
| Marinas | ● |
| Gardens | ● |
| Landscaping | ● |
| Walking paths | ● |
| Bike paths | ● |
| Golf courses | ● |

ORDERING GUIDE

| Series | LED Color | Dimming | Distribution | Finish | Height | Install options |
|--------|--|-------------------------|--|---|--------|-----------------|
| 2SPBL2 | 30K- 3,000K 40K- 4,000K 50K- 5,000K AMB-Amber | 1 no Sensor 2 Sensor | NR  WD  Wide | BLK- Black (Standard) BRZ- Bronze WH-White *Other colors available- MOQ-25pcs | 31.49" | SC-Screws |

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