

# Architectural Solar LED Bollard

## 2SPBL19- Specifications



## Why us?

### **Innovative Technology**

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

### **Photometric**

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

### **Versatile Lighting**

We design and install solar-powered lighting systems tailored for all kinds of locations such as streets, parks, pathways, homes, etc.

### **Global Reach**

Worldwide success proves our adaptability and regulatory expertise.

### **Sustainable Savings**

These solutions enhance safety, promote sustainability and providing significant energy and cost saving.

### **Warranty**

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



The 2SPBL19 solar bollard light 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.

2SPBL19 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-decisive software algorithm.

Cloudy days or shaded areas, the intelligent energy saving 2SPBL19 always provides perfect lighting conditions.

### Technical specification

|                              |                                         |
|------------------------------|-----------------------------------------|
| Solar power                  | 40W                                     |
| Battery capacity             | 12VDC/18AH                              |
| Battery type                 | LifePO4 Battery, more than 2000 cycles. |
| Power of Lamp                | Up to 6W(Up to 528lm)                   |
| Pole height (Light included) | 39in                                    |
| Rainy/Cloudy days            | 3-5 Days                                |
| Working temperature          | 5°F- 158°F                              |

### LED and optics

|           |              |
|-----------|--------------|
| Life span | 50,000 hours |
| CCT       | 3000K-6000K  |

### Solar module

|  |                             |
|--|-----------------------------|
|  | Monocrystalline solar panel |
|  | 40 watt power               |
|  | High class mono cells       |

### Intelligent Controls

### Working time

|  |                                              |
|--|----------------------------------------------|
|  | Dusk to dawn<br>(Depends on solar radiation) |
|--|----------------------------------------------|

### Metrials

|           |                                                          |
|-----------|----------------------------------------------------------|
| Body      | Aluminum die casting housing<br>Extruded aluminum column |
| IP Rating | IP65                                                     |

## ARCHITECTURAL SOLAR LED BOLLARD

| USES AND APPLICATIONS GUIDE |   |
|-----------------------------|---|
| Residential areas           | V |
| Parks                       | V |
| Boardwalks                  | V |
| Resorts                     | V |
| Marinas                     | V |
| Gardens                     | V |
| Landscaping                 | V |
| Walking paths               | V |
| Golf courses                | V |
| Bike paths                  | V |

## 2SPBL19- ARCHITECTURAL SOLAR LED BOLLARD

### ORDERING GUIDE

| SERIES  | SOLAR PANEL | BOLLARD QTY    | LED COLOR                                                | DISTRIBUTION TYPE                                     | FINISH                                   | HEIGHT                              | INSTALL OPTION   |
|---------|-------------|----------------|----------------------------------------------------------|-------------------------------------------------------|------------------------------------------|-------------------------------------|------------------|
| 2SPBL19 | 40W         | 2W<br>4W<br>6W | 30K- 3,000K<br>40K- 4,000K<br>50K- 5,000K<br>60K- 6,000K | 2- Type III<br>3- Type III<br>4- Type IV<br>5- Type V | BLK- BLACK<br>*Other colors<br>available | 39"<br>*Customized up<br>on request | AB- Anchor bolts |

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