

# HIGHLIGHT SP-SDGL 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 provide significant energy and cost savings.

### **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 SolarPath HIGHLIGHT SP-SDGL™ is the most advanced and sophisticated solar light pole available on the market. The solar light pole is completely off-grid and works autonomously, using sustainable solar power. This means there is no need for expensive cabling and invasive trenching, which results in fast installation, easy operation and a low total cost of ownership. Solar energy generated during the day is stored in high-quality lithium batteries, which are long-lasting and require minimum maintenance. The highly efficient LED-luminaire provides powerful lighting at night.

## Technical specification

|                                                              |                                                                         |                             |
|--------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|
| <b>Solar Module Parameters</b>                               | Type                                                                    | Monocrystalline solar panel |
|                                                              | Power                                                                   | 32W                         |
| <b>Solar Charge Controller</b>                               | MPPT (Maximum Power Point Tracking), infrared solar charging controller |                             |
| <b>Battery</b>                                               | LifePO4                                                                 | 45AH                        |
| <b>LED Light Parameters</b>                                  | Light Source Power                                                      | 20W (Up to 2,200 lm)        |
|                                                              | CCT (Correlated color temperature)                                      | 3,000K/6,000K               |
| <b>Operation profile</b>                                     | Dusk to dawn (dim per to solar radiation)                               |                             |
| <b>IP Rating</b>                                             | IP65                                                                    |                             |
| <b>LED head material</b>                                     | Die-casting aluminum Led Light head + PC                                |                             |
| <b>Pole height<br/>(Recommended)<br/>(pole not included)</b> | Up to 16 FT                                                             |                             |

## SOLAR STREET LIGHT

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### USES AND APPLICATIONS GUIDE

Branch roads

Residential Roads

Public Parks

Walking/bike path

Street Lighting

## ORDERING GUIDE

Ordering Guide: EXAMPLE: SP-SDGL-25W-15W-30K-36AH-13FT-BLK

| Model   | Solar panel | LED Power | Color Temperature | Battery capacity | Pole height | Body color |
|---------|-------------|-----------|-------------------|------------------|-------------|------------|
| SP-SDGL | 25W         | 15W       | 30K               | 36AH             | 13FT        | BLK-Black  |
|         |             |           | 60K               |                  | 16FT        | WH-White   |

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