

LIGHTMARK S2X

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 Lightning

We designs and install solar-powered lightning systems tailored for all kind 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.



Mark S2X is the revolutionary surface-level installed model of the LightMark series.

LightMark S2X is built for uni-directional or bi-directional lane delineation and is installed at surface-level as opposed to conventional above surface pavement markers. The hologram design of the unit's illumination surface ensures that the light projects at an elevated angle which is visible at long distances (3,300ft. / 1000m) as if it was installed above surface.

Combined with passive retroreflectors the LightMark S2X provides the ultimate solution for night time guidance and demarcation all year round.



Technical Specifications

| Technology and Operation | |
|----------------------------|--|
| Solar panel type | Mono-Crystalline |
| Illumination technology | 3 / 6 Ultra-bright Chip LED |
| Energy storage | Ultra-Capacitor |
| Charging time | 3 Hours (sunny) to 8 hours (cloudy or rainy) |
| Temperature range | -40F to +284F / -40C to +140C |
| Water resistance | IP 68 |
| On/Of level | 150 lux / 370 lux |
| Operation per charge cycle | Up to 16 hours |
| Warranty | 1 year |
| Illumination Properties | |
| Available lash patterns | Steady, Slow Flashing, Fast Flashing |
| Available colors | White, Blue, Red, Green, Amber |
| Light visibility distance | Up to 3,300 feet / 1km (varies according to weather conditions) |
| Material and Design | |
| Top cover | UV-treated Polycarbonate |
| Body | Aluminum |
| Compressive strength | 1,000kg/cm (2,204lbs/inch) |
| Dimensions- Body | Φ5.8" x H 1.9" / Φ148mm x H 50mm |
| Weight | 2.2lbs / 1kg |

*Illuminance(cd/m) measurement: The luminance points on the lighting area are measured an averaged.

*Uniformity is obtained by dividing minimum luminance by maximum luminance from 5 point measurements.

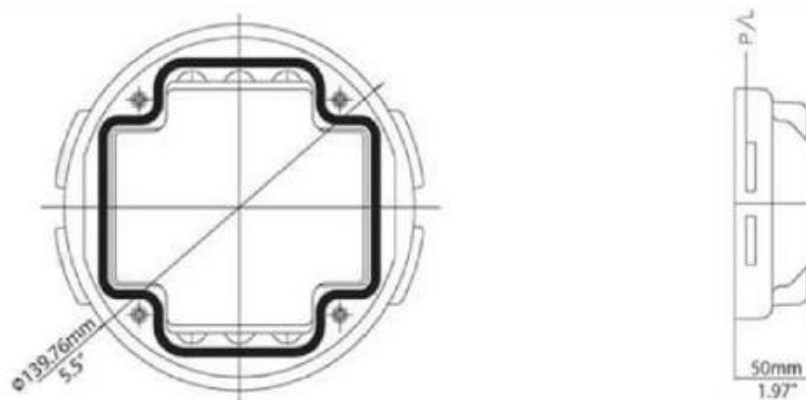
Advantages of surface-level

- More wear and tear resistant and lasts longer than above ground devices.
- Designed to withstand the weight load of heavy trucks and trailers.
- Snow-plow resistant.
- Safer for light vehicle such as motorcycles which are very vulnerable to uneven road surfaces (especially at high speeds).
- Vandal resistant.

SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

| | |
|--------------------|--|
| Driveways | |
| Landscaping | |
| Pool decks | |
| Pool bottoms | |
| Patios | |
| Fountains | |
| Walkways | |
| Boardwalks | |
| Building exteriors | |
| Stairways | |
| Pavers | |



ORDERING GUIDE

Ordering Guide: EXAMPLE: LIGHTMARK S2X-0-XX-X

| Model | Flashing Pattern | LED Color | LED Configurations |
|---------------|---|--|--|
| LIGHTMARK S2X | 0 – Steady 1 – Flash 60 2 – Flash 120 | x – LEDS side 1 y – LEDS side 2 A – Amber W – White B – Blue R – Red G – Green N – None (for one-side units) | X – No. of LEDS on side 1 Y – No. of LEDS on side 2 |

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