

LIGHTMARK S20

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

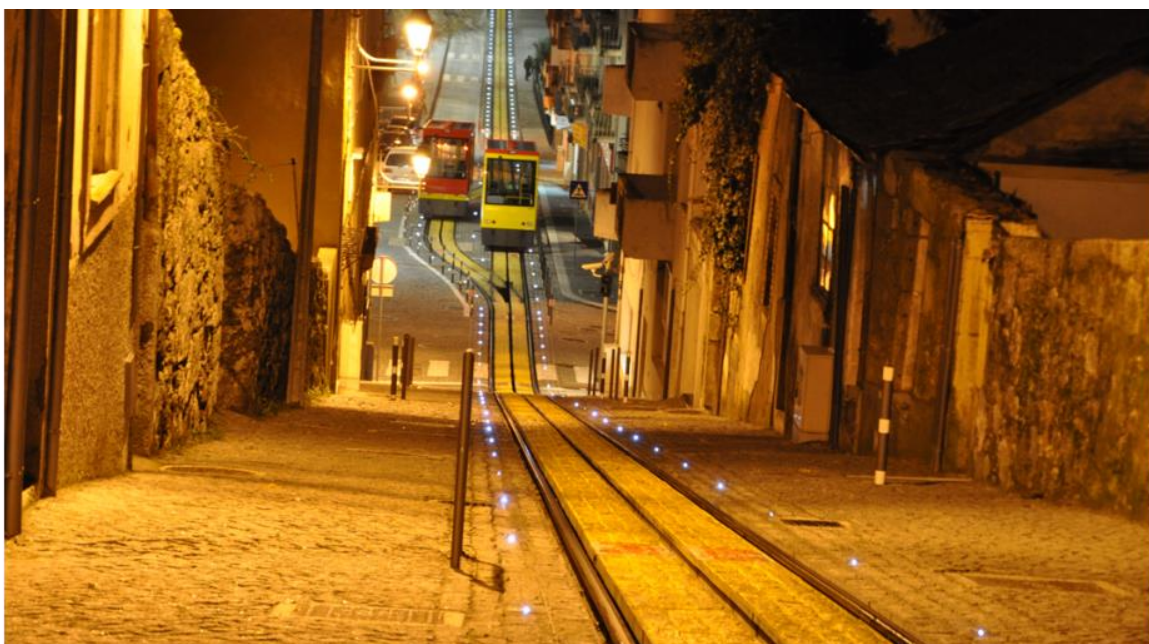
SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



LightMark S20 is a low surface profile model of the LightMark series, designed for unidirectional or bi-directional lane delineation.

LightMark S20's special dome shape allows it to be well integrated with the road surface resulting in minimal wear and tear and a high level of safety.

LightMark S20 is extremely durable and rigid and is available in a variety of LED colors and lighting configurations. The brushed-metal or smooth chrome finishes enhance design possibilities for any installation environment.



Technical Specifications

Technology and Operation

Solar panel type	Mono-Crystalline
Illumination technology	1 / 2 / 3 / 4 Ultra-bright Chip L.E.D.
Energy storage	Ultra-Capacitor
Charging time	3 Hours (sunny) to 8 hours (cloudy or rainy)
Temperature range	-13F to +185F / -25C to +85C
IP/ IK Rating	IP 68/ IK10
On/Off level	150 lux / 370 lux
Operation per charge cycle	Up to 16 hours
Warranty	2 years

Illumination Properties

Available flash patterns	Steady, 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
Dimensions - Body	$\Phi 5\frac{11}{16}$ " x H 3" / $\Phi 143$ mm x H 75mm Pit depth 3" / 75mm Above surface $\frac{3}{8}$ " / 10mm (center of dome)
Weight	2.65lbs / 1.2kg

Advantages of surface-level devices:

- 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 vehicles 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 S20-0-XX-X-B

Model	Flashing Pattern	LED Color	LED Configurations	Top Cover
LIGHTMARK S20	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	B – Brush C – Chrome

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