

LightMark S20 is a low surface profile model of the LightMark series, designed for uni-directional 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
Water resistance	IP 68
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

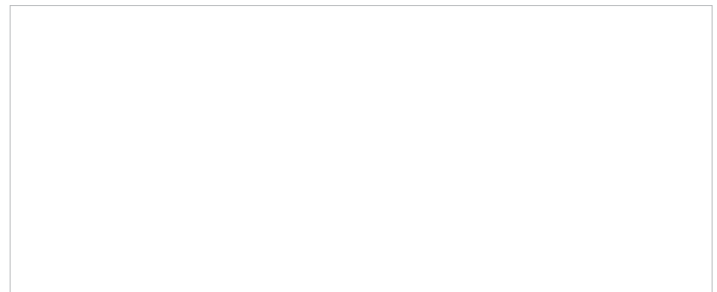
Top cover	UV-treated Polycarbonate
Body	Aluminum
Compressive strength	1,000kg/cm
Dimensions - Body	Φ5"11/16" x H 3" / Φ143mm x H 75mm Pit depth 3" / 75mm Above surface 3/8" / 10mm (center of dome)
Weight	2.65lbs / 1.2kg

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

Uses and Applications Guide

Lane delineation	●
Shoulder marking	●
Lane dividers	—
Safety guide rails	—
Curves and turns	●
Crosswalks	●
Speed humps	●
Traffic circles / islands	●
General traffic calming	●
Security barricades	—
Marking of underground cables	●
Fire hydrant marking	—



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