

**Lightmark S20** is a low surface profile model of the Lightmark series.

**Lightmark S20** is built for single-direction or bi-directional lane delineation and is extremely durable and rigid.

The **Lightmark S20** attractive design makes it a very aesthetic marking solution



The **Lightmark S20**'s special dome shape allows it to be well integrated with the road surface which results in low wear and tear ratio and high level of safety



**Lightmark S20** comes in a variety of LED colors and lighting configurations to answer any installation environment needs.

## Technical specifications

General			
Model No.	SPLM07C000		
Dimension	Φ5"11/16" x H 3" Φ143mm x H 75mm		
Installation pit depth	3" / 75mm		
Raising above surface level	3/8" / 10mm (center of dome)		
Weight	2.65lbs / 1.2kg		
Materials			
Top cover	Poly carbonate and Stainless steel		
Sealing	Silicone		
Body	Aluminum		
Operation			
Illumination Technology	Ultra-bright LEDs. Φ10mm L.E.D. x 2 or Φ10mm L.E.D. x 4		
On / Off Level	150Lux / 370Lux		
Charging Time <sup>2</sup>	3 to 8 hours (weather dependant)		
Operating Time (per full charge) <sup>2</sup>	Up to 12 hours		
Light visibility distance <sup>1</sup>	Up to 3,300ft (1000m) (weather dependant)		
Available Standard Flash Patterns	Steady , Flashing (4Hz)		
Flash intervals (Flashing models)	60/min. or 120/min.		
Solar Energy			
Type	Mono-Crystalline panel		
Energy Storage			
Type	Ultra capacitor		
Lifespan <sup>2</sup>	Up to 10 years		
Normal Voltage	2.3V		
Capacity	Steady Model 2 X 120F	Flashing Model 1 X 120F	
Environmental			
Temperature Range	-13F to +185F / -25C to +85C		
Waterproof	IP 67		
Lighting Properties			
Model	Luminance <sup>3</sup> (Lux)		
	Max.	Avg.	Min.
Steady (white)	55	52	49
Flashing (white)	45	41.5	38
Available light colors	White, Blue, Red, Green, Amber		
<sup>1</sup> Actual range is dependant on type, intensity, as well as LED lens color.			
<sup>2</sup> Consistent ambient temperatures below -25C (-13F) may affect overall capacitor life temperatures above +85C (+185F) may affect output.			
<sup>3</sup> Luminance (cd/m <sup>2</sup> ) measurement: The luminance of 9 points on the lighting area measured and averaged.			
All specifications are subject to change without notice.			

## Uses and applications

- ✔ **Dangerous blind corners and sharp-curves, black spots and poorly lit areas**
- ✔ **Areas with inclement weather conditions (coastal roads, foggy areas, wet and rainy regions, etc.)**
- ✔ **Joint intersections, on and off ramps, center lines and dividers, entrance warnings, carpool lanes, bridges**
- ✔ **Guidance lines, traffic islands, roundabouts, aprons, mountain roads**
- ✔ **Crosswalks, bike and pedestrian lanes**
- ✔ **Entertainment areas, parking lots, hotel entrances, gas stations and many more!**

### Legal clarification:

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