

LSP5 LIGHTED SOLAR PUCK

STANDARD SPECIFICATIONS



STRUCTURE

304 Stainless Steel Wrapped
Bright Finish

LAMP LENS / DIFFUSER

Super hard UV stabilized polycarbonate
9,000 lb Compressive Strength

UNIT PERFORMANCE

7.3 Lux Average Illuminance
Average Lifetime: >10 Years

Operating Ambient Temperature: -25°C - 65°C | -13°F - 149°F

16hrs Autonomous Operation - Automatic On/Off

POWER COLLECTION

0.33W PV Module
Full Charge in 3 hours

MOUNTING

Direct In-Ground
Installs like a paver tile
IP68 waterproof for underwater use

POWER STORAGE

Pseudo-Capacitor Technology
Cycles >100k times

OPTIONS

Red, Green, Blue, Orange, Amber, White
Continuous, Slow Flashing, RGB

WARRANTY

Accompanied by 3 year full warranty.



For ordering or questions please contact SELS USA at
704-495-3535 or CustomerService@SELSLED.com
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Dimensions and Weight

Steel Casing Dimension	120mm Ø x 61mm
Body Dimension	100mm Ø x 60mm
Flange Dimension	10mm
Weight	1.9 lbs
Steel Casing Thickness	20-Gauge (0.0324")
Steel Casing Material	304 Stainless Steel

Physical Properties

Compressive Strength	62,135 N
Water Proof	IP68 (Up to 1.5ft Deep)
Operating Temperature	-40°C to +70°C
Operating Time	16 hours
Activation Threshold	150 - 350 LUX
Charging Time (hrs)	3 (sunny) to 8 (cloudy and rainy)

Lighting Properties

Model	Color	Luminance(Lux)			Uniformity
		Avg	Min	Max	
LSP5	Red	6.41	5.72	6.76	85%
	Green	11.53	10.6	12.17	87%
	Blue	1.49	1.2	1.68	73%
	Orange	6.32	6.06	6.98	87%
	Amber	4.69	4.3	4.94	88%
	White	13.26	12.6	13.76	91%

Options : Continuous, Slow Flashing, RGB

Basic Components

Mono-Crystalline PV Cell	Module Size	46 x 47mm
	Maximum Output Power	0.33W
	Operating Current	105mA
	Operating Voltage	3.15V
LED	LED Size	3.5mm x 2.8mm LED Chip
	LED Current	20mA per each
	LED Operating Current	1.8mA (ROA), 1.1mA (BGW)
	LED Voltage	2.5V (ROA) 4.0V (BWG)
	LED Wattage	0.004W
	LED Quantities	4 PCS
Power Storage	Pseudocapacitor	2.3V 120F
	Quantity	2 PCS

* Illuminance(cd/m) measurement:
The luminance of 9 points on the lighting area are measured and averaged.

* Uniformity is obtained by dividing minimum luminance by maximum luminance from 9 point measurements.

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