

LSP4 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

16.2 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

0.37W 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, White
Continuous, Slow Flashing, Fast Flashing

WARRANTY

Accompanied by 3 year full warranty.



3.75"Ø x 1.9"

For ordering or questions please contact SELS USA at
704-495-3535 or CustomerService@SELSLED.com
2995 Starlight Dr, Winston-Salem, NC 27107



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Dimensions and Weight

Steel Casing Dimension	96mm \varnothing x 47.8mm
Body Dimension	78mm \varnothing x 47mm
Flange Dimension	8mm
Weight	0.9 lbs
Steel Casing Thickness	20-Gauge (0.0324")
Steel Casing Material	304 Stainless Steel

Physical Properties

Compressive Strength	43,500 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	
LSP4	Red	11.1	8.68	12.63	69%
	Green	89.88	70	118	59%
	Blue	9.71	7.29	12.08	60%
	Orange	19.04	15.6	23.2	67%
	White	82.5	66.6	103.5	64%

Options : Continuous, Slow Flashing, Fast Flashing

Basic Components

Mono-Crystalline PV Cell	Module Size	53 x 52mm
	Maximum Output Power	0.366W
	Operating Current	116.4mA
	Operating Voltage	3.15V
LED	LED Size	5mm \varnothing LED Chip
	LED Current	20mA per each
	LED Operating Current	0.2mA per each
	LED Voltage	3.0V
	LED Wattage	0.003W
	LED Quantities	5 PCS
Power Storage	Pseudocapacitor	2.3V 120F
	Quantity	1 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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