

# LSP2.5 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

14.6 Lux Average Illuminancace  
Average Lifetime: >10 Years

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

16hrs Autonomous Operation - Automatic On/Off

### POWER COLLECTION

0.09W PV Module  
Full Charge in 3 hours

### MOUNTING

Direct In-Ground  
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.



2.6"Ø x 1.2"

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



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## GENERAL SPECIFICATIONS

Dimensions and Weight	
Steel Casing Dimension	67mm Ø x 30.8mm
Body Dimension	200mm Ø x 30mm
Flange Dimension	8mm
Weight	0.3 lbs
Steel Casing Thickness	20-Gauge (0.0324")
Steel Casing Material	304 Stainless Steel

Physical Properties	
Compressive Strength	24,517 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	
LSP2.5	Red	20.19	17.2	26.65	65%
	Green	72.36	42.4	87.5	48%
	Blue	1.97	1.54	2.23	69%
	Orange	25.48	18.49	30.6	60%
	White	41.3	31.5	53.1	71%
Options : Continuous , Slow Flashing, Fast Flashing					

Basic Components		
Mono-Crystalline PV Cell	Module Size	34 x 26mm
	Maximum Output Power	0.0894W
	Operating Current	30mA
	Operating Voltage	2.98V
LED	LED Size	3mm Ø LED Chip
	LED Current	20mA per each
	LED Operating Current	0.26mA
	LED Voltage	3.0V
	LED Wattage	0.00078W
	LED Quantities	1 PCS
Power Storage	Pseudocapacitor	2.3V 10F
	Quantity	3 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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