

# LSP84 LIGHTED SOLAR PAVER



## STANDARD SPECIFICATIONS

### STRUCTURE

304 Stainless Steel Wrapped  
Bright Finish

### LAMP LENS / DIFFUSER

Super hard UV stabilized polycarbonate  
9,000 lb Compressive Strength

### UNIT PERFORMANCE

9.2 Lux Average Illuminance  
Average Lifetime: >10 Years

Operating Ambient Temperature: -40°C – 70°C | -40°F – 158°F

16hrs Autonomous Operation – Automatic On/Off

### POWER COLLECTION

1.3W PV Module  
Full Charge in 3 hours

### MOUNTING

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

### POWER STORAGE

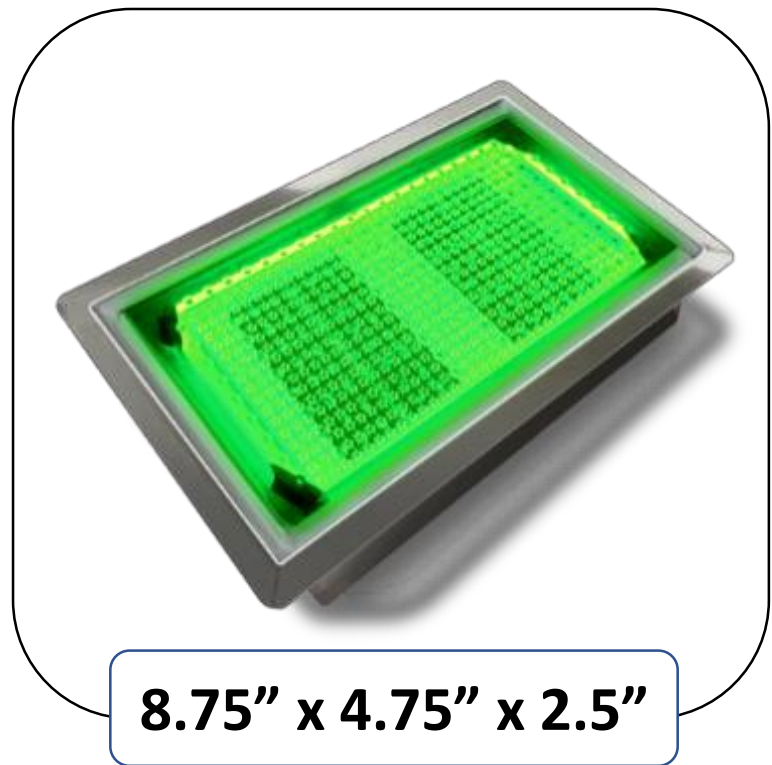
Pseudo-Capacitor Technology  
Cycles >100k times

### OPTIONS

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

### WARRANTY

Accompanied by 3 year full warranty.



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	224mm x 123mm x 61mm
Body Dimension	200mm x 100mm x 60mm
Flange Dimension	11mm x 11mm
Weight	3.8 lbs
Steel Casing Thickness	20-Gauge (0.0324")
Steel Casing Material	304 Stainless Steel

### Physical Properties

Compressive Strength	36,187 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	
LSP48	Red	4.7	4.35	5.12	85%
	Green	18.2	15.95	22	73%
	Blue	1.6	1.38	2	70%
	Orange	4.9	4.54	5.35	85%
	Amber	5.1	4.19	5.87	71%
	White	21.1	16.91	26.4	64%

Options : Continuous , RGB

### Basic Components

Mono-Crystalline PV Cell	Module Size	79 x 165mm
	Maximum Output Power	1.263W
	Operating Current	401mA
	Operating Voltage	3.15V
LED	LED Size	3.5mm x 2.8mm LED Chip
	LED Current	20mA per each {2.0V(ROA), 3.0V(BGW)}
	LED Operating Current	6.5mA (ROA), 5.4mA (BGW)
	LED Voltage	2.5V (ROA) 4.0V (BGW)
	LED Wattage	0.016W (ROA) 0.022W (BGW)
	LED Quantities	4 PCS
Power Storage	Pseudocapacitor	2.3V 120F
	Quantity	3 EA(ROA) , 4 EA(BGW)

\* 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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