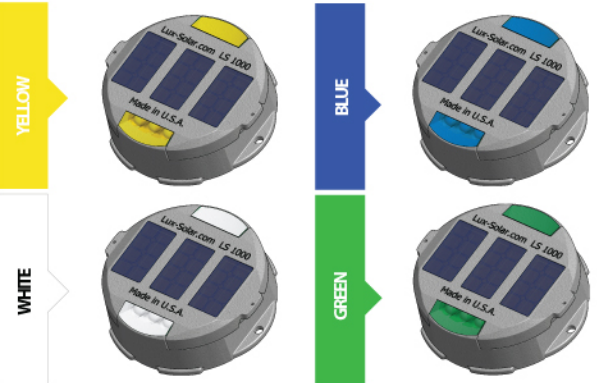


### Dimensions and Weight

Size:  $\phi$  5.9" x 2" ( $\phi$ 150 x 50mm)  
 Weight: 3.4 lbs (1,250g)



### Physical Properties

Compressive Strength ..... 120,000 lbs (535,000 N)  
 Water Proof ..... IP68  
 Operating Temperature ..... -40°C to +70°C  
 Operating Time ..... more than 16 hours  
 Onset Point ..... 150 - 350 LUX  
 Charging Time ..... 3hrs (sunny) to 8hrs (Cloudy and Rainy)

### Lighting Properties

Model	Colors	Avg Luminance Intensity (Lux)	Typical Light Output (mcd)
LS1000	Red	44	1500
	Green	64	1475
	Blue	21	650
	Yellow	32	1500
	White	133	4769
		Average intensity is measured at the unit	

**Type:** Steady, Slow Flashing (1/sec), Fast Flashing (3/sec) and Steady/Flashing



www.Lux-Solar.com

### Basic Components

<b>Crystalline Silicon Solar Cells</b> 3 x 6	Solar Module Size Solar Maximum Output Power Solar Voltage	54mm x 27mm 3 x 70mA 3.15V
<b>LED</b>	LED Size LED Current LED Voltage LED Wattage LED Quantities	3.2mm x 2.7mm 20mA per each 3V 3.6 mW 3PCS/6PCS
<b>Power Storage</b>	Hybrid Capacitor Number of Hybrid Capacitors	2.3V 120F 2PCS
<b>Aluminum Die Cast Housing</b>	Aluminum A383 Die Cast with Polycarbonate Lenses & Solar Windows	
<b>Electronic Controller</b>	MAIN PCB uses Ultra Low Power Microprocessor control to provide a steady flash rate over the temperature range.	

