

iiRPM

LS1000+

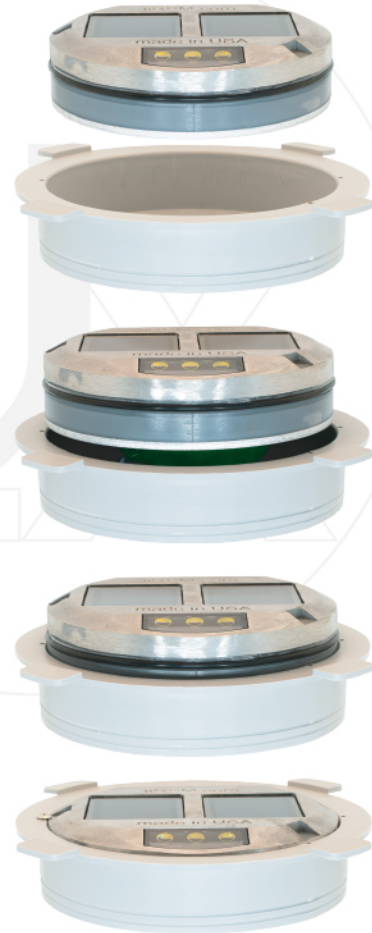
MADE IN USA

PATENT PENDING

iiRPM.COM

Dimensions and Weight

Size: ϕ 6.29" x 1.49" (ϕ 160 x 38mm)
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			

Basic Components

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

