Specifications on SF-S100
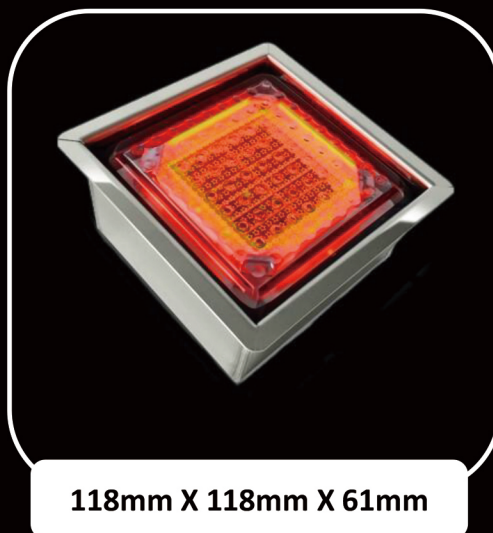
Dimensions and Weight

SUS case Size.... 118mm x 118mm x 61mm
Product Size...... 100mm x 100mm x 60mm

Wing Size...........   9mm x 9mm

Weight........................... 820g
SUS case Thickness.... 0.8t
SUS case Material....... SUS 304-2B

118mm X 118mm X 61mm

Physical Properties

Compressive Strength.................. 69,872 N
Water Proof.................................. IP68
Operating Temperature............... -40°c to +70°c
Operating Time........................... more than 12 hours
Charging Time............................ 3 (sunny) to 8 (cloudy and rainy)

Lighting Properties

Model	Color	Luminance(Lux)			Uniformity
		average	min	max	
SF-S100	Red	6.15	5.45	6.65	82%
	Green	10.89	9.75	11.6	84%
	Blue	1.19	1.06	1.28	83%
	Orange	6.84	6.08	7.16	85%
	Amber	4.45	3.98	4.8	83%
	White	10.92	9.87	11.6	85%
type : Continuous , Slow Flashing , RGB					

* 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.

Basic Components

Single Crystalline Solar Cell	Solar module Size	56 X 56 mm
	Solar Maximum Output Power	0.33W
	Solar Operating Current	105mA
	Solar Voltage	3.15V
LED	LED Size	3.5x2.8mm chip type
	LED Current	20mA per each
	LED Operating Current	R,O,A (1.8mA per each) B,W,G (1.1mA per each)
	LED Voltage	ROA (2.5V) BWG (4V)
	LED Wattage	0.004W
	LED Quantities	4 pcs
Pseudocapacitor	Pseudocapacitor	2.3V 120F
	Number of Pseudocapacitor	2 pcs
Poly Carbonate Housing	T/C (Samyang, 3022-IR-01),B/C (Samyang, 3025 R)	
Electronic Controller	MAIN PCB ROA, BGW (SEIKE, AUK, ON SEMI), LED PCB	

Colors

RED   GREEN   BLUE   ORANGE   AMBER   WHITE