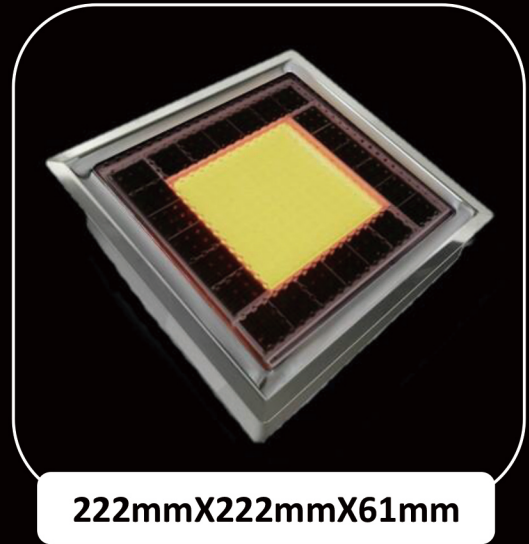


Specifications on **SC-S200**

Dimensions and Weight

SUSCASE Size..... 222mm x 222mm x 61mm
 Product Size..... 200mm x 200mm x 60mm
 Wing Size..... 11mm x 11mm
 Weight..... 3 kg
 SUS case Thickness.... 0.8t
 SUS case Material..... SUS 304 -2B



Physical Properties

Modulus of Rupture..... 13.6N/mm²
 Compressive Strength..... 198,781 N
 Breaking Load..... 41,090 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	
SC-S200	Red	15.8	13.81	17.6	78%
	Green	41.6	38.9	44.5	87%
	Blue	1.9	1.7	2.18	78%
	Orange	15.7	14.99	16.73	90%
	Amber	6.3	5.32	7.2	74%
	White	37.6	35.7	40.7	88%

type : Continuous , 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 Solar Maximum Output Power Solar Operating Current Solar Voltage	151 x 151mm 2.173W 690mA 3.15V
LED	LED Size LED Current LED Operating Current LED Voltage LED Wattage LED Quantities	5Ø 20mA per each ROA(8.7mA), BG(5.4mA), W(6.8mA) R,O,A(2.5V) B,W,G(4.0V) R,O,A,B,G(0.022W) W(0.027W) 4 PCS
Pseudocapacitor	Pseudocapacitor Number of Pseudocapacitor	2.3V 120F R,G,B,O,A (4 PCS) W (5 PCS)
Poly Carbonate Housing	T/C (Samyang, 3022-IR-01),B/C (Samyang, 3025 R)	
Electronic Controller	MAIN PCB R,P,A,BG,W(SEIKO, AUK, ON SEMI), LED PCB	

Colors

