

Specifications on SI-135

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L'éclairage LED des professionnels

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Dimensions and Weight

Size.....Ø144 x 90.5 mm
Installed Size..... Ø30 x 70 mm
Weight..... 700 g

Physical Properties

Compressive Strength..... 310,000 N
Water Proof..... IP68
Operating Temperature..... -25°C to +70°C
Discharge Time..... more than 15 hours
Onset Point..... 350 - 600 LUX
Charging Time..... 3 (sunny) to 8 (cloudy and rainy)



Lighting Properties

Model	Type	Color	Luminance(Lux)			Uniformity
			average	min	max	
SI-135	Steady	Red	333	308	358	86.0%
		Green	515.5	501	530	94.5%
		Blue	83.55	71.4	95.7	74.6%
		Yellow	272.5	258	287	89.9%
		White	780	728	832	87.5%

* Illuminance(cd/m) measurement: The luminance of Center on the lighting area are measured and averaged.

* Uniformity is obtained by dividing minimum luminance by maximum luminance from Center measurements.

type : Continuous , Slow Flashing , Fast Flashing
Flashing Speed : Slow Flashing (210±10%/min)
Flashing Speed : Flashing Fast (60±10%/min)

Basic Components

Single Crystalline Solar Cell	Solar module Size Solar Maximum Output Power Solar Operating Current Solar Voltage	47 x 47mm 0.267W 54mA 4.95V
LED	LED Size LED Current LED Operating Current LED Voltage LED Wattage LED Quantities	Ø5 LED 20mA per each 8mA (4PCS) 3V 0.024W(4PCS) 4PCS
HY-CAP	HY-CAP	3.7V, 2,600mA
Poly Carbonate Housing	T/C(LG CHEM, 3025 AC WH), CASE(pijeyi Altec), ALDC12.1	
Electronic Controller	MAIN PCB (Seiko, Microchip), LED PCB	

