

Specifications on ILSS-135



Dimensions and Weight

Size.....Ø144 x 90.5 mm
Installed Size..... Ø35 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)



Ø144 x 90.5 mm

Lighting Properties

Model	Type	Color	Luminance(Lux)			Uniformity
SI-135	Steady		average	min	max	
		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%
type : Continuous , Slow Flashing , Fast Flashing						
Flashing Speed : Slow Flashing (210±10%/min)						
Flashing Speed : Flashing Fast (60±10%/min)						

* 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.

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
LG lithium ion battery	LG lithium ion battery	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	

