

Specifications on ILSS-112



Dimensions and Weight

Size.....110mm X 90mm x 30 mm

Weight.....410 g

Physical Properties

Compressive Strength..... 282,824 N

Water Proof..... IP68

Operating Temperature..... -40°C to +70°C

Operating Time..... more than 12 hours

Onset Point..... 150 - 350 LUX

Charging Time..... 3 (sunny) to 8 (cloudy and rainy)

Lighting Properties

Model	Type	Color	Luminance(Lux)			Uniformity
			average	min	max	
YH-YS	Steady	Red	34,22	30,4	35,6	85%
		Green	147,5	138,5	163,5	85%
		Blue	3,22	2,33	3,76	62%
		Yellow	26,66	22,6	30,4	74%
		White	86,84	61	123	50%

* 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, Solw Flashing , Fast Flashing



110mmX90mmX30mm

Basic Components

Single Crystalline Solar Cell	Solar module Size Solar Maximum Output Power Solar Operating Current Solar Voltage	40 X 53mm 0.337W 107mA 3.15V
LED	LED Size LED Current LED Operating Current LED Voltage LED Wattage LED Quantities	3528 CHIP LED + 10Ø LENS 20mA per each 1.1mA per each 3V 0.0033W / 0.0066W 3 pcs / 6 pcs
Pseudocapacitor	Pseudocapacitor Number of Pseudocapacitor	2.3V 120F 2 pcs
Poly Carbonate Housing	T/C(LG CHEM, 3025 AC WH), CASE(pijeyi Altec), ALDC12.1	
Electronic Controller	MAIN PCB(TOREX, ON SEMI), LED PCB	

