

Specifications on ILDE-R08



Dimensions and Weight

SUS case Size..... 96Ø x 47.8mm
Product Size..... 78Ø x 47mm
Wing Size..... 8mm
Weight..... 400g
SUS case Thickness.... 0.8t
SUS case Material..... SUS 304-2B



Ø96 X 47.8mm

Physical Properties

Compressive Strength..... 43,500 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	Color	Luminance(Lux)			Uniformity
		average	min	max	
NST80	Red	11,1	8,68	12,6	69%
	Green	89,88	70	118	59%
	Blue	9,71	7,29	12,08	60%
	Orange	19,04	15,6	23,2	67%
	White	82,5	66,6	103,5	64%
type : Continuous , Slow Flashing , Fast Flashing					

* Illuminance(cd/m) measurement: The luminance of 5 points on the lighting area are measured and averaged.

* Uniformity is obtained by dividing minimum luminance by maximum luminance from 5 point measurements.

Basic Components

Single Crystalline Solar Cell	Solar module Size Solar Maximum Output Power Solar Operating Current Solar Voltage	53 x 52mm 0.3666w 116.4mA 3.15V
LED	LED Size LED Current LED Operating Current LED Voltage LED Wattage LED Quantities	5Ø LED 20mA per each 0.2mA x 5pcs R,O,B,G,W (3v) 0.003W (5pcs) 5pcs
Pseudocapacitor	Pseudocapacitor Number of Pseudocapacitor	2.3V 120F 1pcs
Poly Carbonate Housing	T/C (LG) , B/C (LG)	
Electronic Controller	NST80 MAIN PCB	

