

Specifications on ILDE-S10



Dimensions and Weight

SUS case Size.... 118mm x 118mm x 61mm

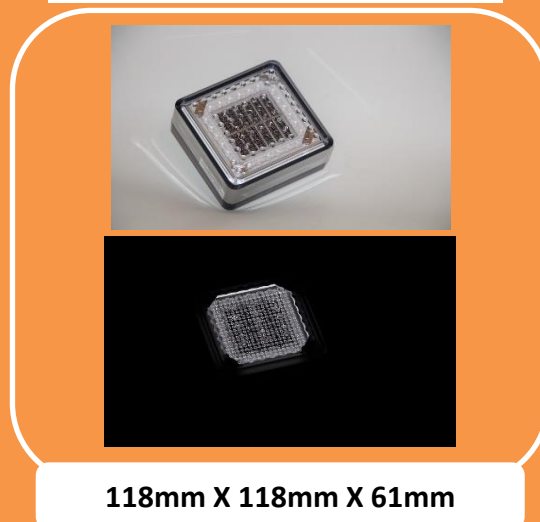
Product Size..... 100mm x 100mm x 60mm

Wing Size..... 9mm x 9mm

Weight..... 820g

SUS case Thickness.... 0.8t

SUS case Material..... SUS 304-2B



Physical Properties

Compressive Strength..... 69,872 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	
NST-0404	Red	6,15	5,45	6,65	82%
	Green	10,89	9,75	11,6	84%
	Blue	1,19	1,06	1,28	83%
	Orange	6,84	6,08	7,16	85%
	Amber	4,45	3,98	4,8	83%
	White	10,92	9,87	11,6	85%
type : Continuous , Slow Flashing , 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	56 X 56 mm 0.33W 105mA 3.15V
LED	LED Size LED Current LED Operating Current LED Voltage LED Wattage LED Quantities	3.5x2.8mm chip type 20mA per each R,O,A (1.8mA per each) B,W,G (1.1mA per each) ROA (2.5V) BWG (4V) 0.004W 4 pcs
Pseudocapacitor	Pseudocapacitor Number of Pseudocapacitor	2.3V 120F 2 pcs
Poly Carbonate Housing	T/C (Samyang, 3022-IR-01),B/C (Samyang, 3025 R)	
Electronic Controller	MAIN PCB ROA, BGW (SEIKE, AUK, ON SEMI), LED PCB	

Colors

