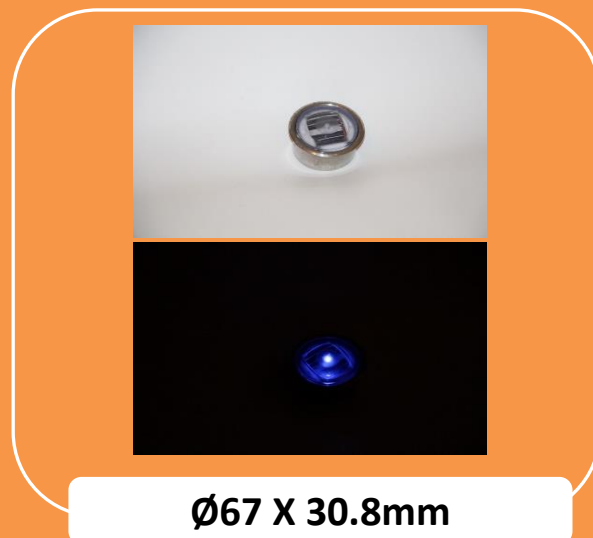


Specifications on ILDE-R05



Dimensions and Weight

SUS case Size..... 67Ø X 30.8mm
 Product Size..... 50Ø x 30mm
 Wing Size..... 8mm
 Weight..... 135g
 SUS case Thickness.... 0.8t
 SUS case Material..... SUS 304-2B



Physical Properties

Compressive Strength..... 24,517 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
GF	Steady		average	min	max	
		Red	20,19	17,2	26,6	65%
		Green	72,36	42,4	87,5	48%
		Blue	1,97	1,54	2,23	69%
		Orange	25,48	18,49	30,6	60%
		White	41,3	31,5	53,1	59%
type : Continuous , Slow Flashing , Flashing Fast						

* 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	34 x 26 mm 0.0894W 30mA 2.98V
LED	LED Size LED Current LED Operating Current LED Voltage LED Wattage LED Quantities	Ø3 20mA per each 0.26mA 3V 0.00078W 1 pcs
Pseudocapacitor	Pseudocapacitor Number of Pseudocapacitor	2.3V 10F 3 pcs
Poly Carbonate Housing	T/C (SIBIC innovation Plastics Korea), B/C (LG CHEM, 112R-112)	
Electronic Controller	MAIN PCB(TOREX, NXP)	

