

Specification SP-010



General	
Size	Edge Length: 50mm /1.97 inch Height: 36mm /1.42 inch
Weight	0.2 Kgs /0.44 lbs
Housing	Stainless Steel (SUS304), cast aluminum
Lens	GE super light-permeability PC
Lighting output	Permanent
LED pcs	2 pcs
Light Visibility Distance	500m (varies according to weather conditions)
Operational	
Switch	Auto
Average Sunlight Exposure to Maintain Function	* 4 hours (sunny) to 8 hours (overcast or rainy)
Average Operation time	Minimum 12 hrs
Solar Deprivation Limit	* 5 days
* To maintain function, unit requires 4 hours (sunny) to 8 hours (overcast/rainy) of UV exposure. Extra charge will be stored for next day use. Fully charged, the unit can last 3-4 rainy days.	
Environmental	
Operating temperature	- 4 F° ~ 140 F° / -20 C° ~ 60 C°
Storage temperature	-40 F° ~ 179 F° / -40 C° ~ 80 C°
Moisture protection	IP68
LEDs	
LED Type	Super bright LED
LED spec	5mm LED
LED Lifetime	50000~70000 hours
LED power consumption (W)*	0.06W
Available LED Colors or CCT	White (6300K), Warm White (4200K), Blue
*Remark: Specifications item depend on LED colors.	
Solar Panel	
Type	Crystalline panel 2.5V 80mA
Efficiency	14%~16%
Power storage	
Type	Ni-MH HT Sanyo eneloop battery
Life time	4~6 years
Listing	
Certification	CE, RoHs, ISO9000