

Specification SP-010S



General	
Size	Diameter 150mm Height 790mm
Weight	7.4kgs
Housing	Extrude aluminum
Lens	Optimized and Internal Fluted Glass
Lighting output	Permanent
LED pcs	10pcs
Light Visibility Distance	500m (varies according to weather conditions)
Operational	
Switch	Auto on/off
Average Sunlight Exposure to Maintain Function	Up to 12 hours (Sunny day), 6 days (rainy day)
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	IP66
LEDs	
LED Type	16 pcs Nichia 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