Maki

Specification

SP-030

General	
Size	Top Diameter 220mm Bottom Diameter 245mm, Height 245mm
Weight	5.5kg
Housing	One piece die-cast aluminum
Lens	UV stabilized polycarbonate lens
Lighting output	Permanent
LED pcs	12 pcs
Light Visibility Distance	800m (varies according to weather conditions)
Operational	
Switch	Auto
Average Sunlight Exposure to Maintain Function	Up to 12 hours (Sunny day)4 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	IP65
LEDs	
LED Type	Cree LED
LED spec	CreeXP Series
LED Lifetime	50000~70000 hours
LED power consumption (W)*	0.4W
Available LED Colors or CCT	White(5700K), Warm White(3200K) and Blue

**Remark: Specifications item depend on LED colors.*

Solar Panel	
Type	Mono-crystalline 3 watts 5V 600mA
Efficiency	14%~16%
Power storage	
Type	LiFePO4 battery 6.4V 2.6Ah
Life time	4~6 years
Listing	
Certification	CE

Solar LED Lighting Solutions

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RoHS CE certified