

Project Name/Type:		Date:
Catalog/Part #:		

PSRL-SOLAR LED Solar LED Roadway Light

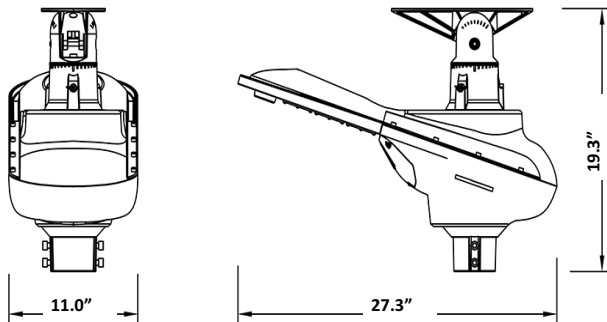


Features:

- All in one patented solar lamp, aluminum body, powder coated painting, anti-rust corrosion
- Charging time:** 5-6 Hours (Direct Sunshine)
- Working time:** Bright mode - 12 Hours - Dim mode (30%)-60 Hours
- Lamp:** Light Sensor, PIR, Time Control, Microwave Control.



PRODUCT DIMENSION



PACKING INFORMATION

Model #	PSRL60LED4460DMS	PSRL80LED4460DMS
Lamp Size	27.6"X21.3"X11.4"	27.6"X21.3"X11.4"
Panel Size	39.5"X26.4"X 1.2"	57.9"X26.4"X 1.4"
Net weight	47 LBS.	77 LBS.
Carton Size (Lamp)	32.3"x20.1"x 15.8"	32.3"x20.1"x 15.8"
Carton Size (Panel)	43.3"x31.5"x 2.8"	61.8"x31.5"x3.2"
Qty/ctn	1set / 2ctns	1set / 2ctns
Gross weight	64.2 lbs.	77.2 lbs.

Model #:	PSRL60LED4460DMS	PSRL80LED4460DMS
Lamp Wattage:	60W	80W
Lamp Voltage:	43.8V	
Current:	1.35A	1.8A
LED Chip:	Hongli Tronic 5050	
Efficiency:	170 lpw	
Optics:	Type II Distribution Adjustable Optics	
Luminous Flux:	10,200 lms	13,600 lms
CRI:	>80	
Protection Grade:	IP65	
Work Temperature:	-25°C +65°C	
CCT:	6000K	
Mounting Height:	21-24FT	24-30FT
Certification	CE, RoHS, FCC	
Life Hours:	50,000 Hrs	
Warranty	3-Yrs	
Model #	PSRL60-SP120-36MS	PSRL80-SP160-36MS
Panel:	Monocrystalline Silicon	
Adjustable Angle:	360° Horizontal / 60° Vertical	
Power:	120W	160W
Voltage:	36V	
Current:	3.34A	4.44A
Charging Time:	5-6 Hours	
Lighting Time:	Full Power: <12 Hrs	
Lifetime:	20-25 Yrs	
Controller Type:	MPPT (Maximum Power Point Tracking) Ensure Proper Battery Charging and Prolong Battery Life	
Battery Type:	Grade A LiFePO4 (Lithium Iron Phosphate)	
Capacity:	537.6WH/21AH	614.4WH/24AH
Nominal Voltage:	25.6V	
Lifetime:	5-8 Yrs	



TECHNOLOGY FEATURES



Built in Cable to Prevent Aging and Leakage



Patented Horizontal Screw Rotatable Plate



Solar Panel Adjustable by Pivot Point Make Maximum Use of Sunlight



Drop Proof Wire Anti Dropping Nail



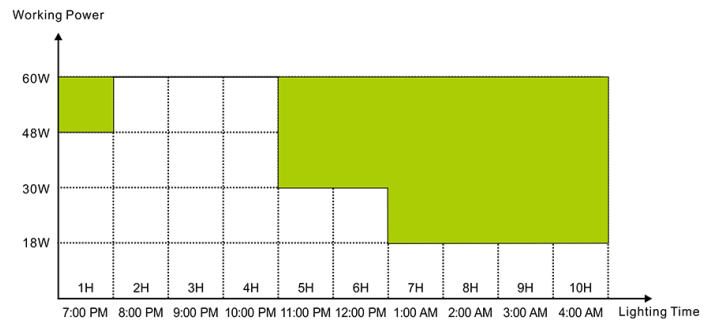
Front Ventilation Design, Efficient in Heat Dissipation



Grid Design Protect the Battery be Damaged by Pole

Working Mode Demonstrations:

- **DEMO:** Test Button for demonstration
- **OFF:** Shut down, do not light all the day or all the night
- **Working Mode:** Time control + Light control mode—Start from 7:00pm, 80%-1hr, 100%-3hrs, 50%-2hrs, 30% till dawn
- **Microwave Mode:** 100% brightness when movement is detected, Remains at 20% brightness when area is clear. Detection distance is ≤ 80 FT.
- **Time control + Microwave control mode:** 80%-1hr, 100%-2hrs, 50%-2hrs, after 5 hrs microwave sensor works as follows: 50% when movement is detected, 20% when area is clear.
- **Note:** Default mode is M, you can choose or customized your preferred mode according to the lighting condition in your projects.



GPRS/Wifi Wireless Intelligent Control System:

- The street light control system adopts 4G,GPRS wireless technology to control and monitor each lamp's turn on/turn off, dimming control, solar panel and battery's warning message, alarm for wire anomaly and failure, collect data and sent back lamp's running status.
- Through the GPRS network, control center and database, we are able to check each lamp's historical and real time performance and operating the brightness of the specific solar lamp.

