



SL-01-G2 LED Solar Street Light



Better solutions for Led Solar Street Light



IP66 water-proof



Rotating Solar Panel



Easy Installation



190lm/W

Operating Temp.: -5°C ~+50°C

Storage Temp.: -20°C ~+50°C

Options

CCT

3000K
4000K
5000K
5700K

Beam Angle

Type II-S(140°85°)



Application

LED Solar Street light widely used in Street road Lighting, Highway, Pathway, Parking lot, Schools, Residential area, Villas, Resorts, Garden, and other exterior Landscape lighting.

Specifications

Item	SL50W-01-G2	SL90W-01-G2	SL120W-01-G2	SL240W-01-G2
Solar Panel	50W/18V	90W/18V	120W/18V	120W/18V*2
Solar Cell	High Efficiency Monocrystalline Silicon			
Lithium Battery	18AH/12.8V	30AH/12.8V	48AH/12.8V	42AH/25.6V
Luminous Efficacy	190Lm/W			
Lamp Power	30W	50W	80W	100W
Led	SMD5050			
CRI	>70			
Lens	Type II-S(140°85°)			
Lighting time	5-7 Rainy day(full charged)			
Weight	12kg(26.5lbs)	17kg(37.5lbs)	24kg(52.9lbs)	40kg(88.2lbs)
Pole top diameter	Ø50-60mm			
Mounting height	5~15m			
Installation space	10~30m			

Lighting Modes Options

Option 1 :

At night, T1 : 100%-2H ; T2 : 60%-2H ; T3 : 10%-7H ; T4:20%-4H.

For example, when the led solar panel street light turn-on at 6:00 pm,

T1: 100%-2hr on 6:00pm-8:00pm,

T2: 60%-2hr on 8:00pm-10:00pm,

T3: 10%-7hr on 10:00pm-5:00am

T4: 20%-4hr on 5:00am-dawn

Sensing Lighting Modes Options

Option 1:

At night, T1: 100%-9H; T2: 100%-6H. Light on 100% if motion detected,

Stand-by period 60 seconds , Light on 10% if no motion detected.

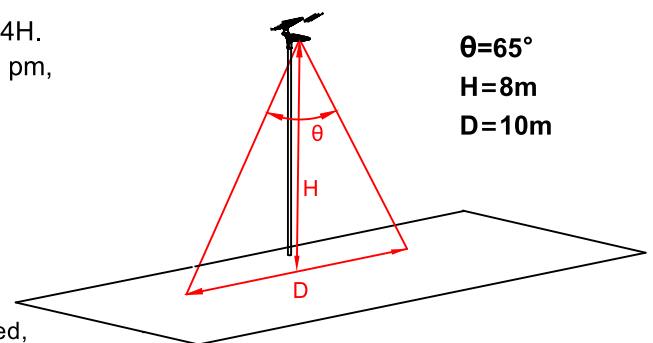
For example, when the led solar panel street light turn-on at 6:00 pm,

6:00 pm - dawn (Light on 100% if motion detected , Stand-by period 60 seconds , Light on 10% if no motion detected).

Remarks: The street lights' turn-on time depends on the clients' local time(Turn-on Light Level: <20lux).

Customized modes available.

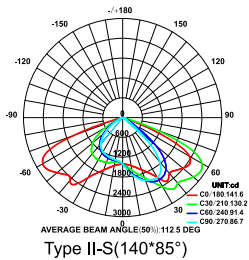
Sensing Range



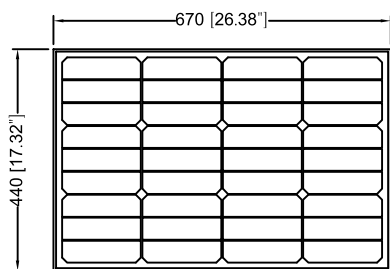
SL-01-G2 LED Solar Street Light



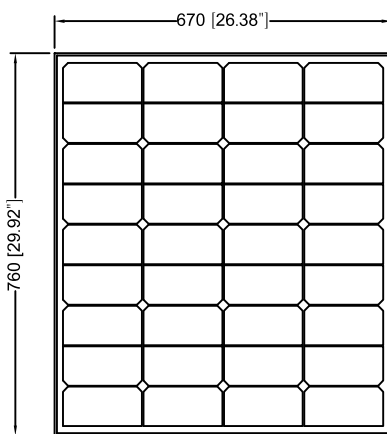
Photometry



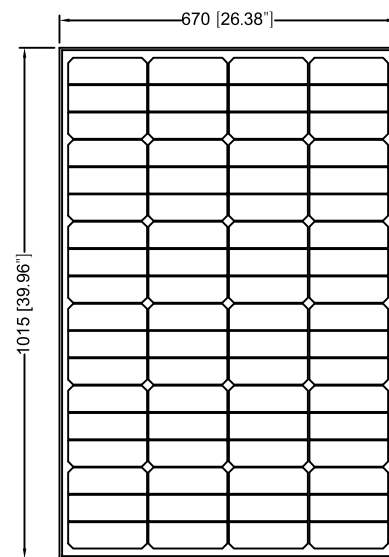
Dimensions(mm)



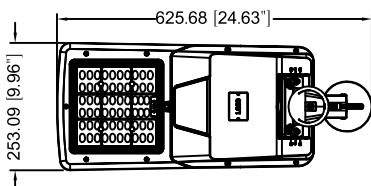
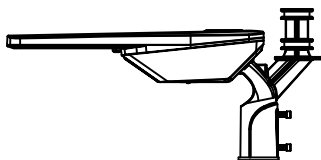
Solar Panel 50W



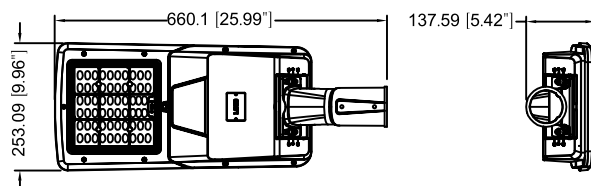
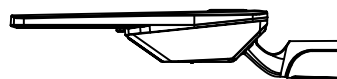
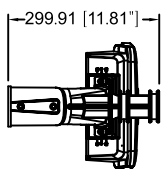
Solar Panel 90W



Solar Panel 120W



Street light single pole
(50W/90W/120W)



Street light Arm pole
(50W/90W/120W/240W)

Solar Panel



50W

90W

120W

50W

90W

120W

240W

P1: Street light single pole

P2: Street light Arm pole

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Installation and use

Street Light Single Pole

<p>01</p> <p>The standard package include Street light, Solar panel battery + bracket and Street light head.</p>	<p>02</p> <p>Fix the street lamp head to the lamp body with two M8x30mm hexagon socket screws. Choose the right angle.</p>	<p>03</p> <p>After opening the solar panel package (Figure a), use the M8 screws shown in Figure b to connect the solar panel battery bracket.</p>
<p>04</p> <p>Install the whole light on the street light pole and fix it tightly with two M8*25mm hex screws.</p>	<p>05</p> <p>Install the solar panel on the street lamp head and fasten it tightly with two M8*25mm hexagon screws. According to the local latitude, adjust the best angle of the solar panel.</p>	<p>06</p> <p>Press the self-locking switch to activate the light.</p>

Street light Arm pole

<p>01</p> <p>The standard package include Street light, Solar panel battery + bracket and Street light head.</p>	<p>02</p> <p>Fix the street lamp head to the lamp body with two M8x35mm hexagon socket screws. Choose the right angle.</p>	<p>03</p> <p>After opening the solar panel package (Figure a), use the M8 screws shown in Figure b to connect the solar panel battery bracket.</p>
<p>04</p> <p>Install the street light on the pole, pull the wire as shown, then tighten the M8 hexagon screw.</p>	<p>05</p> <p>Install the solar panel on the pole, connect the wires as shown, and fix it tightly with two M8*25mm hexagon screws. Adjust the best angle of the solar panel according to the local latitude.</p>	<p>06</p> <p>Press the self-locking switch to activate the light.</p>

Packing Spec

Item	Box			Carton		
	Measurement(mm)	Gross weight	Pcs/box	Measurement(mm)	Gross weight	Pcs/box
SL50W-01-G2-P1/P2	Solar Panel: L750*W510*H305	18.0kg(39.7lbs)	5	/	/	/
SL90W-01-G2-P1/P2	Solar Panel: L840*W750*H305	29.0kg(63.9lbs)	5	/	/	/
SL120W/240W-01-G2-P1/P2	Solar Panel: L1095*W740*H265	32.0kg(70.5lbs)	4	/	/	/
SL50W/90W/120W-01-G2-P1/P2	Lamp: L795*W275*H525	18.0kg(39.7lbs)	1	/	/	/
SL240W-01-G2-P2	Lamp: L1215*W585*H525	38.0kg(83.8lbs)	1	/	/	/