

# Manufacturer of Street Light for Outdoor Lighting



## CHINA SEARUN SOLAR SOLUTION CO.,LTD.

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CHINA SEARUN SOLAR SOLUTION CO.,LTD.

# OUR HISTORY

## Searun Solar



China Searun Solar Solution Co.,Ltd. is a professional lighting enterprise integrating production, R&D and marketing, adjacent to the ancient town of China's street light capital. It is one of the excellent street light manufacturers in the industry. As a professional factory, we supply all kinds of solar street light, led street light, Integrated solar street light, All in one solar street light , traffic light, high mast light, garden light, flood light, solar panel ,and all kinds of lighting pole and lighting fixtures. Welcome customers to visit us from all over the world.

### Overseas Exploration and Popularity

We have great success in more than 100 countries around the world, Including Southeast Asia, Africa, South America, Europe, Middle East, Central America. Searun Solar products are widely used for Roads, Highway, Parking lots, Airport, Court, Garden, square, driveway etc..

### Searun Solar Advantages

- Searun solar solution is built to the highest quality standards, using the best material to ensure Maximum efficiency and Longevity.
- LED street lights, solar street lights are competitively priced, and are designed to perfectly fit all kinds customer's request, can accept OEM&ODM.
- Have ISO9001,ISO14000,ISO18001,CE,RoHs,EN,IEC certificate.
- Have a quick feedback team, all inquires can get feedback within 24hours.
- Have all kinds test machine and auto produce machine.



### Searun solar Aim

We aim to long term outdoor lighting business with stable quality and low profits, hoping to cooperate with more partners , street light distributors to develop more projects to create prosperous win-win partnerships.

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# 01 SOLAR STREET LIGHT

Single arm solar street light

Double arm solar street light

All in two solar street light

Solar & wind hybrid street light



**Main Parts**



LED Street Light



Solar Panel



Option 1:Gel Battery



Option 2:Lithium Battery



Solar Controller



Street Light pole



Anchor Bolt

Specification			
6M 30W	8M 60W	10M 80W	12M 100W
<p><b>LED Street Light</b> Power: 30 w Led Chip: Philips lumileds/ CREE/ OSRAM/ NICHIA Lumens: 130 Lm/ w Voltage: DC12 V Color temperature:2700 - 6500K Color Rendering index: Ra&gt;7.5 IP rating: IP65</p>	<p>Power: 60 w Led Chip: Philips lumileds/ CREE/ OSRAM/ NICHIA Lumens: 130 Lm/ w Voltage: DC24 V Color temperature:2700 - 6500 K Color Rendering index: Ra&gt;7.5 IP rating: IP65</p>	<p>Power: 80 w Led Chip: Philips lumileds/ CREE/ OSRAM/ NICHIA Lumens: 130 Lm/ w Voltage: DC24 V Color temperature:2700 - 6500K Color Rendering index: Ra&gt;7.5 IP rating: IP65</p>	<p>Power: 100 w Led Chip: Philips lumileds/ CREE/ OSRAM/ NICHIA Lumens: 130 Lm/ w Voltage: DC24 V Color temperature:2700 - 6500K Color Rendering index: Ra&gt;7.5 IP rating: IP65</p>
<p><b>Solar Panel</b> Power: 120 W Operation Voltage : 18 V Operation Current :6 . 67 A Open circuit voltage: 22 V Short circuit current:6 . 75 A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %</p>	<p>Power: 120 W*2 PCS Operation Voltage : 18 V Operation Current :6 . 67 A Open circuit voltage: 22 V Short circuit current:6 . 75 A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %</p>	<p>Power: 150 W*2 PCS Operation Voltage : 18 V Operation Current :8 . 4 A Open circuit voltage: 22 V Short circuit current:8 . 8 A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %</p>	<p>Power: 200 W*2 PCS Operation Voltage : 18 V Operation Current :11 . 12 A Open circuit voltage: 22 V Short circuit current:11 . 46 A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %</p>
<p><b>Option 1:Gel Battery</b> Rated Capacity: 100 AH Rated Voltage: 12 V Deep Cycle Maintenance Free</p>	<p>Rated Capacity: 100 AH* 2 PCS Rated Voltage: 12 V Deep Cycle Maintenance Free</p>	<p>Rated Capacity: 120 AH* 2 PCS Rated Voltage: 12 V Deep Cycle Maintenance Free</p>	<p>Rated Capacity: 150 AH* 2 PCS Rated Voltage: 12 V Deep Cycle Maintenance Free</p>
<p><b>Option 2:Lithium Battery</b> Rated Capacity: 72 AH Rated Voltage:12 . 8V Deep Cycle:2500 times Maintenance Free Type:LiFePO4 18650 / 32650</p>	<p>Rated Capacity: 72 AH Rated Voltage:25 . 6V Deep Cycle:2500 times Maintenance Free Type:LiFePO4 18650 / 32650</p>	<p>Rated Capacity: 84 AH Rated Voltage:25 . 6V Deep Cycle:2500 times Maintenance Free Type:LiFePO4 18650 / 32650</p>	<p>Rated Capacity: 102 AH Rated Voltage:25 . 6V Deep Cycle:2500 times Maintenance Free Type:LiFePO4 18650 / 32650</p>
<p><b>Solar Controller</b> Rated Voltage: 12 V/24 V Rated Current: 10 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse - connection</p>	<p>Rated Voltage: 12 V/24 V Rated Current: 15 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse - connection</p>	<p>Rated Voltage: 12 V/24 V Rated Current: 20 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse - connection</p>	<p>Rated Voltage: 12 V/24 V Rated Current: 20 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse connection</p>
<p><b>Street Light pole</b> Height: 6 m Top/Bottom Diameter: 70/140 mm ; Thickness: 3 . 0mm Flange:240*240*12 mm Hot dip galvanized pole with powder coating</p>	<p>Height: 8 m Top/Bottom Diameter: 80/160 mm ; Thickness: 3 . 5mm Flange:300*300*14 mm Hot dip galvanized pole with powder coating</p>	<p>Height: 10 m Top/Bottom Diameter: 90/190 mm ; Thickness: 4 . 0mm Flange:350*350*18 mm Hot dip galvanized pole with powder coating</p>	<p>Height: 12 m Top/Bottom Diameter: 100/210 mm ; Thickness: 4 . 5mm Flange:400*400*20 mm Hot dip galvanized pole with powder coating</p>
<p><b>Anchor Bolt</b> J bolt : M16 Number of J bolt: 4 pcs Length of J bolt: 500 mm ( hot galvanized J bolt available)</p>	<p>J bolt : M18 Number of J bolt: 4 pcs Length of J bolt: 700 mm ( hot galvanized J bolt available)</p>	<p>J bolt : M18 Number of J bolt: 4 pcs Length of J bolt: 900 mm ( hot galvanized J bolt available)</p>	<p>J bolt : M20 Number of J bolt: 4 pcs Length of J bolt: 1100 mm ( hot galvanized J bolt available)</p>
RVV 2*2.5mm <sup>2</sup>	RVV 2*2.5mm <sup>2</sup>	RVV 2*2.5mm <sup>2</sup>	RVV 2*2.5mm <sup>2</sup>
Working time:12 hours per day,3days backup		For reference only , all can customized by customer design	



**Main Parts**



LED Street Light



Solar Panel



Option 1: Gel Battery



Option 2: Lithium Battery



Solar Controller



Street Light pole



Anchor Bolt

**Specification**

6M 30W	8M 60W	10M 80W	12M 100W
<b>LED Street Light</b> Power: 30 W*2 PCS Led Chip: Philips lumileds/ CREE/ OSRAM/ NICHIA Lumen: 130 Lm / w Voltage: DC12 V Color temperature: 2700 - 6500K Color Rendering index: Ra> 7.5 IP rating: IP65	Power: 60 W* 2 PCS Led Chip: Philips lumileds/ CREE/ OSRAM/ NICHIA Lumen: 130 Lm / w Voltage: DC24 V Color temperature: 2700 - 6500K Color Rendering index: Ra> 7.5 IP rating: IP65	Power: 80 W*2 PCS Led Chip: Philips lumileds/ CREE/ OSRAM/ NICHIA Lumen: 130 Lm / w Voltage: DC24 V Color temperature: 2700 - 6500K Color Rendering index: Ra> 7.5 IP rating: IP65	Power: 100 W*2 PCS Led Chip: Philips lumileds/ CREE/ OSRAM/ NICHIA Lumen: 130 Lm / w Voltage: DC24 V Color temperature: 2700 - 6500K Color Rendering index: Ra> 7.5 IP rating: IP65
<b>Solar Panel</b> Power: 120 W*2 PCS Operation Voltage : 18 V Operation Current : 6 . 67A Open circuit voltage: 22 V Short circuit current: 6 . 75A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %	Power: 120 W*2 PCS Operation Voltage : 18 V Operation Current : 6 . 67A Open circuit voltage: 22 V Short circuit current: 6 . 75A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %	Power: 150 W*2 PCS Operation Voltage : 18 V Operation Current : 8 . 4A Open circuit voltage: 22 V Short circuit current: 8 . 8A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %	Power: 200 W*4 PCS Operation Voltage : 18 V Operation Current : 11 . 12A Open circuit voltage: 22 V Short circuit current: 11 . 46 A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %
<b>Option 1: Gel Battery</b> Rated Capacity: 100 AH* 2 PCS Rated Voltage: 12 V Deep Cycle Maintenance Free	Rated Capacity: 200 AH* 2 PCS Rated Voltage: 12 V Deep Cycle Maintenance Free	Rated Capacity: 250 AH* 2 PCS Rated Voltage: 12 V Deep Cycle Maintenance Free	Rated Capacity: 150 AH* 4 PCS Rated Voltage: 12 V Deep Cycle Maintenance Free
<b>Option 2: Lithium Battery</b> Rated Capacity: 72 AH Rated Voltage: 25 . 6V Deep Cycle: 2500 times Maintenance Free Type: LiFePO4 18650 / 32650	Rated Capacity: 144 AH Rated Voltage: 25 . 6V Deep Cycle: 2500 times Maintenance Free Type: LiFePO4 18650 / 32650	Rated Capacity: 168 AH Rated Voltage: 25 . 6V Deep Cycle: 2500 times Maintenance Free Type: LiFePO4 18650 / 32650	Rated Capacity: 204 AH Rated Voltage: 25 . 6V Deep Cycle: 2500 times Maintenance Free Type: LiFePO4 18650 / 32650
<b>Solar Controller</b> Rated Voltage: 12 V/24 V Rated Current: 20 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse - connection	Rated Voltage: 12 V/24 V Rated Current: 20 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse - connection	Rated Voltage: 12 V/24 V Rated Current: 20 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse - connection	Rated Voltage: 12 V/24 V Rated Current: 20 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse connection
<b>Street Light pole</b> Height: 6 m Top/Bottom Diameter: 80/150 mm ; Thickness: 3 . 5mm Flange: 260*260*12mm Hot dip galvanized pole with powder coating	Height: 8 m Top/Bottom Diameter: 90/170 mm ; Thickness: 4 . 0mm Flange: 320*320*14mm Hot dip galvanized pole with powder coating	Height: 10 m Top/Bottom Diameter: 100/200 mm ; Thickness: 4 . 5mm Flange: 400*400*20mm Hot dip galvanized pole with powder coating	Height: 12 m Top/Bottom Diameter: 100/240 mm ; Thickness: 5 . 0mm Flange: 500*500*25mm Hot dip galvanized pole with powder coating
<b>Anchor Bolt</b> J bolt : M18 Number of J bolt: 4 pcs Length of J bolt: 700 mm ( hot galvanized J bolt available)	J bolt : M20 Number of J bolt: 4 pcs Length of J bolt: 700 mm ( hot galvanized J bolt available)	J bolt : M20 Number of J bolt: 4 pcs Length of J bolt: 900 mm ( hot galvanized J bolt available)	J bolt : M24 Number of J bolt: 4 pcs Length of J bolt: 1100 mm ( hot galvanized J bolt available)
RVV 2*2.5mm <sup>2</sup>	RVV 2*2.5mm <sup>2</sup>	RVV 2*2.5mm <sup>2</sup>	RVV 2*2.5mm <sup>2</sup>

Working time: 12 hours per day, 3 days backup

For reference only , all can customized by customer design



Specification					
Product Code	SR -AIT- 15W	SR -AIT- 20W	SR -AIT-30W	SR -AIT-40W	
LED Soucre	Power	15W	20W	30W	40W
	Brand of LED chip	Philips Lumileds/ Osram/ CREE	Philips Lumileds/ Osram/ CREE	Philips Lumileds/ Osram/ CREE	Philips Lumileds/ Osram/ CREE
	CCT	3000K - 6500K	3000K - 6500K	3000K - 6500K	3000K - 6500K
	Light Efficiency	100 - 130Lm/W	100 - 130Lm/W	100 - 130Lm/W	100 - 130Lm/W
	Housing material	Aluminium	Aluminium	Aluminium	Aluminium
Lithium Battery	Capacity	12 . 8V /14Ah LiFePO4	12 . 8V /20Ah LiFePO4	12 . 8V /30Ah LiFePO4	12 . 8V /40Ah LiFePO4
Working time	8 - 12hours per night	8 - 12hours per night	8 - 12hours per night	8 - 12hours per night	
Backup days	2 -3days	2 -3days	2 -3days	2 -3days	
Discharging time	>24 hours	>24 hours	>24 hours	>24 hours	
Ambient temperature	- 25 ~ 60 C	- 25 ~ 60 C	- 25 ~ 60 C	- 25 ~ 60 C	
Install Diameter	48 - 60mm	48 - 60mm	48 - 60mm	48 - 60mm	
IP Grade	IP65	IP65	IP65	IP65	
Solar controller	12V/10A MPPT	12V/10A MPPT	12V/10A MPPT	12V/10A MPPT	
Solar Panel	Depend Install Location	Depend Install Location	Depend Install Location	Depend Install Location	



**Main Parts**



LED Street Light



Solar Panel



Gel Battery  
(Lithium Battery Available)



Option 2: Lithium Battery



Solar Controller



Street Light pole



Anchor Bolt

Specification		
8M 60W	10M 80W	12M 100W
<p><b>LED Street Light</b> Power: 30 w Led Chip: Philips Lumileds/ CREE/ OSRAM/ NICHIA Lumens: 130 Lm/w Voltage: DC12 V Color temperature: 2700 - 6500K Color Rendering index: Ra&gt;7.5 IP rating: IP65</p>	<p>Power: 60 w Led Chip: Philips Lumileds/ CREE/ OSRAM/ NICHIA Lumens: 130 Lm/w Voltage: DC24 V Color temperature: 2700 - 6500K Color Rendering index: Ra&gt;7.5 IP rating: IP65</p>	<p>Power: 80 w Led Chip: Philips Lumileds/ CREE/ OSRAM/ NICHIA Lumens: 130 Lm/w Voltage: DC24 V Color temperature: 2700 - 6500K Color Rendering index: Ra&gt;7.5 IP rating: IP65</p>
<p><b>Solar Panel</b> Power: 90 W Operation Voltage : 18 V Operation Current : 5 . 1A Open circuit voltage: 22 V Short circuit current: 5 . 6A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %</p>	<p>Power: 90 W*2 PCS Operation Voltage : 18 V Operation Current : 5 . 1A Open circuit voltage: 22 V Short circuit current: 5 . 6A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %</p>	<p>Power: 120 W*2 PCS Operation Voltage : 18 V Operation Current : 6 . 67A Open circuit voltage: 22 V Short circuit current: 6 . 75A Material Type: Mono Crystalline Silicon Efficiency of solar cells: 18 %</p>
<p><b>Gel Battery (Lithium Battery Available)</b> Rated Capacity: 100 AH Rated Voltage: 12 V Deep Cycle Maintenance Free (Lithium Battery Available)</p>	<p>Rated Capacity: 100 AH* 2 PCS Rated Voltage: 12 V Deep Cycle Maintenance Free (Lithium Battery Available)</p>	<p>Rated Capacity: 120 AH* 2 PCS Rated Voltage: 12 V Deep Cycle Maintenance Free (Lithium Battery Available)</p>
<p><b>Option 2: Lithium Battery</b> Voltage: 12 V/24 V Power: 300 W Rated wind speed: 11 m/ s Security wind speed: 4.5 m/ s Generator type: Three phase permanent magnet ac synchronous generator Blade material: Casting - aluminum alloy</p>	<p>Voltage: 12 V/24 V Power: 300 W Rated wind speed: 11 m/ s Security wind speed: 4.5 m/ s Generator type: Three phase permanent magnet ac synchronous generator Blade material: Casting - aluminum alloy</p>	<p>Voltage: 12 V/24 V Power: 300 W Rated wind speed: 11 m/ s Security wind speed: 4.5 m/ s Generator type: Three phase permanent magnet ac synchronous generator Blade material: Casting - aluminum alloy</p>
<p><b>Solar Controller</b> Rated Voltage: 12 V/24 V Rated Current: 10 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse - connection</p>	<p>Rated Voltage: 12 V/24 V Rated Current: 15 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse - connection</p>	<p>Rated Voltage: 12 V/24 V Rated Current: 20 A Automatic Light and Time Control Over- Charging / Discharging Protection Reverse - connection</p>
<p><b>Street Light pole</b> Height: 6 m Top/ Bottom Diameter: 90/150 mm ; Thickness: 3 . 5mm Flange: 300*300*14 mm Hot dip galvanized pole with powder coating</p>	<p>Height: 8 m Top/ Bottom Diameter: 90/170 mm ; Thickness: 4 . 0mm Flange: 350*350*16 mm Hot dip galvanized pole with powder coating</p>	<p>Height: 10 m Top/ Bottom Diameter: 90/200 mm ; Thickness: 4 . 5mm Flange: 400*400*20 mm Hot dip galvanized pole with powder coating</p>
<p><b>Anchor Bolt</b> J bolt : M16 Number of J bolt: 4 pcs Length of J bolt: 500 mm ( hot galvanized J bolt available)</p>	<p>J bolt : M18 Number of J bolt: 4 pcs Length of J bolt: 700 mm ( hot galvanized J bolt available)</p>	<p>J bolt : M20 Number of J bolt: 4 pcs Length of J bolt: 900 mm ( hot galvanized J bolt available)</p>
RVV 2*2.5mm <sup>2</sup>	RVV 2*2.5mm <sup>2</sup>	RVV 2*2.5mm <sup>2</sup>
<p><b>Working time: 12 hours per day, 3 days backup</b> Note: All Specification for reference only, all can customized by customer design</p>		



# INTEGRATED SOLAR STREET LIGHT

Mini Integrated Solar Lights ( 10-30W)

Integrated Solar Lights (30-60W)

Integrated Solar Lights (80- 100W)



MINI INTEGRATED SOLAR LIGHTS ( 10 - 30 W)

Specification

Product Code	SR - ECOISL - 10W	SR - ECOISL - 20W	SR - ECOISL - 30W
Flat compact solar panel	10W, 10 years span life	20W, 10 years span life	35W, 10 years span life
Li - ion battery	3 . 7V, 8000mAh	7 . 4V, 8000mAh	7 . 4V 18000mAh (maximum 40AH)
LED	Lumileds chip/ 15 pcs, 8 0 0 lumens	Lumileds chip/ 3 0 pcs, 1 8 0 0 lumens	2 8 3 5 SMD chip Philip 3 0 3 0 chip( available) 6 0 pcs, 3 2 0 0 lumens
Charging time	9 - 10hours		
Lighting time	8 - 10 hour/ night, 3 days batter back up		
Ray Sensor	< 10lux		
PIR Sensor	5 - 8m, 120°		
Waterproof	IP65		
Install Height	2.5-3.5M	3.5-4.5M	5-8m
Material	Aluminum		
Working temperature	-25℃ to 65℃		
Warranty	3 years		
Size	505*235*85mm	640*294*85mm	767*365*105 . 6mm





INTEGRATED SOLAR LIGHTS (30 - 60W)

INTEGRATED SOLAR LIGHTS (80 - 100W)

Technical Characteristics					
Product Code		SR - ISL - 30W	SR -- ISL - 40W	SR - ISL - 50W	SR - ISL - 60W
Solar panel	Max power	18V60W (mono - crystalline silicon)		18V70W (mono - crystalline silicon)	18V80W (mono - crystalline silicon)
	Life time	25 years			
Lithium Battery	Type	LiFePO4 12 . 8V/24AH	LiFePO4 12 . 8V/30AH	LiFePO4 12 . 8V/36AH	LiFePO4 12 . 8V/36AH
	Life time	5 years			
	Max power	12V 30W	12V 40W	12V 50W	12V 60W
LED Lamp	led chip brand	Philips Lumileds 3030 / CREE/ ORSAM			
	lumen (LM)	3300 -3600lm	4400 -4800lm	5500 - 6000lm	6600 - 7200lm
	Life time	100000 hours			
	Angle	140°*70°			
Charging time	by sun	4 - 6 hours			
Discharge time		8 - 10 hours per night with PIR sensor, 3 days backup			
working Temperature	range( C )	- 30 C~ + 70 C			
color temperature	range(k)	3000 - 6500k			
mounting height	range (m)	5 - 7m		6 - 8m	6 - 8m
space between light	range (m)	15 -20m		15 -25m	20 -30m
Lamps material		aluminum alloy			

Technical Characteristics			
Product Code		SR - ISL - 80W	SR -- ISL - 100W
Solar panel	Max power	18V110W (mono - crystalline silicon)	18V120W (mono - crystalline silicon)
	Life time	25 years	
Lithium Battery	Type	LiFePO4 12 . 8V/54AH	LiFePO4 12 . 8V/54AH
	Life time	5 years	
	Max power	12V 80W	12V 100W
LED Lamp	led chip brand	Philips Lumileds 3030/CREE/ORSAM	
	lumen (LM)	8800 - 9600lm	11000 - 12000lm
	Life time	100000 hours	
	Angle	140°*70°	
Charging time	by sun	4 - 6 hours	
Discharge time		8 - 10 hours per night with PIR sensor, 3 days backup	
working Temperature	range( C )	- 30 C~ + 70 C	
color temperature	range(k)	3000 - 6500k	
mounting height	range (m)	7 - 10m	8 - 12m
space between light	range (m)	25 -35m	30 -40m
Lamps material		aluminum alloy	

# ECO SOLAR STREET LIGHT

ECO Solar Street Light

Solar Flood Light



ECO Solar Street Light

Products Code	Power	Panel Capacity	18650 Ternary Lithium Battery Capacity	Dimension	Panel Dimension	Lumens	Lamp Bead	Materials	Charging	Working time	CCT.	IP.
SR -AIT- 02A	50W	6v/12w	3 . 7v/10000mAH	500*210 . 5*650mm	290*340*17mm	5000lm	120 pcs	diecasting Aluminum	12HS	2-3 rainy days	3000K, 4000K, 6500k	65
SR -AIT- 02B	100W	6v/15w	3 . 7v/12000mAH	50m*210 . 5*650mm	350*350*18mm	10000lm	256 pcs					
SR-AIT- 02C	150W	6V/20W	3 . 7V/16000mAH	500*210 . 5*651mm	350*450*18mm	15000lm	320 pcs					
SR -AIT- 02D	200W	12V/25W	3 . 7V/16000mAH	50m*210 . 5*651mm	350*600*25mm	20000lm	400 pcs					

ECO Solar Street Light( Plastic type)

Products Code	Power	Panel Capacity	18650 Ternary Lithium Battery Capacity	Dimension	Panel Dimension	Lumens	Lamp Bead	Materials	Charging	Working time	CCT.	IP.	Warranty
SR - PSL -20W	20W	6v/8w	3 . 7v/6000mAH	180*360mm	178*278mm	2200lm	60 pcs	ABS Engineering Plastic	12HS	2-3 rainy days	3000K - 6500k	65	2 years
SR - PSL -40W	40W	6v/10w	3 . 7v/8000mAH	185*465mm	178*378mm	4400lm	120 pcs						
SR - PSL - 60W	60W	6V/13W	3 . 7V/10000mAH	190*595mm	178*484mm	6600lm	180 pcs						
SR - PSL - 80W	80W	12V/18W	3 . 7V/14000mAH	260*650mm	230*530mm	8800lm	240 pcs						

ECO Solar LED Flood Light

Product Code	SR - ECOISL - 10W	SR - ECOISL - 20W	SR - ECOISL -30W	SR - ECOISL -30W
Application Place	Highway/ Community/ Villa/ Square/ Park and etc .			
Power	50W	100W	150W	200W
Luminous Flux	5000LM	10000LM	15000LM	20000LM
Light Effect	100LM/W			
Charging time	6H			
Lighting time	Full power can be illuminated for more than 24 hours			
Lighting area	50mm2	80mm2	160mm2	180mm2
Sensing Range	180° 5 - 8 meters			
Solar Panel	6V/10W POLY	6V/15W POLY	6V/25W POLY	6V/25W POLY
Battery Capacity	3 . 7V/6000mA lithium battery	3 . 7V/10000mA lithium battery	3 . 7V/14000mA lithium battery	3 . 7V/10000mA lithium battery
Chip	120PCS	256PCS	320PCS	400PCS
Color Temperature	3000 - 6500K			
Material	Die - cast aluminum			
Beam angle	120°			
Water proof	I66			
Product Features	Infrared remote control board + light control			
Color rendering index	>80			
Operating temperature	-20 to 50 °C			

# 04 LED STREET LIGHT



CREE PHILIPS

AC100-305V	CRI >80	Pf >0.95	10%~90%	+50°C -35°C	50,000h
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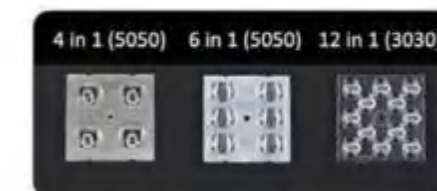


LED STREET LIGHT(SR- LED - 01)

Specification				
Product Code	SR-LED-01-A	SR-LED-01-B	SR-LED-01-C	SR-LED-01-D
Wattage	40W	80W	120W	160W
Total Lumen	≥4400LM	≥8800LM	≥13200LM	≥18000LM
Chip Brand	CREE/ OSRAM/ PHILIPS	CREE/ OSRAM/ PHILIPS	CREE/ OSRAM/ PHILIPS	CREE/ OSRAM/ PHILIPS
Driver Brand	MW/ PHILIPS	MW/ PHILIPS	MW/ PHILIPS	MW/ PHILIPS
Power Factor	>0.9	>0.9	>0.9	>0.9
Voltage Range	100V-240V	100V-240V	100V-240V	100V-240V
Color temperature	3000 - 6500K	3000 - 6500K	3000 - 6500K	3000 - 6500K
CRI	>75	>75	>75	>75
Working temperature	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C
IP Class	IP65	IP65	IP65	IP65
Life Span	50000 hours	50000 hours	50000 hours	50000 hours
Material	Die - casting aluminium	Die - casting aluminium	Die - casting aluminium	Die - casting aluminium
Package	470*250*200 mm 4 PCS/ CTN	570*270*230mm 4 PCS/ CTN	700*300*200mm 2 PCS/ CTN	800*310*200mm 2 PCS/ CTN
G.W	6.5KG/CTN	13.0KG/CTN	14.0KG/CTN	15.0KG/CTN

CREE PHILIPS

AC100-305V	CRI >80	Pf >0.95	10%~90%	+50°C -35°C	50,000h
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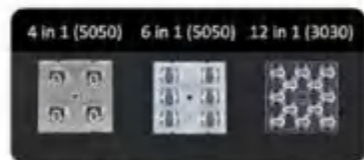
LED lens type

LED STREET LIGHT(SR- LED - 02)

Specification	
Product Code	SR-LED-02
Wattage	120W
Total Lumen	≥13200LM
Chip Brand	CREE/ OSRAM/ PHILIPS
Driver Brand	MW/ PHILIPS
Power Factor	>0.9
Voltage Range	100V-240V
Color temperature	3000 - 6500K
CRI	>75
Insulation Class	- Class 1
Surge Protection	10KV
Working temperature	-40°C to 60°C
IP Class	IP66
Life Span	50000 hours
Material	Die - casting aluminium
Package	700*300*200 mm
G.W	6.7KG

CREE PHILIPS

AC100-305V	CRI >80	Pf >0.95	10%~90%	+50°C -35°C	50,000h
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LED lens type



LED STREET LIGHT(SR- LED - 03)

Specification		
Product Code	SR-LED-03-A	SR-LED-03-B
Wattage	100W	180W
Total Lumen	≥12000LM	≥21600LM
Chip Brand	PHILIPS 5050	PHILIPS 5050
Driver Brand	MW/ PHILIPS	MW/ PHILIPS
Power Factor	>0.9	>0.9
Voltage Range	100V-240V	100V-240V
Color temperature	3000 - 6500K	3000 - 6500K
CRI	>75	>75
Working temperature	-40°C to 60°C	-40°C to 60°C
IP Class	IP66	IP66
Life Span	50000 hours	50000 hours
Material	Die - casting aluminium	Die - casting aluminium
Package	700*310*180 mm	840*370*180mm
G.W	7 KG/CTN	10 KG/CTN

CREE PHILIPS

AC100-305V	CRI >80	Pf >0.95	10%~90%	+50°C -35°C	50,000h
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LED STREET LIGHT(SR- LED - 04)

Specification	
Product Code	SR-LED-04
Wattage	60W -300W
Lumen	≥128Lm/W
Chip Brand	PHILIPS 5050
Driver Brand	PHILIPS/ OSRMA/ CREE
Power Factor	>0.9
Voltage Range	100V-240V
Color temperature	3000 - 6500K
CRI	>75
Working temperature	-40°C to 60°C
IP Class	IP65
Life Span	50000 hours
Material	Die - casting aluminium
Package	Depend power
G.W	Depend power



CREE PHILIPSPHILIPS

AC100-305V	CRI >80	Pf >0.95	10%~90%	+50°C -35°C	50,000h
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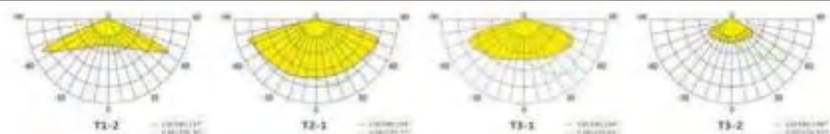
LED lens type



LED STREET LIGHT(SR- LED - 05)

Specification

Product Code	SR-LED-05-A		SR-LED-05-B		SR-LED-05-C	
LED Quantity	24 PCS	36 PCS	48 PCS	64 PCS	80 PCS	100 PCS
Rated Power	40W	80W	100W	150W	180W	230W
Input Voltage	AC 100 -277V 50/60Hz		AC 100 -277V 50/60Hz		AC 100 -277V 50/60Hz	
Power Factor	>0.9		>0.9		>0.9	
Color Temperature	3000K - 6500K		3000K - 6500K		3000K - 6500K	
Initial Efficiency	>120lm/w	>120lm/w	>120lm/w	>125lm/w	>125lm/w	>125lm/w
Color Rendering Index	>70	>70	>70	>70	>70	>70
Installation Pipe Diameter	48/ 60mm		48/ 60mm		48/ 60mm	
Temperature of Working	-30C — 50C		-30C — 50C		-30C — 50C	
Humidity of Working Condition	10 — 90%		10 — 90%		10 — 90%	
LED Lifetime	>70000hr		>70000hr		>70000hr	
Body's Weight	3 .8kg		4 .6kg		5 .5kg	
Protection Grade	IP66/IK09		IP66/IK09		IP66/IK09	



CREE PHILIPS

AC100-305V	CRI >80	Pf >0.95	10%~90%	+50°C -35°C	50,000h
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LED STREET LIGHT(SR- LED - 06)

Specification

Product Code	SR-LED-06-A	SR-LED-06-B	SR-LED-06-C
Wattage	30 - 100W	100 - 150W	150 - 200W
Lumen	≥120LM/W	≥120LM/W	≥120LM/W
Chip Brand	CREE/ OSRAM/ PHILIPS	CREE/ OSRAM/ PHILIPS	CREE/ OSRAM/ PHILIPS
Driver Brand	MW/ PHILIPS	MW/ PHILIPS	MW/ PHILIPS
Power Factor	>0.95	>0.95	>0.95
Voltage Range	90V-305V	90V-305V	90V-305V
Color temperature	3000 - 6500K	3000 - 6500K	3000 - 6500K
CRI	φ>75	φ>75	φ>75
Working temperature	-40C to 60C	-40C to 60C	-40C to 60C
IP Class	IP66	IP66	IP66
IK Class	IK08	IK08	IK08
Insulation Class	Class I/ II	Class I/ II	Class I/ II
Life Span	50000 hours	50000 hours	50000 hours
Material	Die - casting aluminium	Die - casting aluminium	Die - casting aluminium
Package	422*158*338 mm	542*158*338mm	620*158*338mm

CREE PHILIPS

AC100-305V	CRI >80	Pf >0.95	10%~90%	+50℃ -35℃	50,000h
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LED STREET LIGHT(SR- LED - 07)

Specification

Product Code	SR-LED-07-A	SR-LED-07-B	SR-LED-07-C
Wattage	90W	180W	300W
Lumen	≥120LM/W	≥120LM/W	≥120LM/W
Chip Brand	CREE/ OSRAM/ PHILIPS	CREE/ OSRAM/ PHILIPS	CREE/ OSRAM/ PHILIPS
Driver Brand	MW/ PHILIPS	MW/ PHILIPS	MW/ PHILIPS
Power Factor	>0.95	>0.95	>0.95
Voltage Range	90V-305V	90V-305V	90V-305V
Color temperature	3000 - 6500K	3000 - 6500K	3000 - 6500K
CRI	φ >75	φ >75	φ >75
Working temperature	-40 ℃ to 60 ℃	-40 ℃ to 60 ℃	-40 ℃ to 60 ℃
IP Class	IP66	IP66	IP66
IK Class	IK08	IK08	IK08
Insulation Class	Class I/ II	Class I/ II	Class I/ II
Life Span	50000 hours	50000 hours	50000 hours
Material	Die - casting aluminium	Die - casting aluminium	Die - casting aluminium
Package	530*275*155 mm	530*360*155mm	900*360*155mm



Photocell

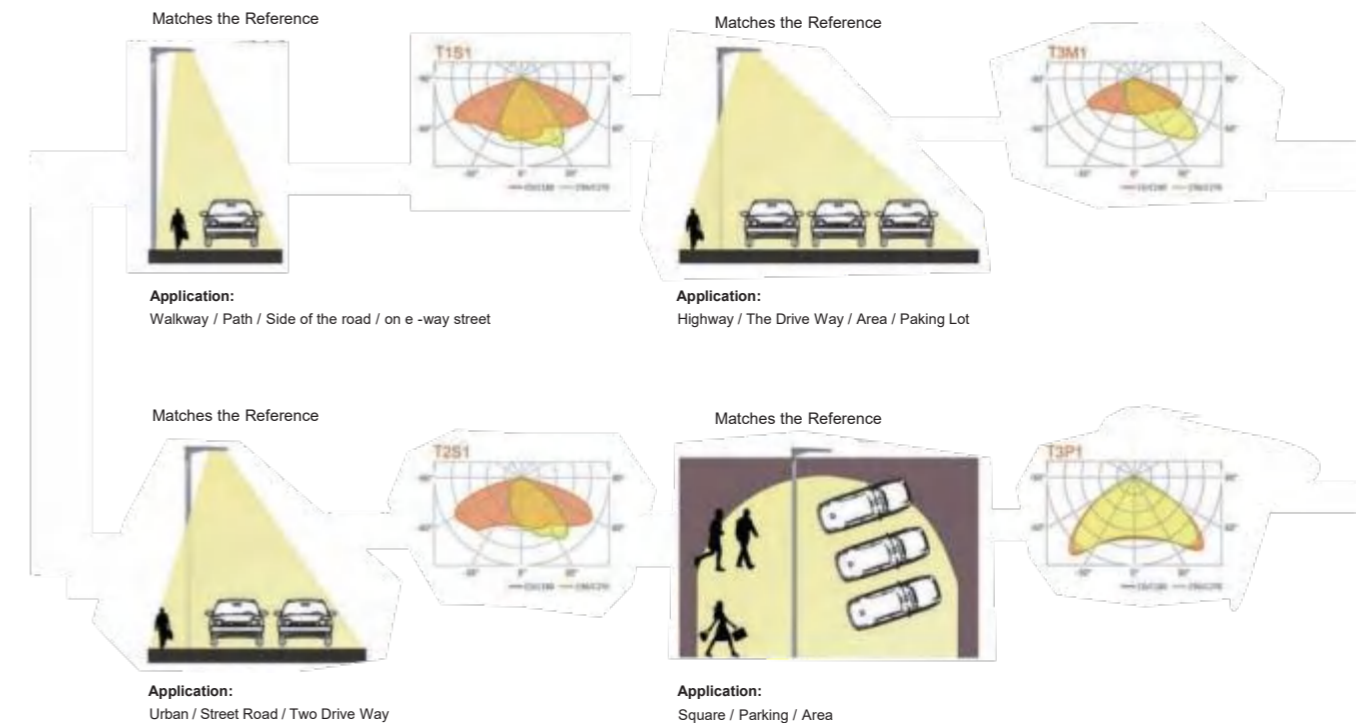


Power-off protection



Surge protection

light distribution curve



# 05 LED GARDEN LIGHT





LED GARDEN LIGHT(SR- LC- 01)

Specification			
Product Code	SR-GL - 01 -A	SR-GL - 01 -B	SR-GL - 01 -C
LED Quantity	16PCS	16PCS	16PCS
Rated Power	40W	60W	85W
Input Voltage	AC 100 -277V 50/60Hz		
Power Factor	>0.9		
Color Temperature	3000K - 6500K		
Luminous Flux	3420lm/3600lm/3940lm	5010lm/5380lm/5620lm	6900lm/7160lm/7650lm
Color Rendering Index	>70	>70	>70
Installation Pipe Diameter	φ89mm		
Temperature of Working Condition	-30C — 50C		
Humidity of Working Condition	10 — 90%		
LED Lifetime	>70000hr		
Protection Grade	IP66		
Light Distribution			



LED GARDEN LIGHT(SR-LC- 02)

Specification	
Product Code	SR-GL - 02
Rated Power	100W
Input Voltage	AC 100 -277V 50/60Hz
Power Factor	>0.9
Color Temperature	3000K - 6500K
Color Rendering Index	>75
Luminous Efficiency	>110Lm/W
LED chip	PHILIPS/ OSRAM/ CREE
LED Driver	PHILIPS/ MEANWELL
Installation Pipe Diameter	76mm
Temperature of Working Condition	-30C — 50C
Humidity of Working Condition	10 — 90%
LED Lifetime	>50000hr
Protection Grade	IP65
Package size	650*650*680mm
G .Weight	13 .2KG

# 06

## TRAFFIC LIGHT

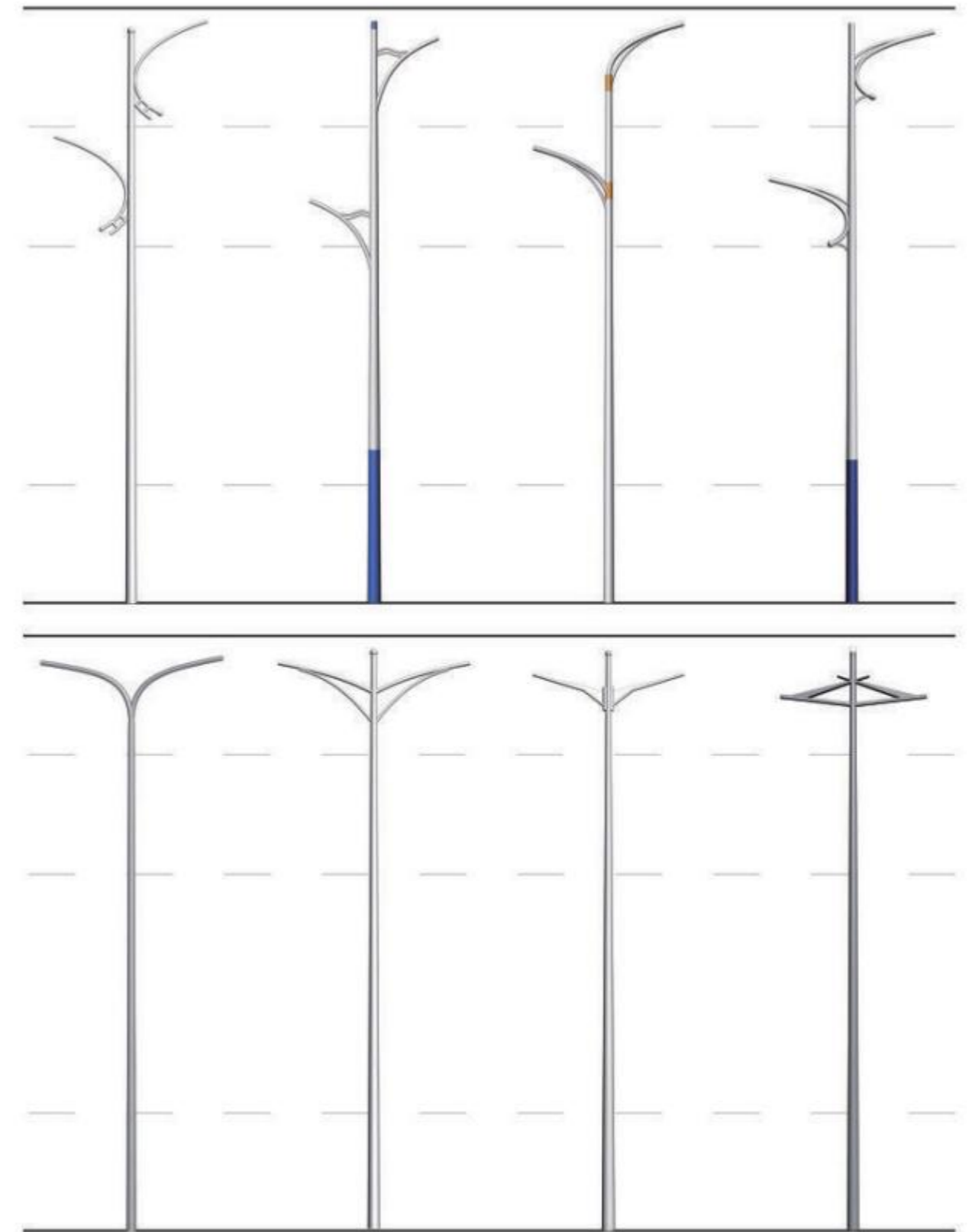
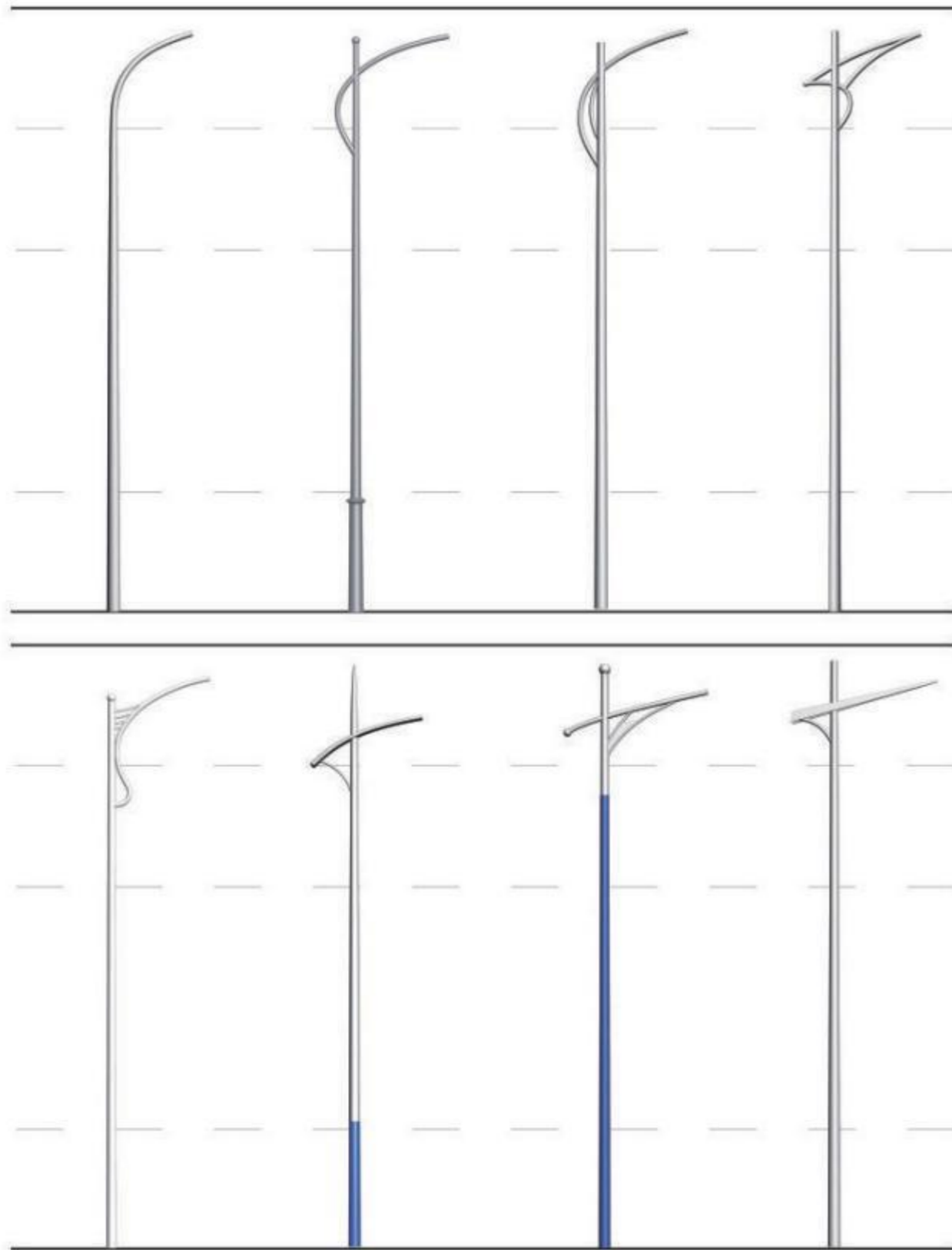




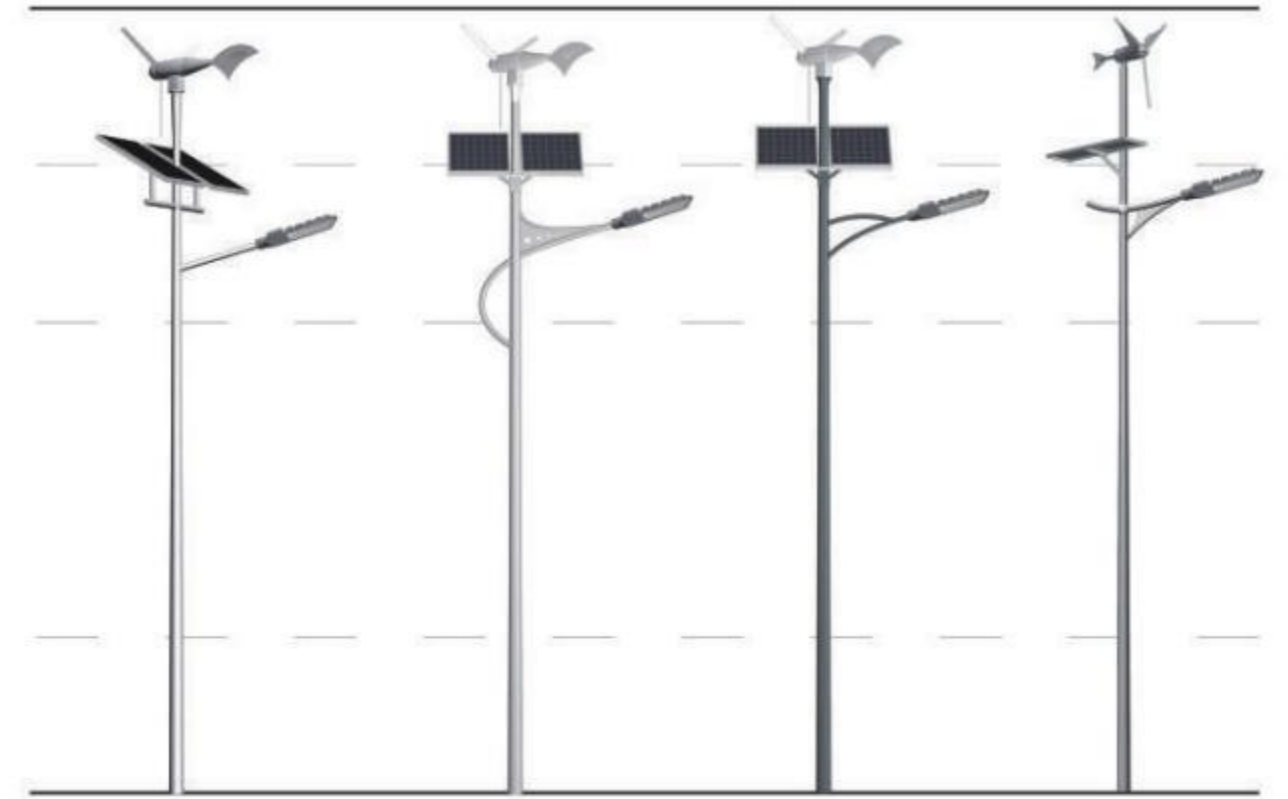
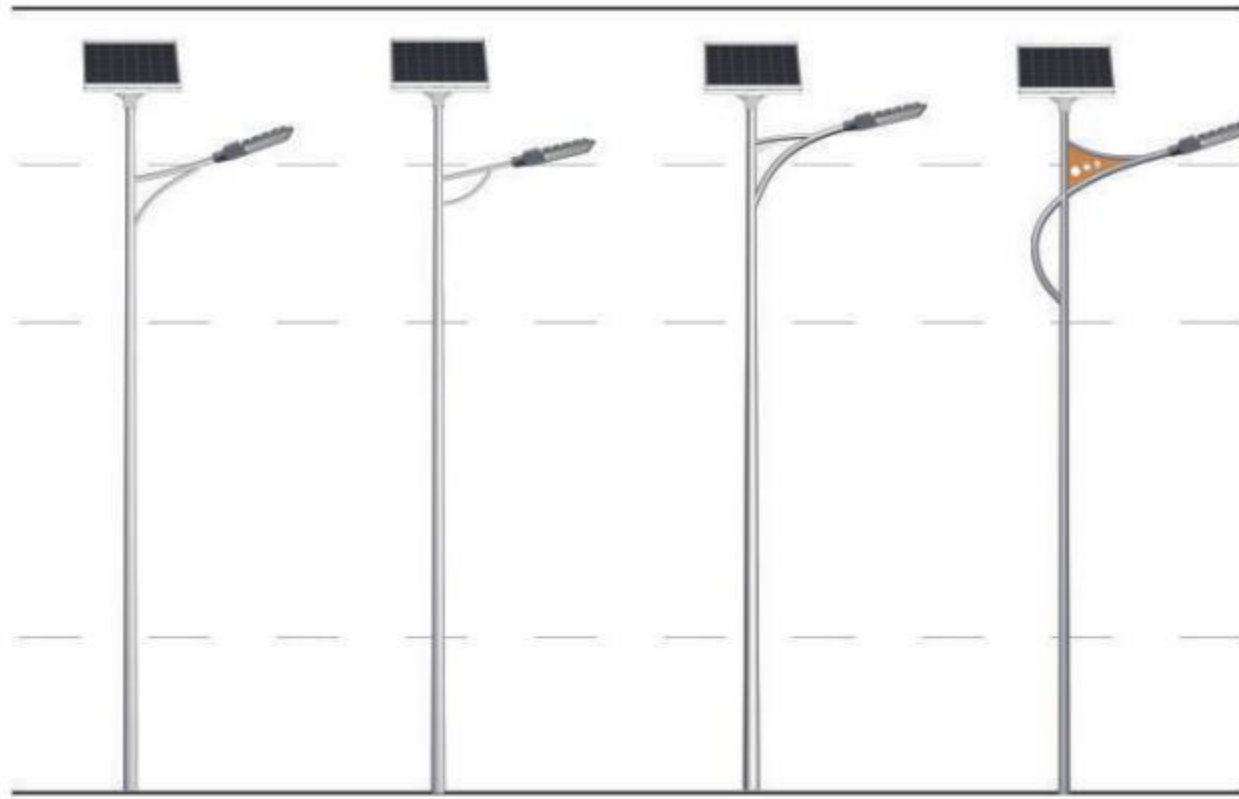
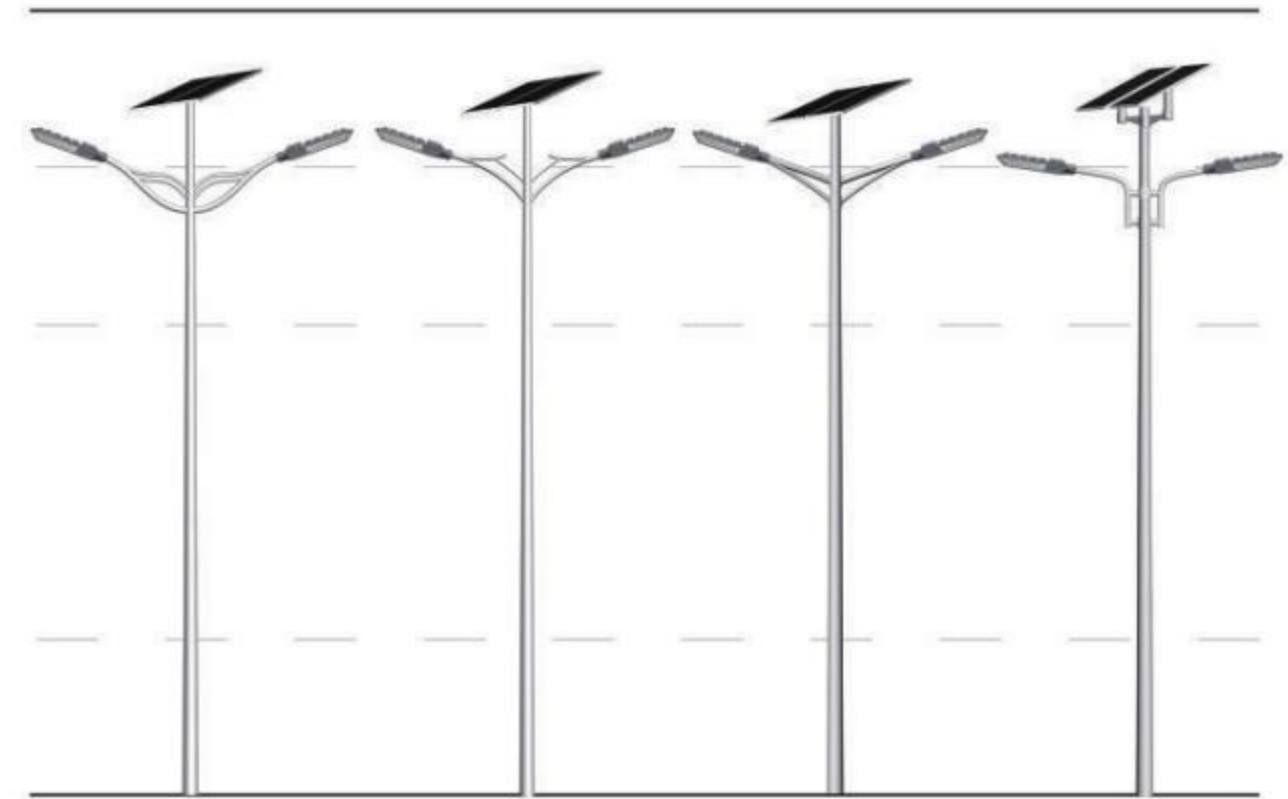
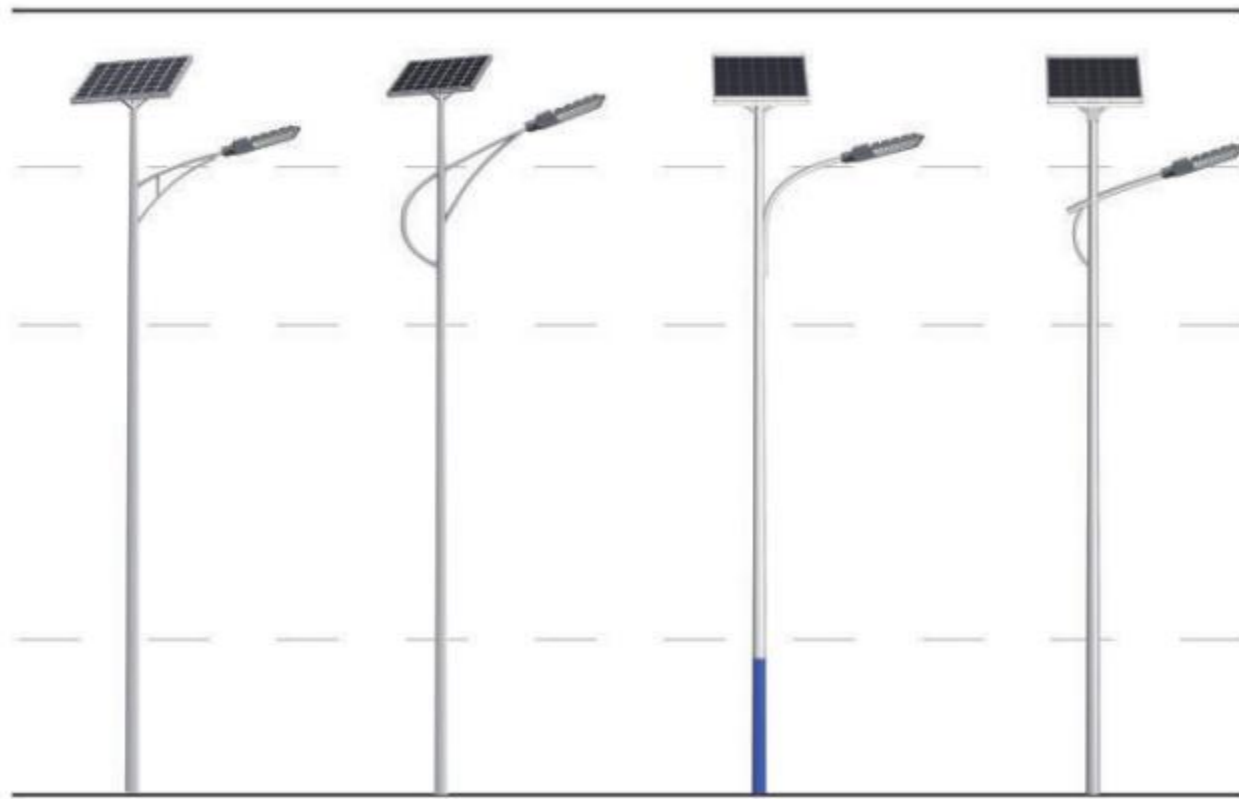
# 07 LIGHTING POLE

LED Street Lighting Pole  
Traffic Lighting Pole

Solar Street Lighting Pole









### PROJECT SHOW

