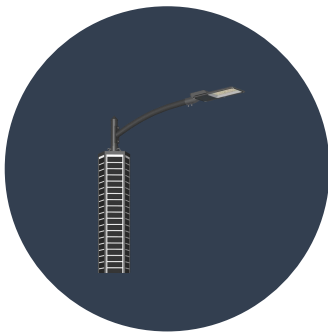




VIVIDNESS[®]



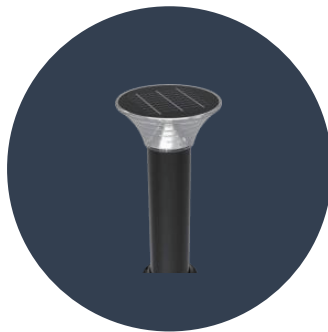
Integrated
solar street lights



Panel type
solar street lights



Solar Garden Light



Solar lawn light



Solar wall light

Jun
Product Manager

Address: No.1 Lefeng 6th Road, HenglanTown,Zhongshan City

Web:ledsolarstreetlight.com Email:vividnessled@gmail.com

WhatsApp:+8613527181325 Tel:+86 13527181325



WeChatAPP



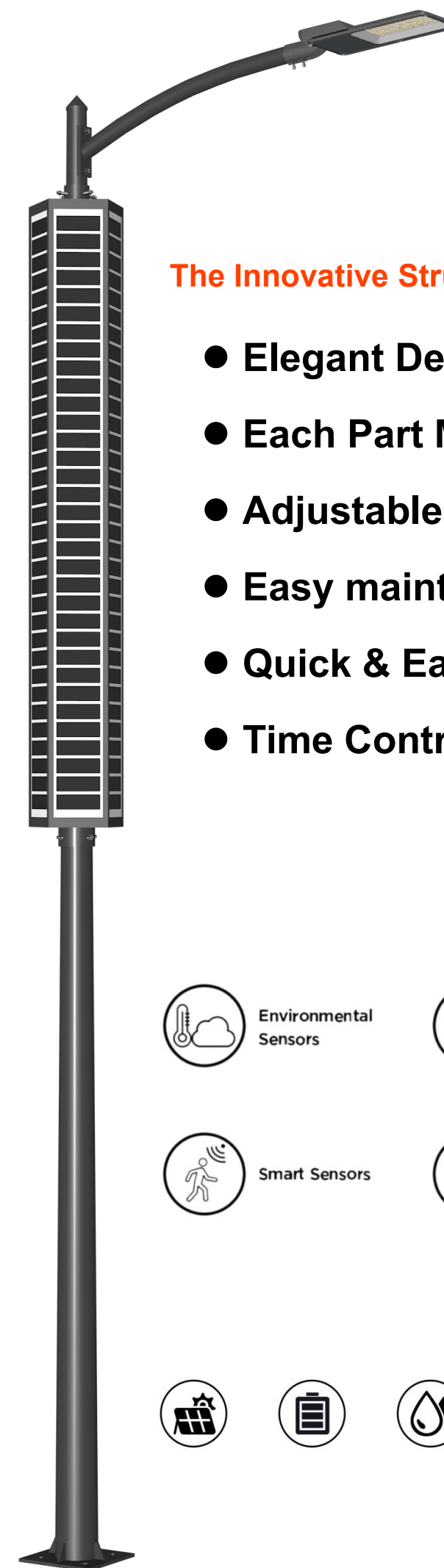
WhatsApp



Instagram



- Elegant Design
- Better integration into every scene
- Complete specifications
- suitable for all lighting scenarios
- A lamp not only provides illumination
- but also serves as a guide to urban culture



The Innovative Structure Designed with Great Originality

- Elegant Design
- Each Part Modular Design
- Adjustable mounting angle led module
- Easy maintenance
- Quick & Easy installation
- Time Control/ Dimmable



Environmental
Sensors



Remote
Management System



Easy Installation
& Maintenance



Smart Sensors



High Quality
Lithium Battery



Powered By
The Sun

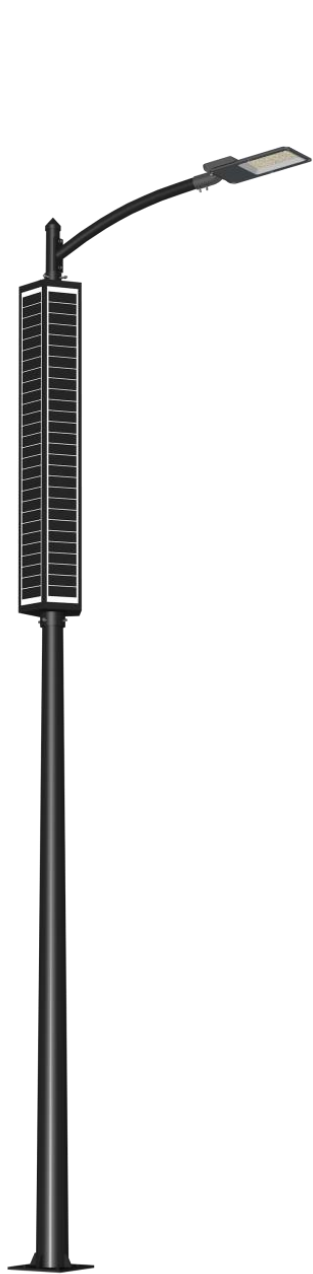


■ Overview

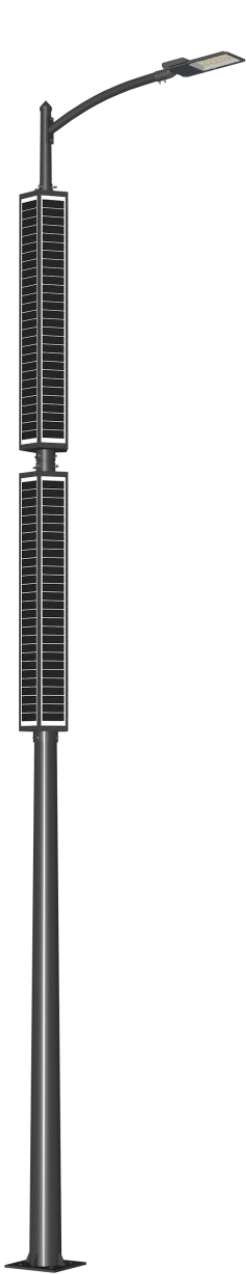
Solar street lights are an efficient solution to provide lighting without the need for connecting utility electricity.

Every lights are an independent integrated solar lighting system,it works automatically with the light sensor no need of electric wires for installation.

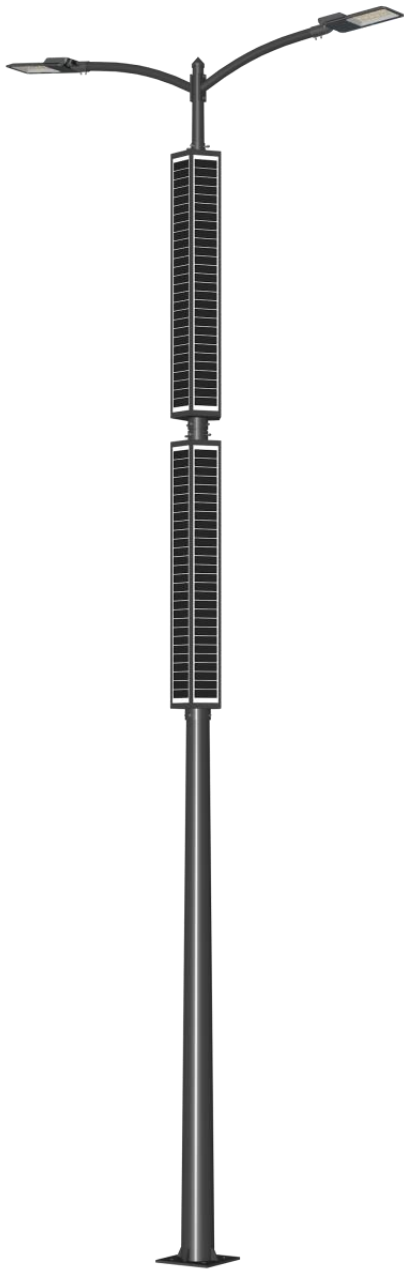
The led lamp, solar panel, solar controller and storage battery all in one set, it integrates most advantages of the existing outdoor solar lights, in order to bring you a unique value in the whole commercial solar lighting market.



4-12m
20W-120W

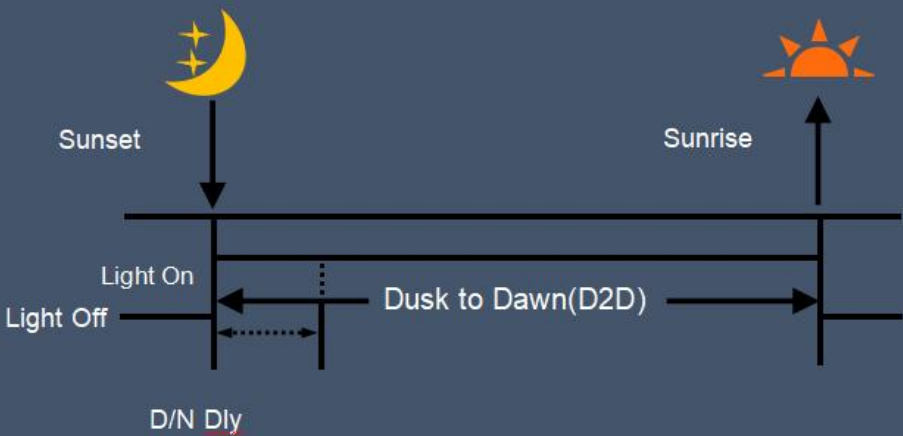


6-12m
30W-120W



6-12m
2X30W-120W

■ Working Mode



Dusk to Dawn Mode

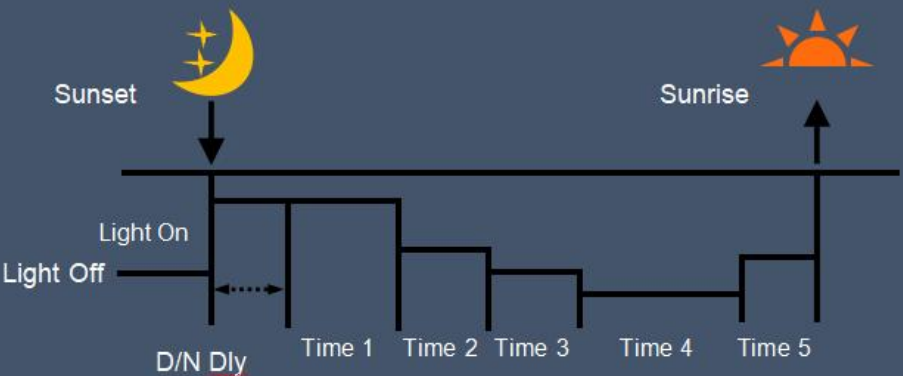
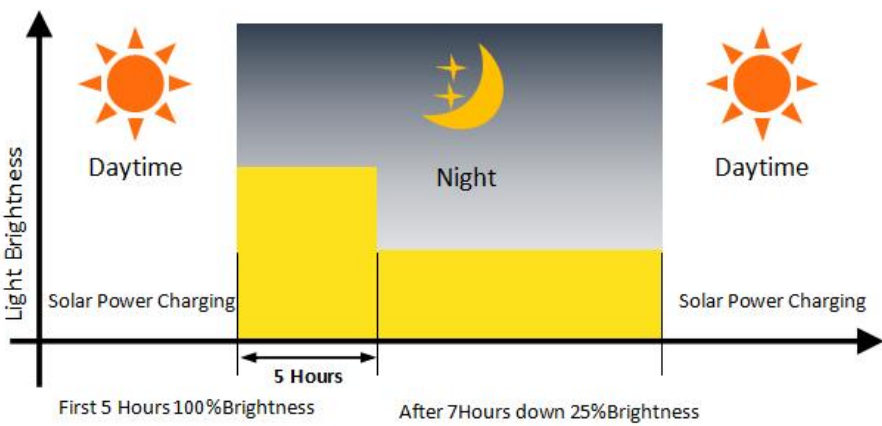
The solar lamp will automatically turn on from dusk to dawn. The light will keep constant brightness in a set power in the period.

*D/N Dly: Day/Night open load delay time. (5s ,Can customize)

Auto Turn on/off

The controller recognize day and night based on the solar panel open circuit voltage. This day/night threshold can be modified according to local solar radiation. The setting range is 3-8V, the standard setting is 5V.

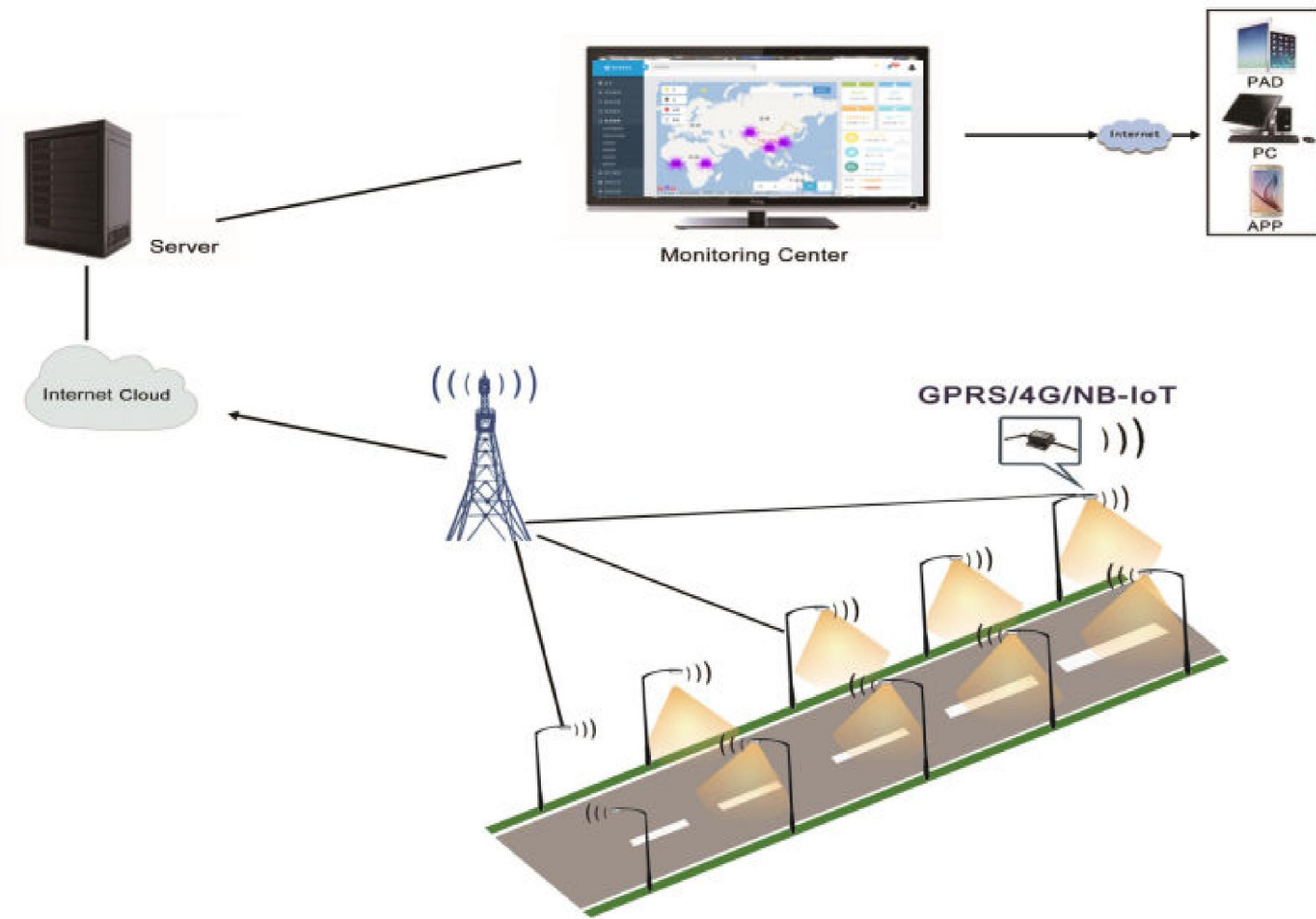
Eg: First 5 hours 100% lighting then dim 25% untail dawn



Four-Stage Night Mode

Customize Mode on the switch

The lamps lighting divide into 5 stage, each stage time and dim can be setting according to demands. With diming setting, it is an efficient way to save energy, and keep the lamp working in best power and time.



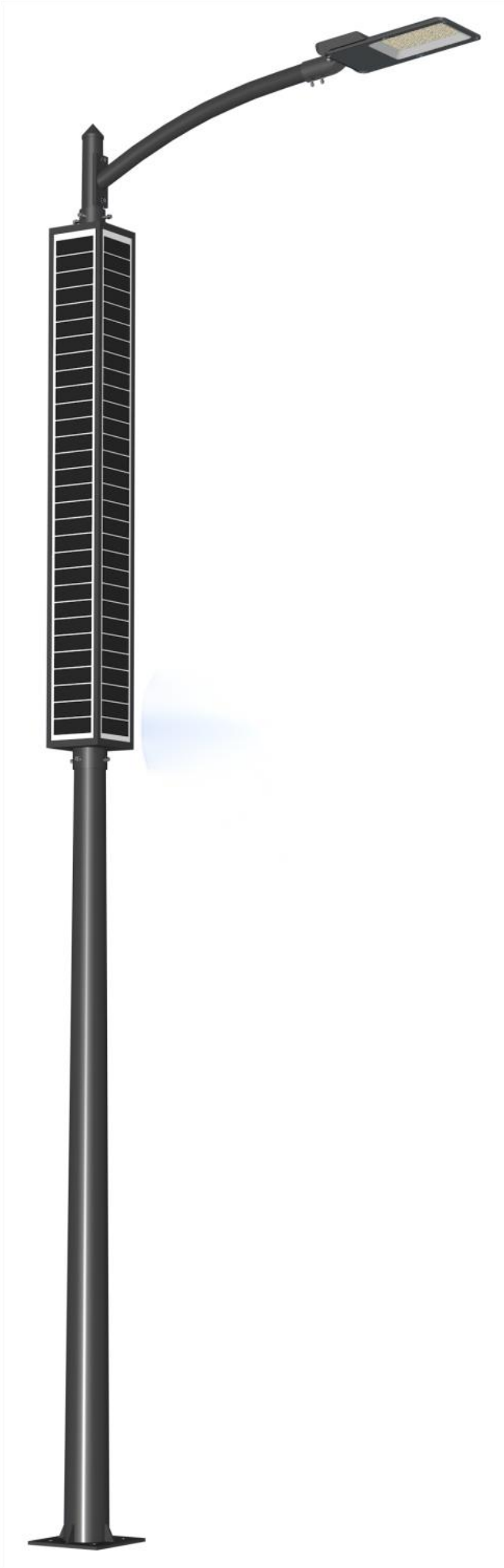
Visual management

Easy to operate

Easy to operate

Intelligent dimming
Reduce energy consumption

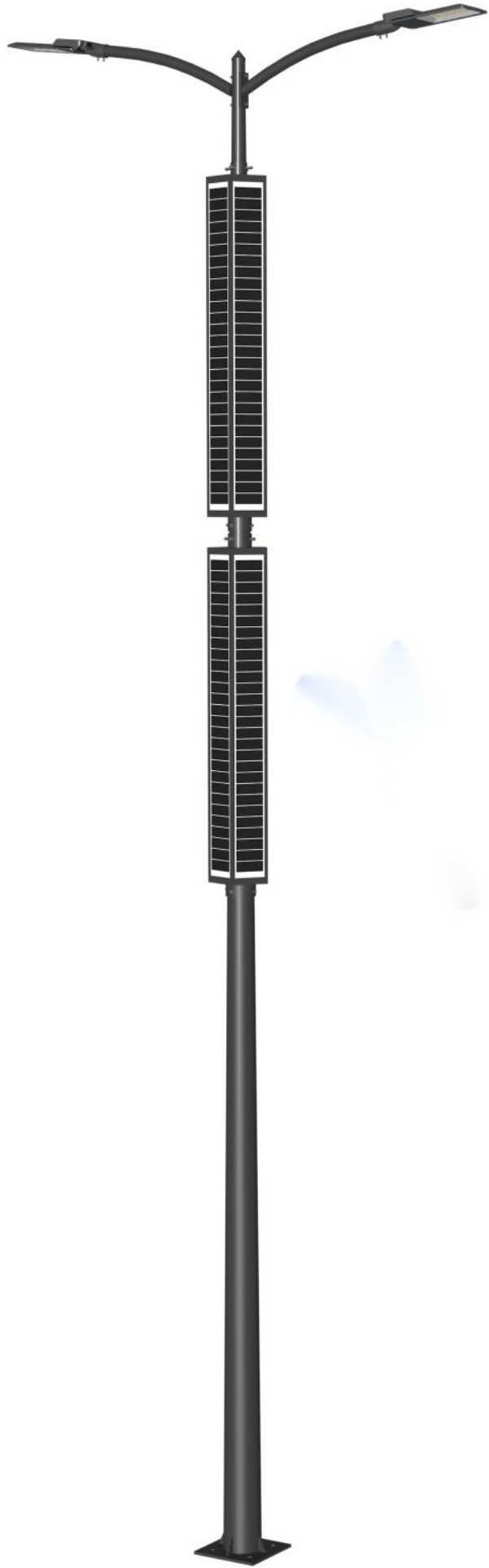
- ◆ The Internet of Things street light system consists of four parts: solar controller, Internet of Things, wireless communication module, cloud server, and client (mobile application, WBE terminal).
- ◆ IoT solar controller: The intelligent solar controller can collect current, voltage, power generation temperature, power consumption, and other system data (such as battery panels, batteries, LED loads, etc.), and transmit the data to the client. In addition, the communication module through the interface can receive power switch and parameter adjustment commands from the client end.
- ◆ Wireless communication module: transmits the data of the solar controller to the cloud platform through the network, namely the gateway, controller, and cloud platform
- ◆ Cloud server: Cloud servers are installed on Alibaba Cloud and Amazon Cloud, responsible for scheduling. Data storage systems, data processing, logical transactions, and processing are all themes of the Internet of Things.
- ◆ Client: The client consists of web and mobile applications. Users can control lights, switches, and adjust street light parameters through both the client and cloud server simultaneously.



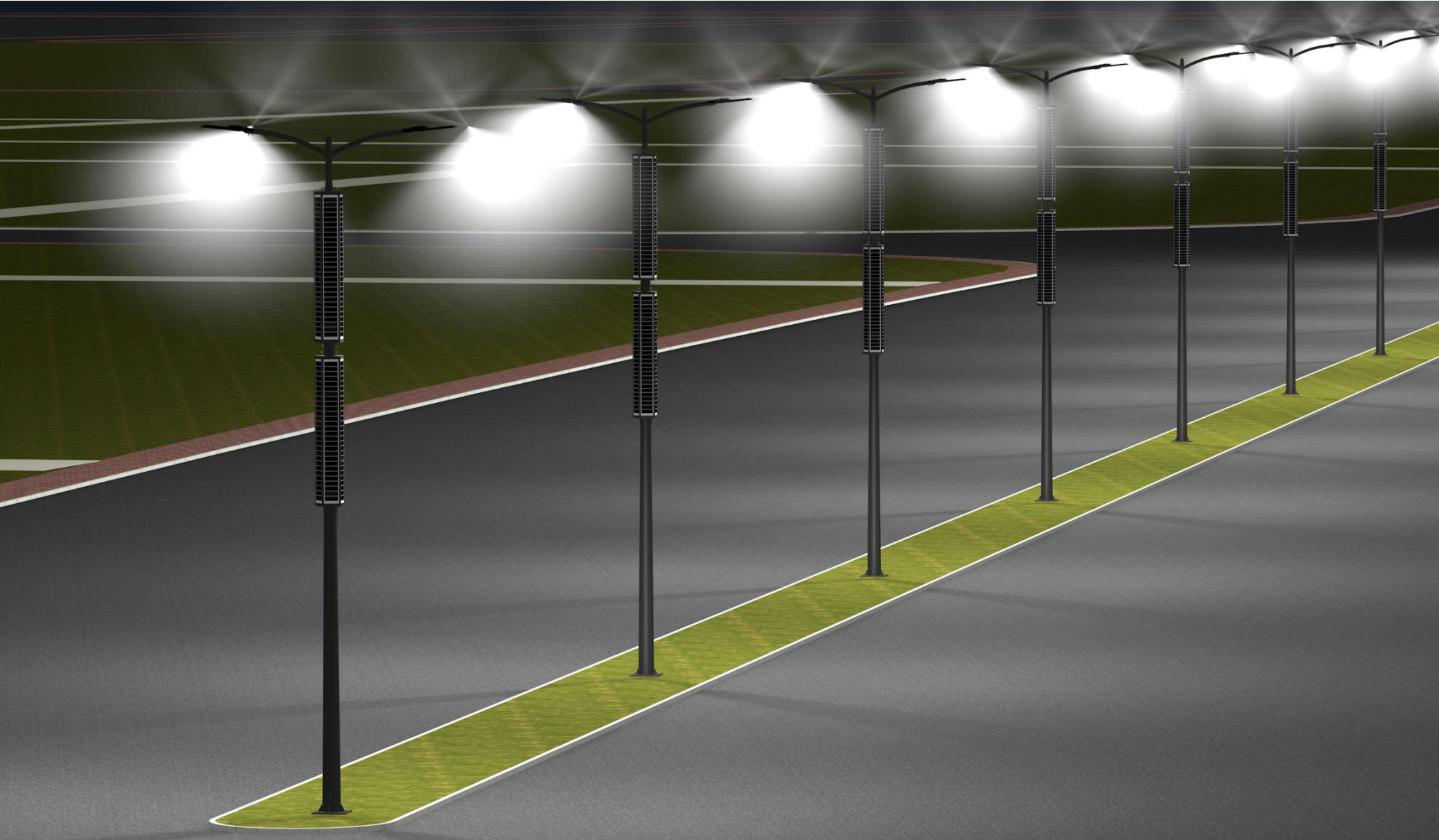
TOWER 1



Model	4M	5M	6M	7M	8M	9M	10M
Watts	40W	50W	60W	70W	80W	90W	100W
Lumen	6000LM	7500LM	9000LM	10500LM	12000LM	13500LM	15000LM
Size(H)	4m	5M	6M	7M	8M	9M	10M
Solar panels	120Wp	160Wp	200Wp	240Wp	320Wp	400Wp	480Wp
Li-ion Battery	537.6WH	691.2WH	921.6WH	1228.8WH	1228.8WH	1228.8WH	1536WH



TOWER 1X2



Model	4M	5M	6M	7M	8M	9M	10M
Watts	30W*2	40W*2	50W*2	60W*2	70W*2	80W*2	100W*2
Lumen	4500LM*2	6000LM*2	7500LM*2	9000LM*2	10500LM*2	12000LM*2	15000LM*2
Size(H)	4m	5M	6M	7M	8M	9M	10M
Solar panels	200Wp	240Wp	320Wp	400Wp	480Wp	500Wp	600Wp
Li-ion Battery	691.2WH	921.6WH	1228.8WH	1536WH	1689.6WH	1996.8WH	2150.4WH



TOWER 2



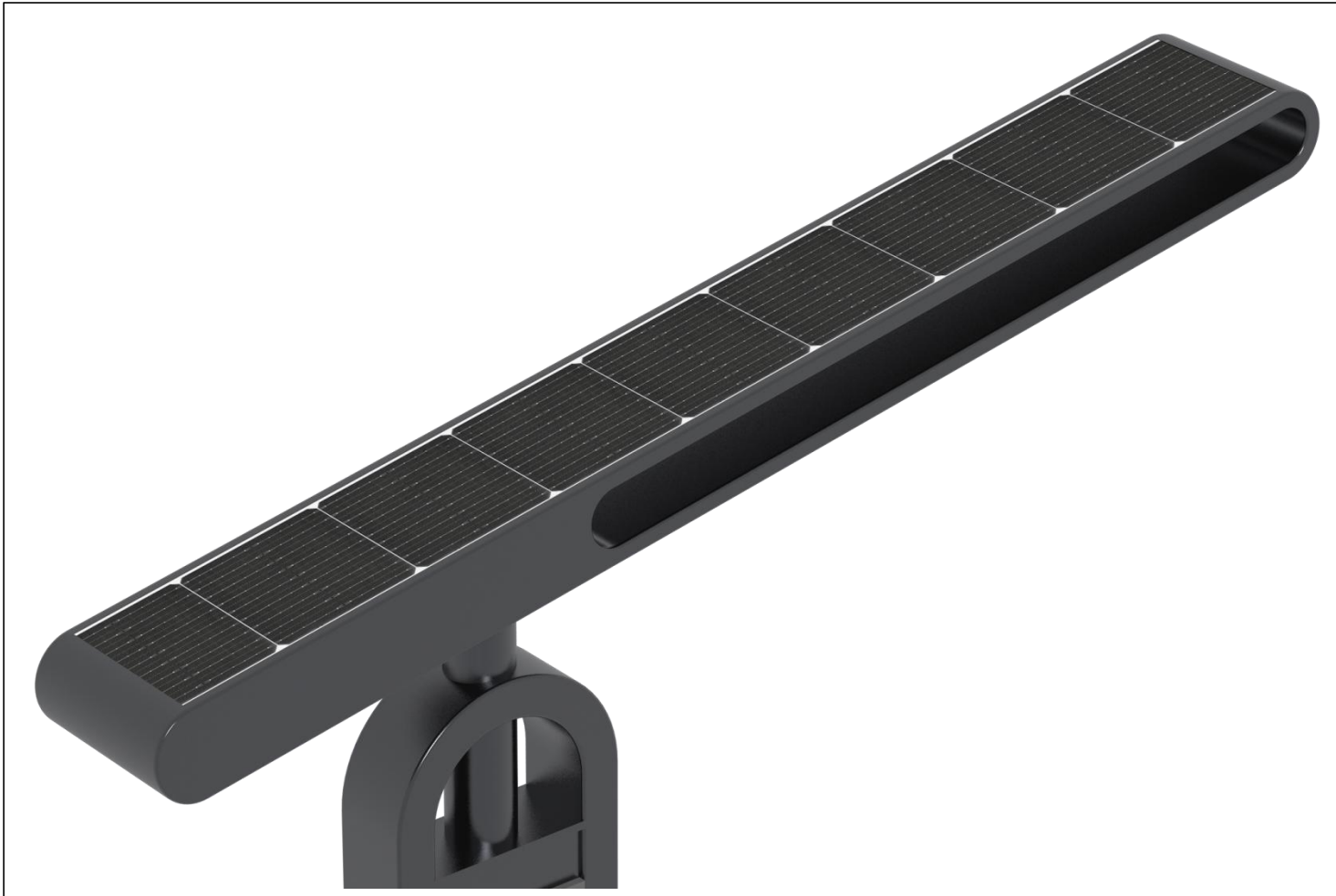
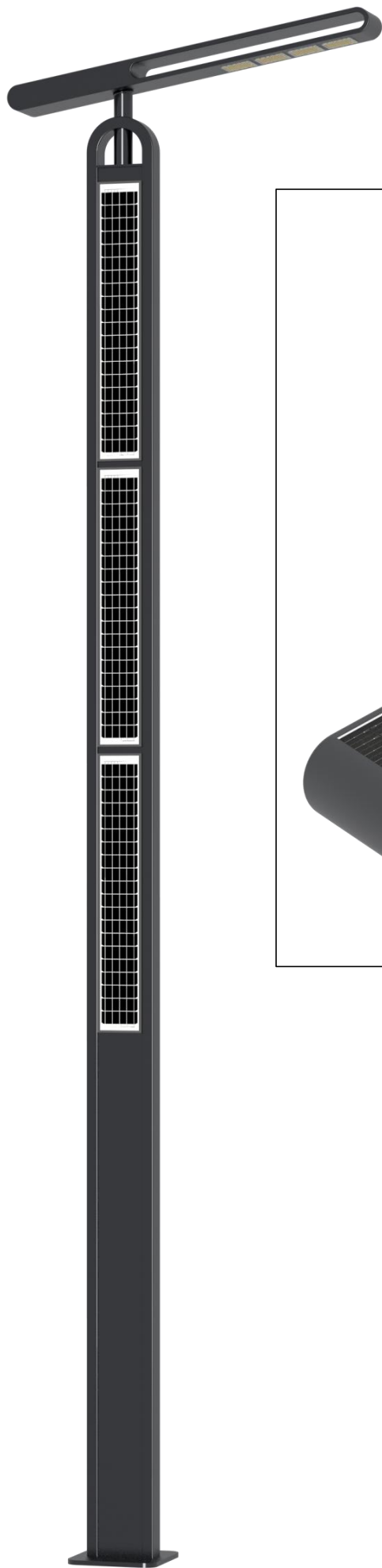
Model	4M	5M	6M	7M	8M	9M	10M
Watts	40W	50W	60W	70W	80W	90W	100W
Lumen	6000LM	7500LM	9000LM	10500LM	12000LM	13500LM	15000LM
Size(H)	4m	5M	6M	7M	8M	9M	10M
Solar panels	140Wp	160Wp	240Wp	260Wp	280Wp	300Wp	320Wp
Li-ion Battery	537.6WH	691.2WH	921.6WH	1228.8WH	1228.8WH	1228.8WH	1536WH



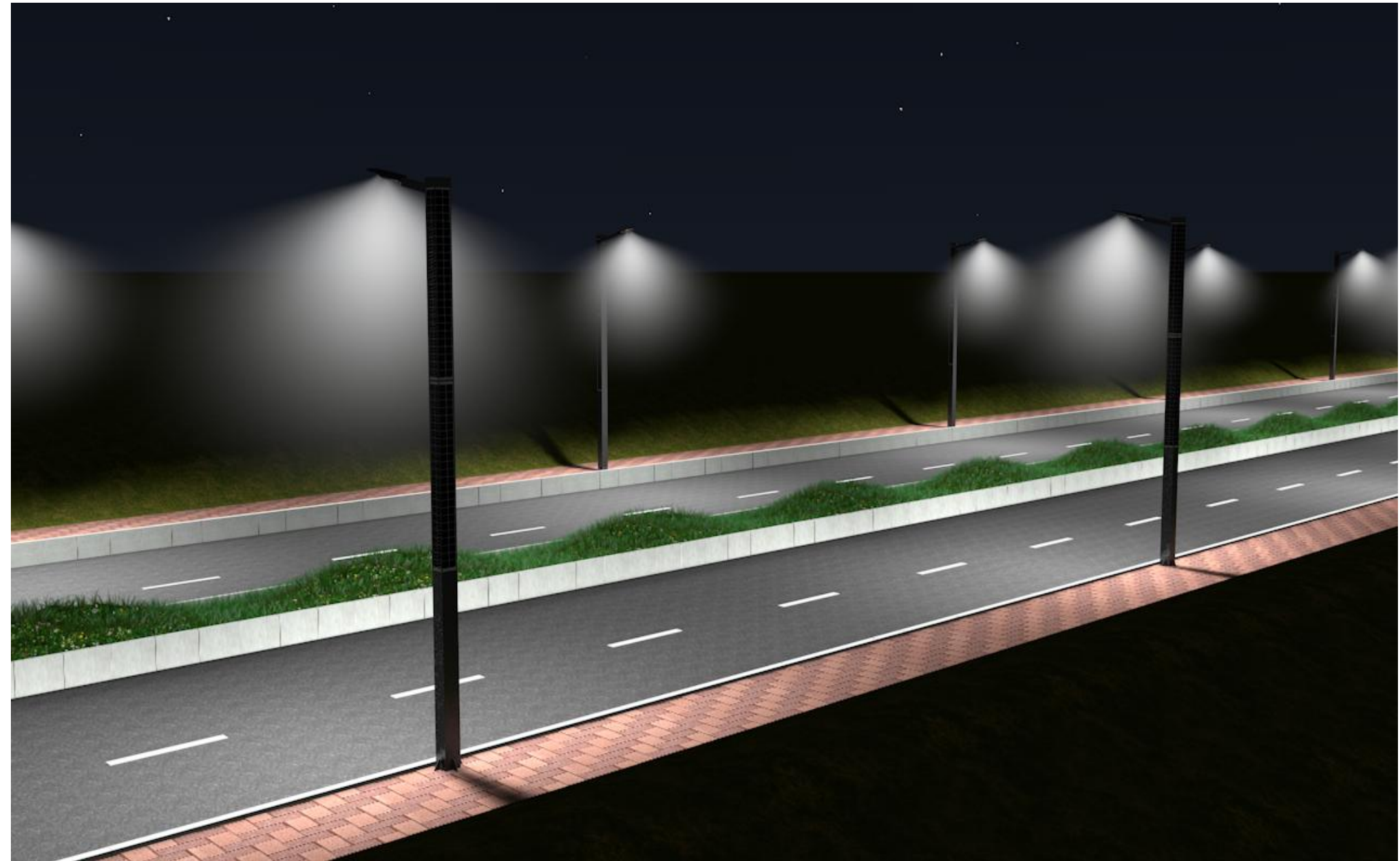
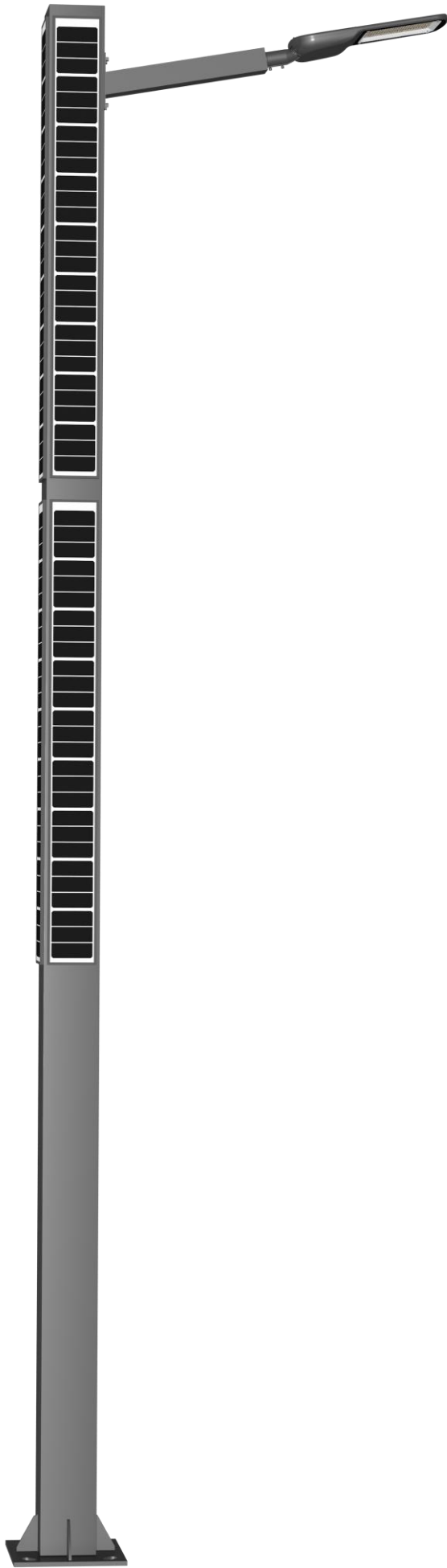
TOWER 2X2



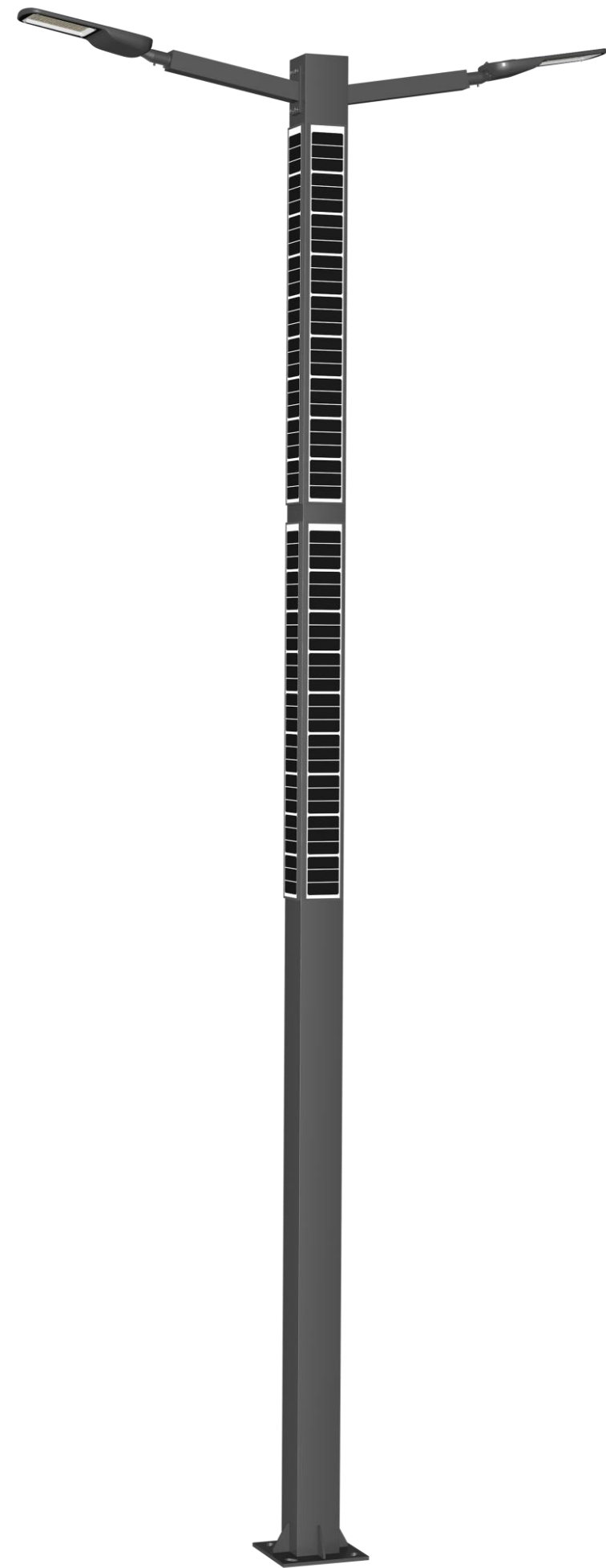
Model	4M	5M	6M	7M	8M	9M	10M
Watts	30W*2	40W*2	50W*2	60W*2	70W*2	80W*2	100W*2
Lumen	4500LM*2	6000LM*2	7500LM*2	9000LM*2	10500LM*2	12000LM*2	15000LM*2
Size(H)	4m	5M	6M	7M	8M	9M	10M
Solar panels	200Wp	240Wp	320Wp	400Wp	480Wp	500Wp	600Wp
Li-ion Battery	691.2WH	921.6WH	1228.8WH	1536WH	1689.6WH	1996.8WH	2150.4WH



Model	4M	5M	6M	7M	8M	9M	10M
Watts	40W	50W	60W	70W	80W	90W	100W
Lumen	6000LM	7500LM	9000LM	10500LM	12000LM	13500LM	15000LM
Size(H)	4m	5M	6M	7M	8M	9M	10M
Solar panels	140Wp	160Wp	240Wp	260Wp	280Wp	300Wp	320Wp
Li-ion Battery	537.6WH	691.2WH	921.6WH	1228.8WH	1228.8WH	1228.8WH	1536WH



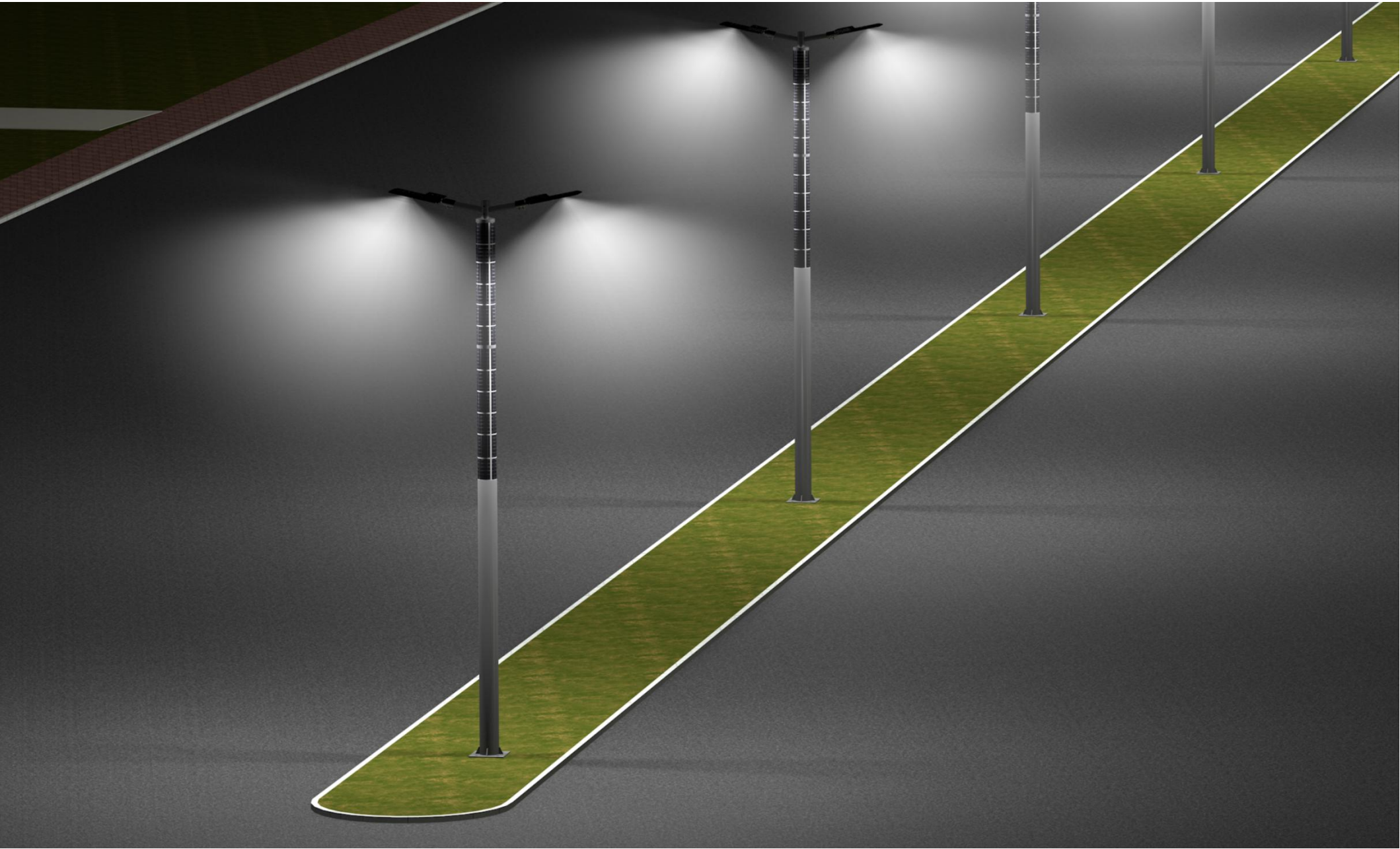
Model	4M	5M	6M	7M	8M	9M	10M
Watts	40W	50W	60W	70W	80W	90W	100W
Lumen	6000LM	7500LM	9000LM	10500LM	12000LM	13500LM	15000LM
Size(H)	4m	5M	6M	7M	8M	9M	10M
Solar panels	140Wp	160Wp	240Wp	260Wp	280Wp	300Wp	320Wp
Li-ion Battery	537.6WH	691.2WH	921.6WH	1228.8WH	1228.8WH	1228.8WH	1536WH



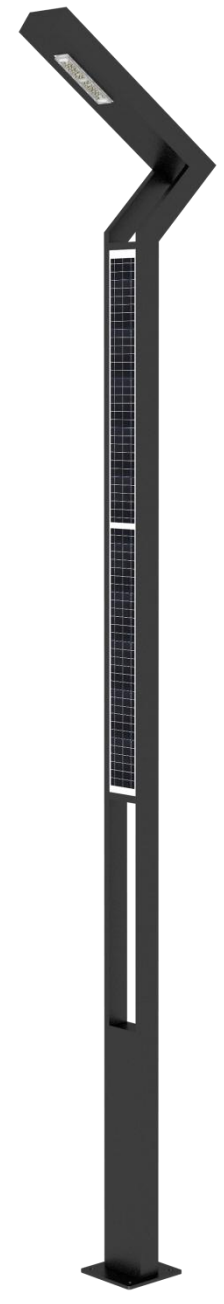
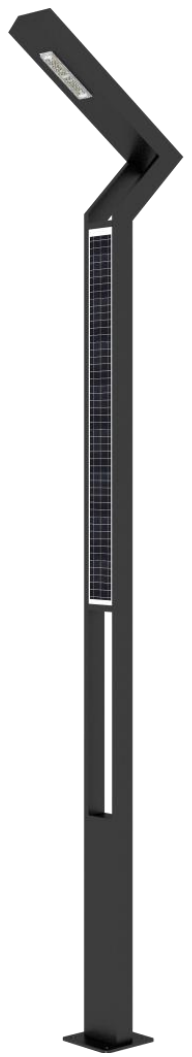
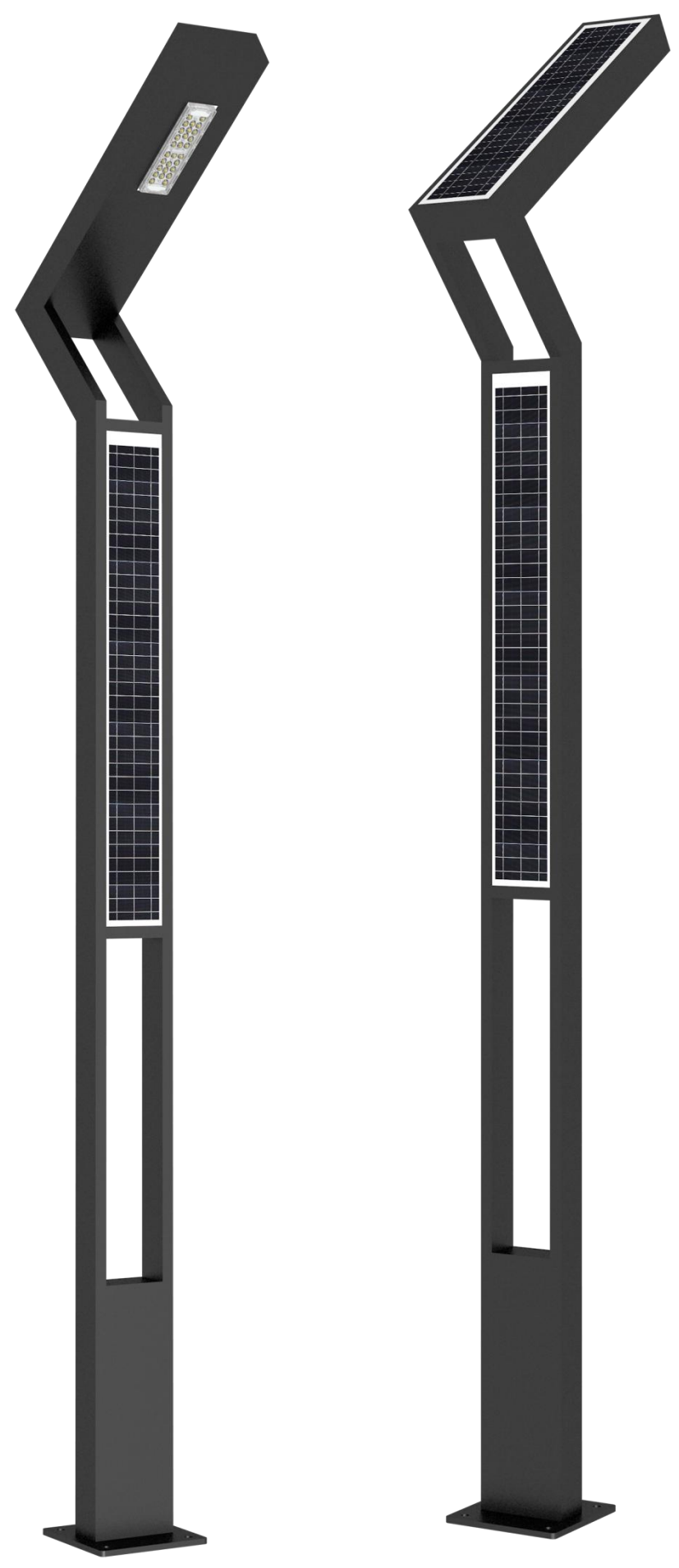
Model	4M	5M	6M	7M	8M	9M	10M
Watts	30W*2	40W*2	50W*2	60W*2	70W*2	80W*2	100W*2
Lumen	4500LM*2	6000LM*2	7500LM*2	9000LM*2	10500LM*2	12000LM*2	15000LM*2
Size(H)	4m	5M	6M	7M	8M	9M	10M
Solar panels	200Wp	240Wp	320Wp	400Wp	480Wp	500Wp	600Wp
Li-ion Battery	691.2WH	921.6WH	1228.8WH	1536WH	1689.6WH	1996.8WH	2150.4WH



Model	4M	5M	6M	7M	8M	9M	10M
Watts	40W	50W	60W	70W	80W	90W	100W
Lumen	6000LM	7500LM	9000LM	10500LM	12000LM	13500LM	15000LM
Size(H)	4m	5M	6M	7M	8M	9M	10M
Solar panels	140Wp	160Wp	240Wp	260Wp	280Wp	300Wp	320Wp
Li-ion Battery	537.6WH	691.2WH	921.6WH	1228.8WH	1228.8WH	1228.8WH	1536WH



Model	4M	5M	6M	7M	8M	9M	10M
Watts	20W*2	30W*2	40W*2	50W*2	50W*2	60W*2	70W*2
Lumen	3000LM*2	4500LM*2	6000LM*2	7500LM*2	7500LM*2	9000LM*2	10500LM*2
Size(H)	4m	5M	6M	7M	8M	9M	10M
Solar panels	140Wp	160Wp	240Wp	260Wp	280Wp	300Wp	320Wp
Li-ion Battery	537.6WH	691.2WH	921.6WH	1228.8WH	1228.8WH	1228.8WH	1536WH



Model	3M	4M	5M	6M
Watts	30W	40W	50W	60W
Lumen	4500LM	6000LM	7500LM	9000LM
Size	220*100*3000	230*100*4000	240*100*5000	250*100*6000
Solar panels	120Wp	140Wp	160Wp	240Wp
Li-ion Battery	384WH	537.6WH	691.2WH	768WH

SOLAR STREET LIGHT
rotatable LED module





GUARD SOLAR STREET LIGHT

20W-150W 200LM/W

- Elegant Design
- Better integration into every scene
- Complete specifications
- suitable for all lighting scenarios
- A lamp not only provides illumination



20W-150W

200LM/W



Environmental
Sensors



Remote
Management System



Easy Installation
& Maintenance



Smart Sensors



High Quality
Lithium Battery



Powered By
The Sun

GUARD SOLAR STREET LIGHT

GUARD is the perfect solar lighting for the outdoors, it caters requirements of all applications, GUARD has wide power ranges from 50W to 180W which apply pole heights from 5 meters to 14 meters. The strong point of GUARD feature is its adjustable led modules, the angle of the led modules is easy to be adjusted manually in order to make the lights fall on the road properly and let the solar panel face the sun as much as possible.

The highest power of solar panels is 196W and the battery capacity is up to 25.6V 60AH, The solar panel and battery box are attached to each other by 6 screws which makes future maintenance accessible easily for repair or replacement.

The new generation of GUARD series solar lights is the perfect choice to help you expand your solar lighting business.



Green Energy
100% solar



Smart MPPT
Controller



LiFePO4 Li-ion
Battery



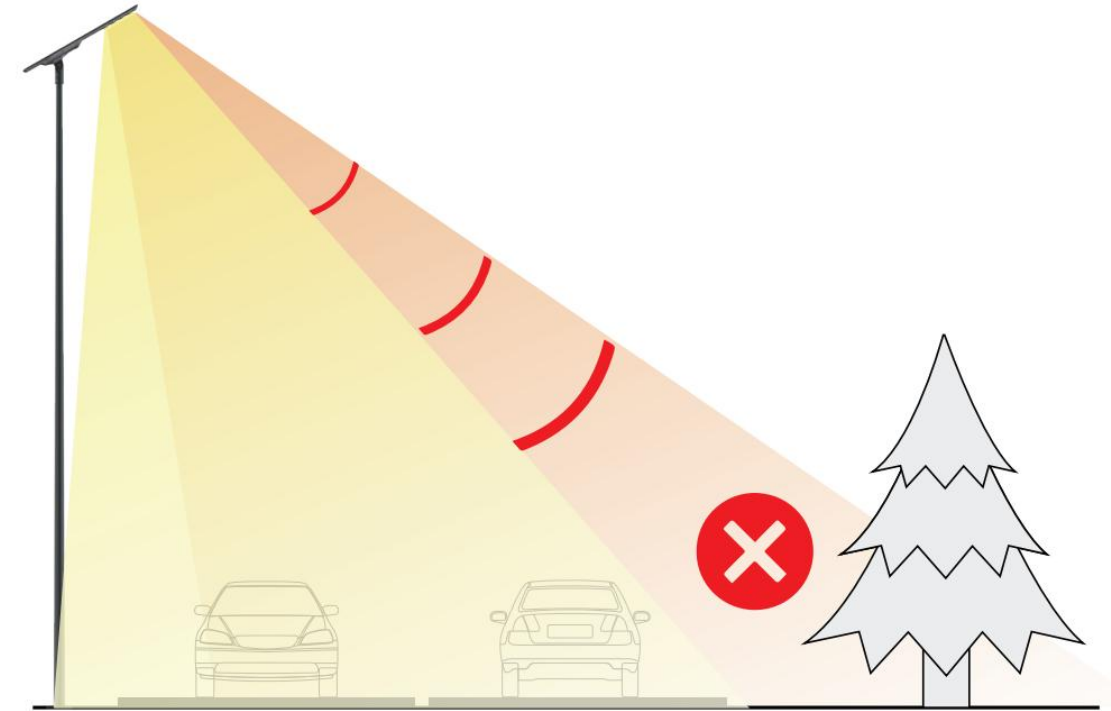
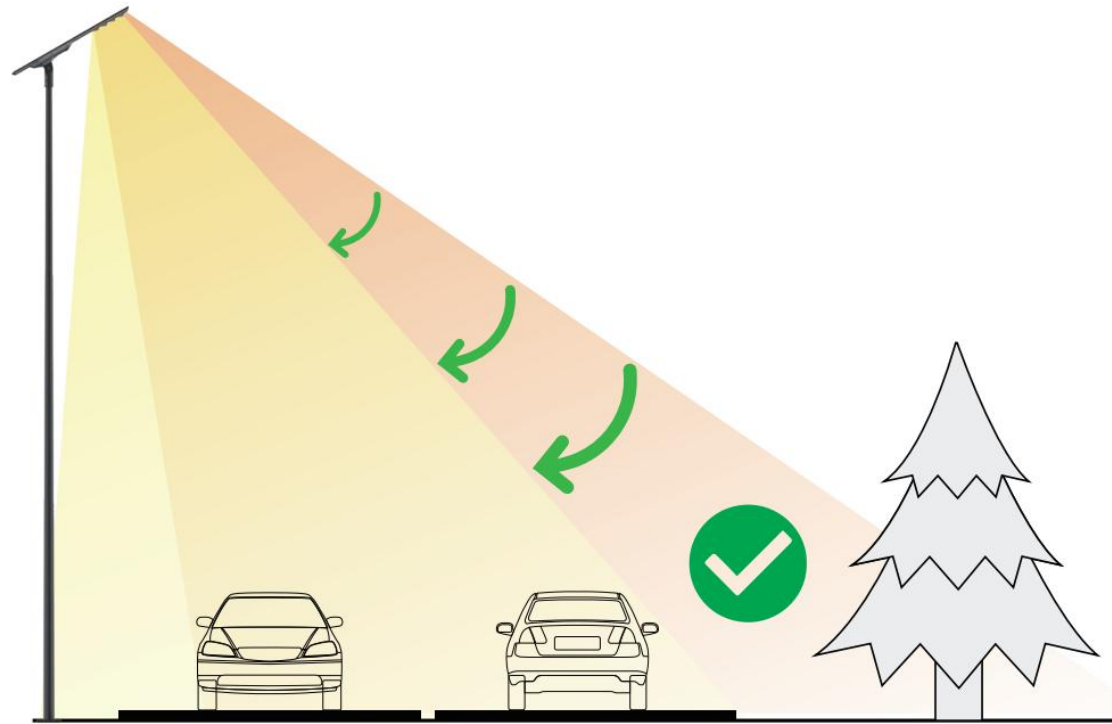
Motion
Sensor



Rotatable
LED module



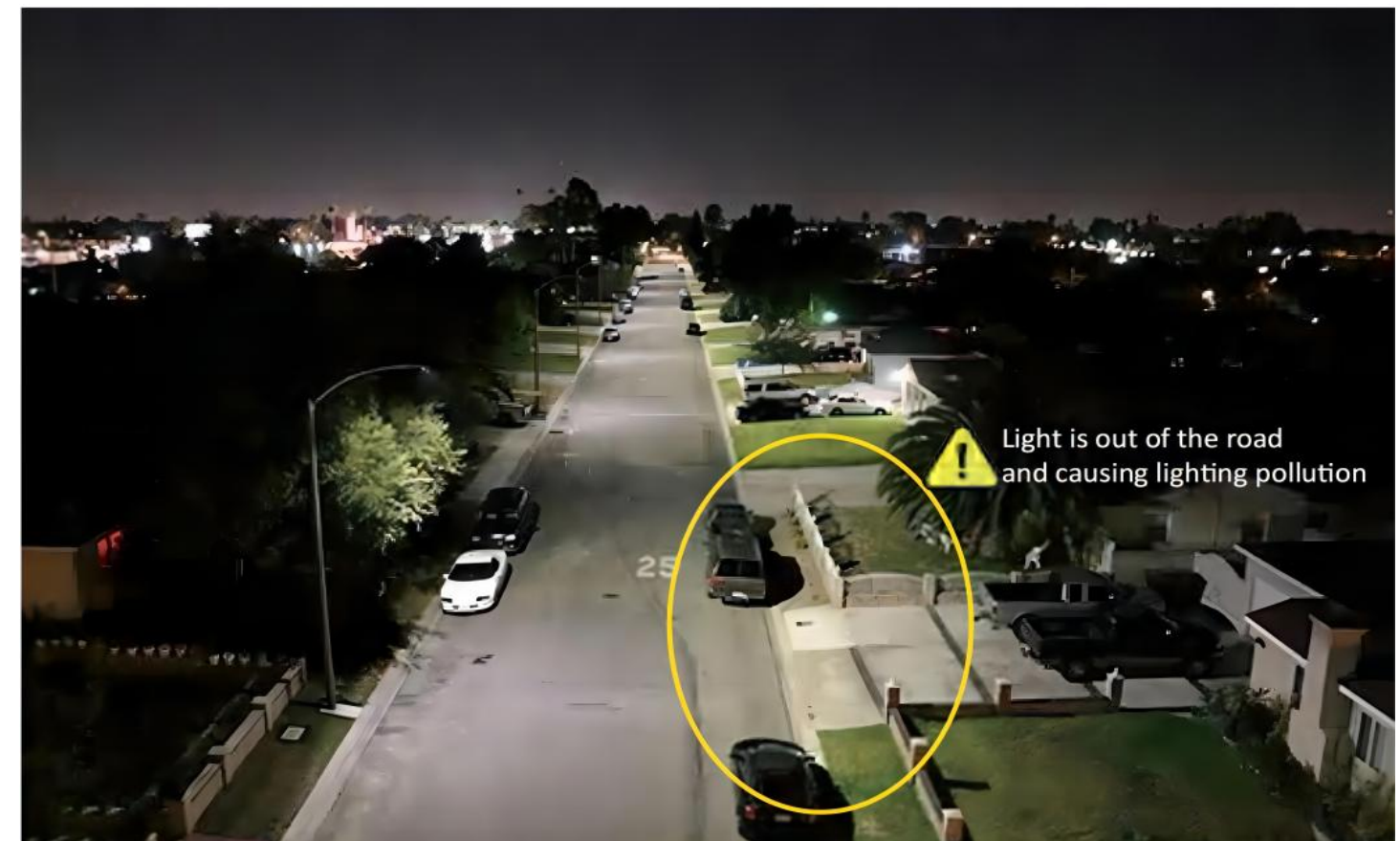
IP65
Waterproof



The rotatable led module

Due to the high integration of the integrated street light, it is easy to install and greatly reduces the installation cost and other costs. However, since the angle of the sun is different in each country or region, ordinary all-in-one solar street lights cannot adjust the angle according to the position of the sun. The light of the lamp can only be irradiated to places other than the road surface, which causes a waste of light and may cause light pollution. Or in order to allow the light to shine on the road as much as possible, but it is impossible to make the solar panel the most suitable angle for facing the sun.

ZAIN series solar street lights perfectly solve the problems mentioned above. ZAIN adopts high-strength, angle-adjustable, and beautiful die-casting aluminum brackets, and at the same time allows the LED light source module to have the function of adjusting the angle. Each LED module has a The angle can be adjusted manually, with self-locking function, without wrench adjustment, so that the light can be properly irradiated on the road, which greatly improves the efficiency of light use, and can also make the solar panel face the sun to maximize the power generation efficiency.





AIO-20W

AIO-30W

AIO-40W

AIO-50W

AIO-60W

AIO-Pro-50W

AIO-Pro-80W

AIO-Pro-100W

AIO-Pro-120W

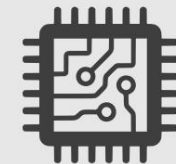
AIO-Pro-150W



Various programs are built inside and be chosen by remote easily. Summer mode and winter mode are available for more days of battery backup.



Smart wireless Zigbee control scheme is available, using European standard AIO connector.



Adopt MPPT solar controller with efficiency up to 97% to improve charging efficiency.



The led module is rotatable, lighting angle is adjustable to make more light to fall on the road without wasting light.



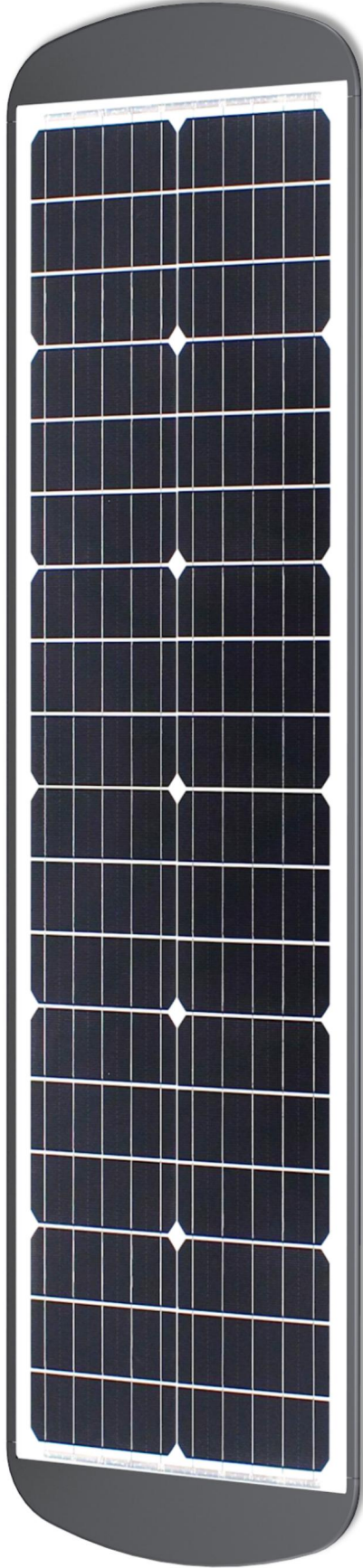
Adopting modular structure design, the battery box and solar panel are easy to disassemble



The use of 5050 lamp beads improves the luminous efficiency of the lamp beads, which can reach 170lm per watt.

Main Specification

Item number	AIO-20W	AIO-30W	AIO-40W	AIO-50W	AIO-60W
LED power &luminous	20W / 4000lm	30W / 6000lm	40W / 8000lm	50W / 10000lm	60W / 12000lm
CCT range	2000K/4000K/5000K/6500K				
LED module	SMD5050 56pcs	SMD5050 84pcs	SMD5050 112pcs	SMD5050 140pcs	SMD5050 168pcs
LiFePO4 battery	192WH	224WH	256WH	288WH	320WH
Solar panel	6V 60W	6V 70W	6V 80W	6V 90W	6V 100W
Product size	980*430*280mm	1230*430*280mm	1360*430*280mm m	1490*430*280mm	1620*430*280mm
Solar charge controller	MPPT with sensor				
Pole size	60mm	60mm	60mm	76mm	76mm
Installation height	4~6m	5~7m	6~8m	7~9m	8~10m
Certificates	CE ROHS IP65				
Warranty	5 years				



Main Specification

Item number	AIO-Pro-50W	AIO-Pro-80W	AIO-Pro-100W	AIO-Pro-120W	AIO-Pro-150W
LED power &luminous	50W / 10000lm	80W / 16000lm	100W / 20000lm	120W / 24000lm	150W / 30000lm
CCT range	2000K/4000K/5000K/6500K				
LED module	SMD7070 56pcs	SMD7070 84pcs	SMD7070 112pcs	SMD7070 140pcs	SMD7070 168pcs
LiFePO4 battery	384WH	537WH	768WH	1075WH	1280WH
Solar panel	18V 120W	18V 140W	36V 160W	36V 180W	36V 200W
Product size	1280*520*320mm	1460*520*320mm	1690*520*280mm	1820*520*280mm	1990*520*280mm
Solar charge controller	MPPT with sensor				
Pole size	76mm	76mm	76mm	76mm	76mm
Installation height	6~8m	7~9m	8~10m	9~11m	10~12m
Certificates	CE ROHS IP65				
Warranty	5 years				



Main Specification

Item number	AIO-CCTV-50W	AIO-CCTV-80W	AIO-CCTV-100W	AIO-CCTV-120W	AIO-CCTV-150W
LED power &luminous	50W / 10000lm	80W / 16000lm	100W / 20000lm	120W / 24000lm	150W / 30000lm
CCT range	2000K/4000K/5000K/6500K				
LED module	SMD7070 56pcs	SMD7070 84pcs	SMD7070 112pcs	SMD7070 140pcs	SMD7070 168pcs
LiFePO4 battery	384WH	537WH	768WH	1075WH	1280WH
Solar panel	18V 120W	18V 140W	36V 160W	36V 180W	36V 200W
Product size	1280*520*320mm	1460*520*320mm	1690*520*280mm	1820*520*280mm	1990*520*280mm
Solar charge controller	MPPT with sensor				
CCTV	4G / WIFI 1080P 64G				
Pole size	76mm	76mm	76mm	76mm	76mm
Installation height	6~8m	7~9m	8~10m	9~11m	10~12m
Certificates	CE ROHS IP65				
Warranty	5 years				



Main Specification

Item number	AIO-OEN-20W	AIO-OEN-30W	AIO-OEN-40W	AIO-OEN-50W	AIO-OEN-60W
LED power &luminous	20W / 3000lm	30W / 4500lm	40W / 6000lm	50W / 7 5 00lm	60W / 9 000lm
CCT range	2000K/4000K/5000K/6500K				
LED module	SMD3030 120pcs	SMD3030 180pcs	SMD3030 240pcs	SMD3030 300pcs	SMD3030 360pcs
LiFePO4 battery	192WH	224WH	256WH	288WH	320WH
Solar panel	6V 60W	6V 70W	6V 80W	6V 90W	6V 100W
Product size	980*430*280mm	1230*430*280mm	1360*430*280mm m	1490*430*280mm	1620*430*280mm
Solar charge controller	MPPT with sensor				
Pole size	60mm	60mm	60mm	76mm	76mm
Installation height	4~6m	5~7m	6~8m	7~9m	8~10m
Certificates	CE ROHS IP65				
Warranty	5 years				



Main Specification

Item number	AIO-MAX-20W	AIO-MAX-30W	AIO-MAX-40W	AIO-MAX-50W	AIO-MAX-60W
LED power &luminous	20W / 4000lm	30W / 6000lm	40W / 8000lm	50W / 10000lm	60W / 12000lm
CCT range	2000K/4000K/5000K/6500K				
LED module	SMD5054 60pcs	SMD5054 120pcs	SMD5054 180pcs	SMD5054 240pcs	SMD5054 240pcs
LiFePO4 battery	192WH	224WH	256WH	288WH	320WH
Solar panel	6V 60W	6V 70W	6V 80W	6V 90W	6V 100W
Product size	980*430*280mm	1230*430*280mm	1360*430*280mm m	1490*430*280mm	1620*430*280mm
Solar charge controller	MPPT with sensor				
Pole size	60mm	60mm	60mm	76mm	76mm
Installation height	4~6m	5~7m	6~8m	7~9m	8~10m
Certificates	CE ROHS IP65				
Warranty	5 years				



