



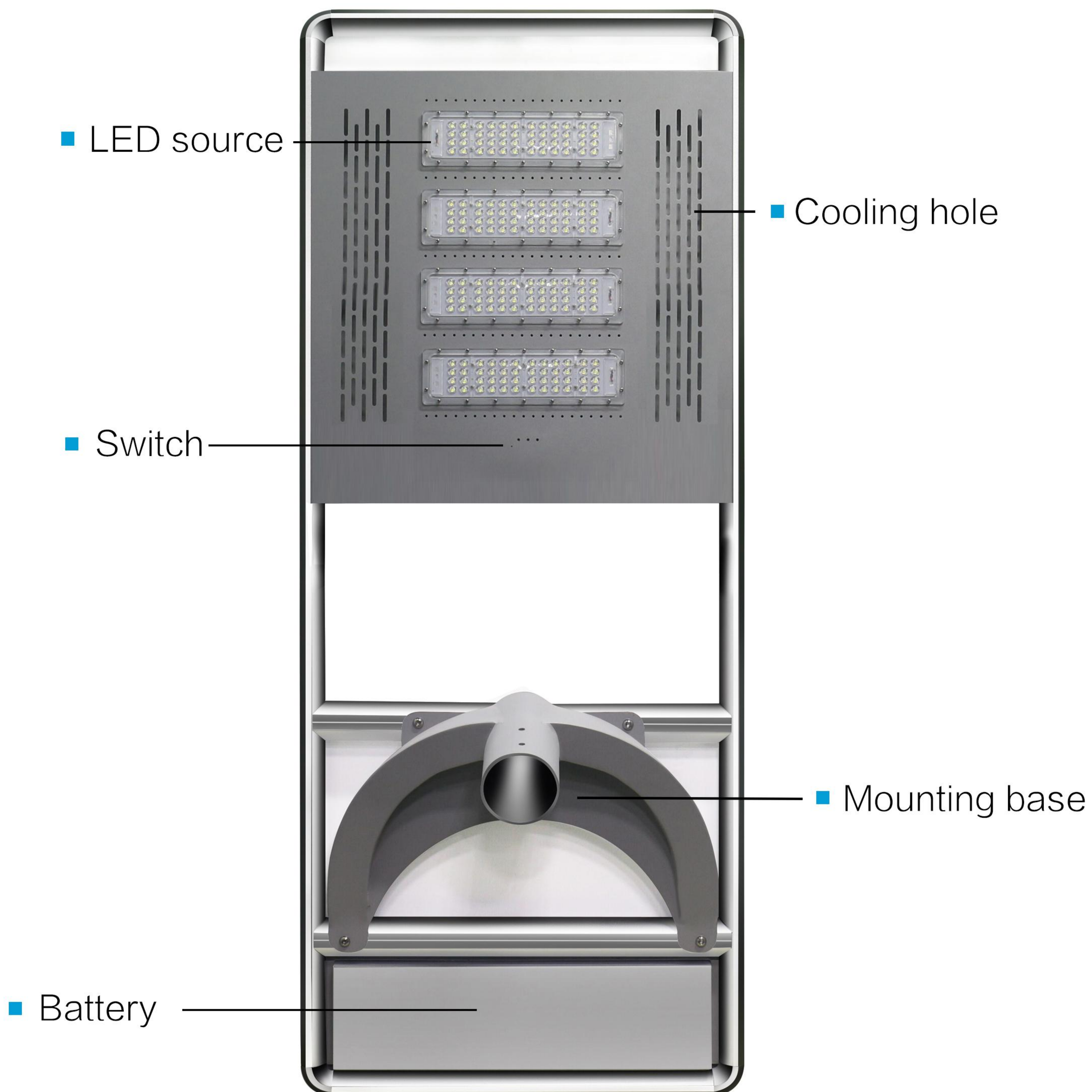
SHENZHEN CENTURY SUNSHINE LIGHTING LIMITED



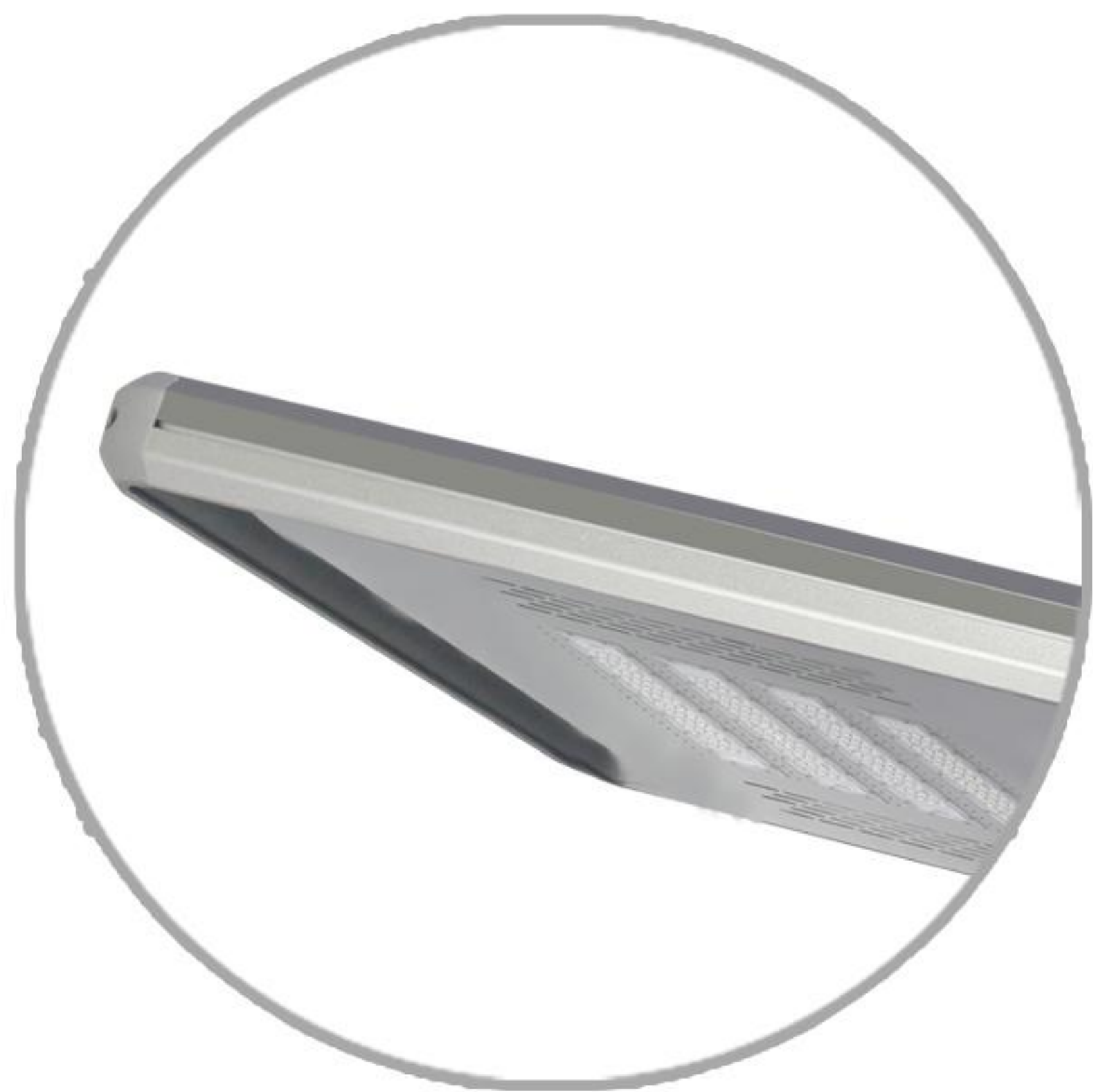
HP SERIES

Specification

Product Details



Product Feature



Die-casting round corners are adopted in lamp body, no sharp corners, attractive appearance



Hollowing panel makes better ventilation and heat dissipation effect and power generation under the solar panel



Adopting MPPT controller makes charging efficiency 30% higher than conventional PWM type

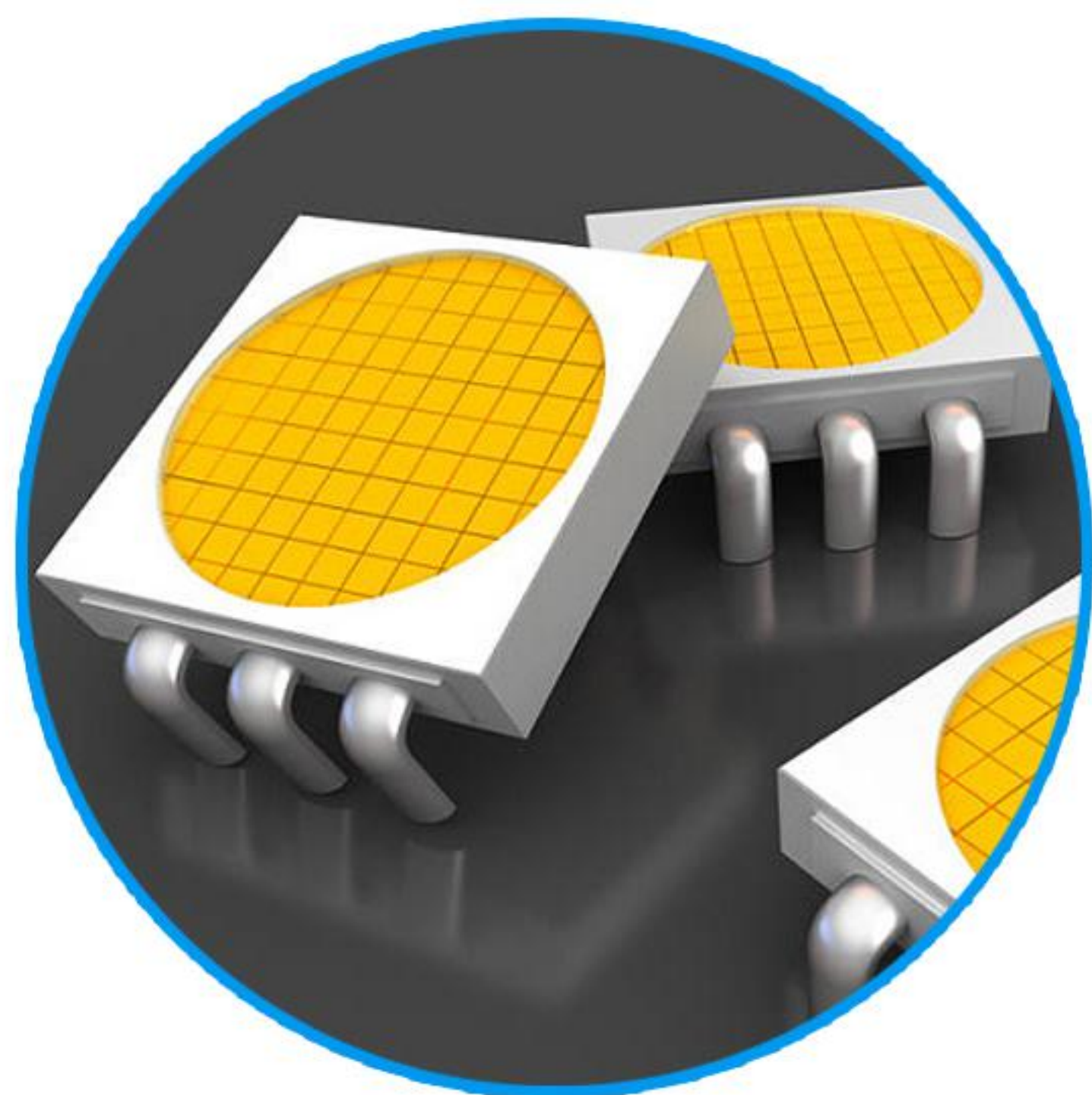


Easy replacement for the battery; More stable lamp body and resistant to wind



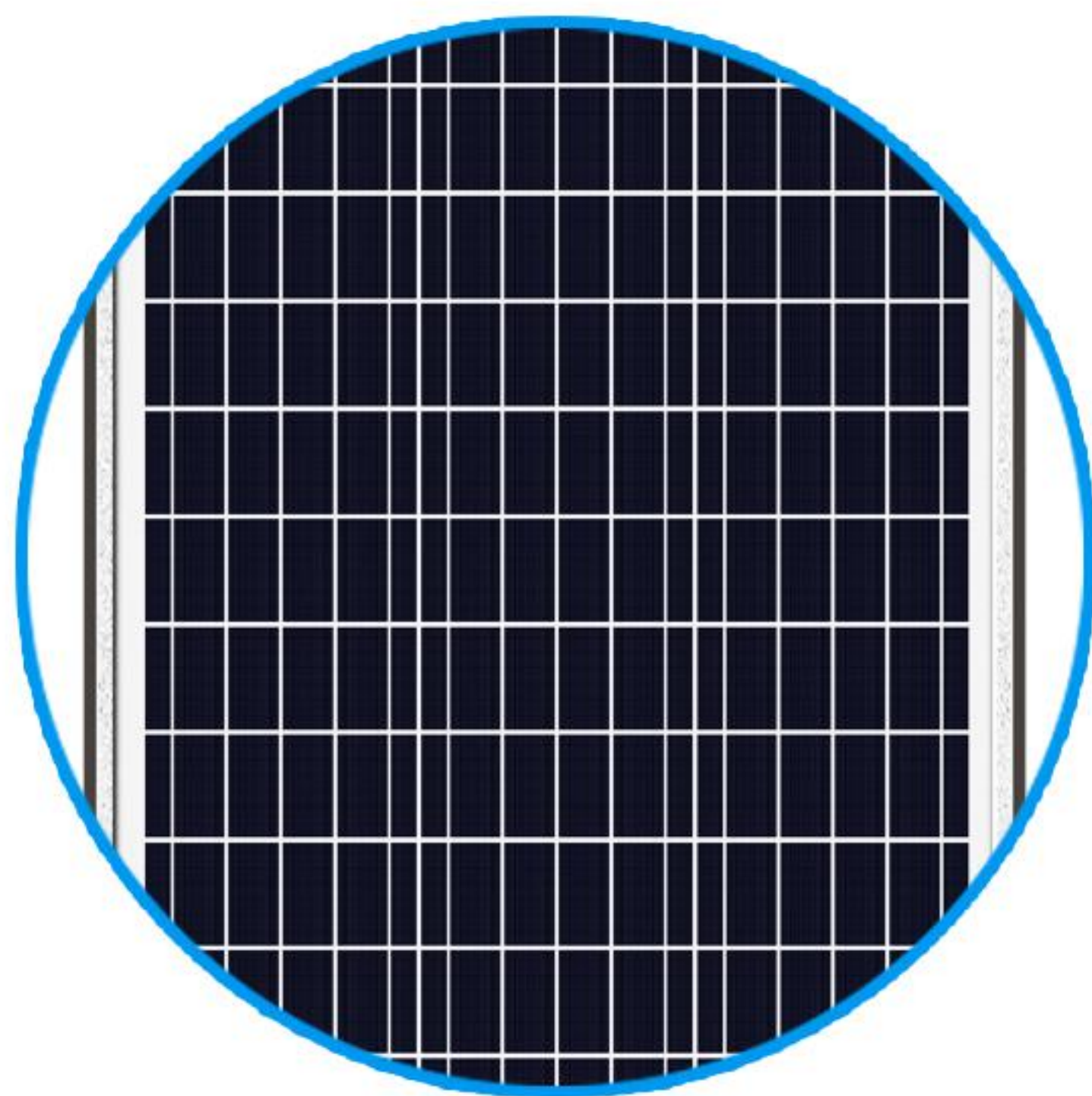
Using ultra-high brightness of SMD5050 LED chips

INTRODUCTION TO MATERIALS USEF



LED ENERGY- SAVING LIGHT SOURCE

Adopt imported high light bulb beads Ultra high photosynthetic efficiency Persistent lighting



THE SOLAR PANELS

Efficiently imported silicon high efficiency Special surface treatment

INTRODUCTION TO MATERIALS USEF



Integrated to all in one, easy installation and maintenance.



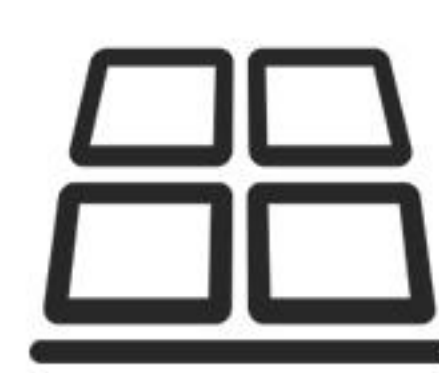
Multiple controlling mode, easy operation.



Imported lamp beads, long lifespan



Customizing battery box, waterproof, high and low temperature resistance

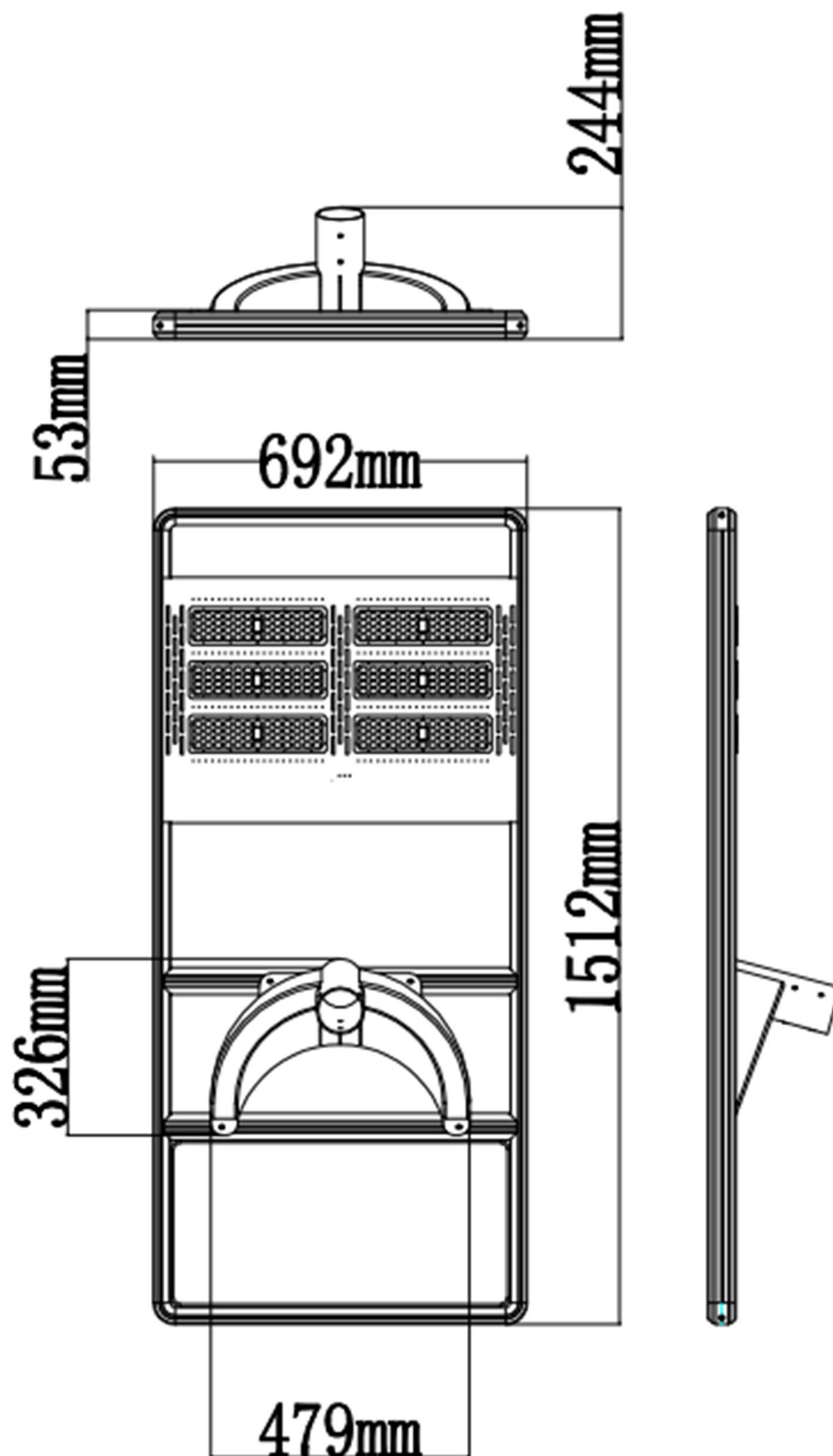


Imported solar panels, ultra high conversion rate



Multiple sensor modes, intelligent controlling lighting mode.

Product Size

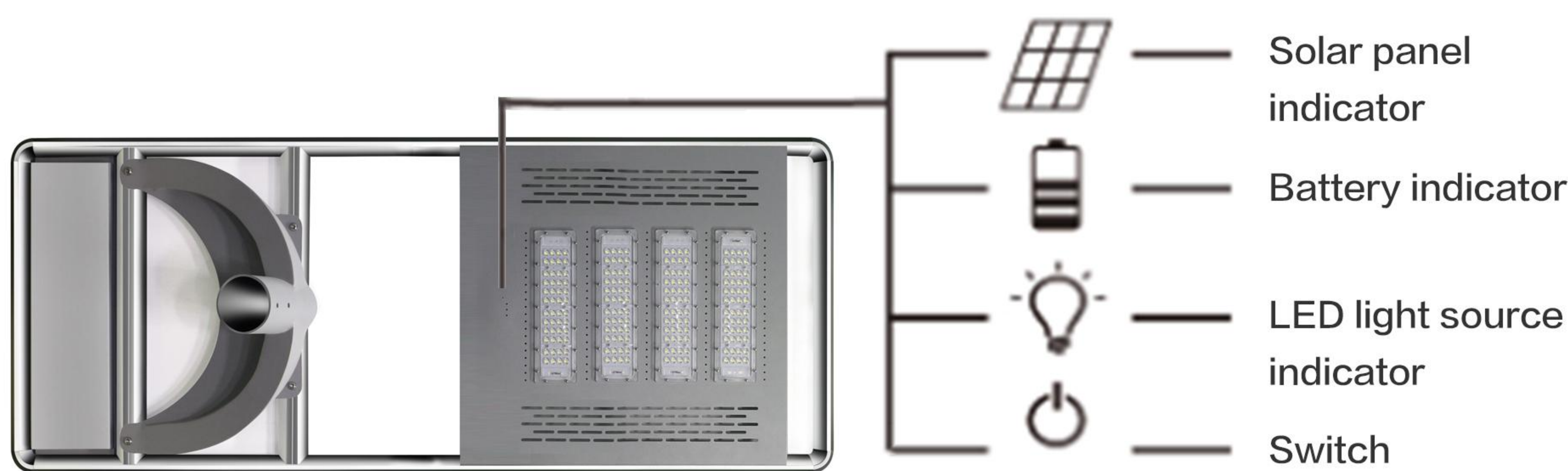


Product parameters

Product model	HP-01	HP-02	HP-03	HP-04	HP-05
Solar panel	36V/110W	36V/140W	36V/170W	36V/200W	36V/250W
Battery	25.6V/614WH	25.6V/768WH	25.6V/921WH	25.6V/1075WH	25.6V/1228WH
	Efficient imported LiFePO4 battery				
System Lumens	10000LM	12000LM	15000LM	18000LM	20000LM
LED brand	USA Bridgelux LED				
Number of LEDs	48*3PCS	48*4PCS	48*5PCS	48*6PCS	48*8PCS
Beam angle	150°70°				
CCT	6000-7000K				
Life	50000H				
Working temperature	-20~60℃				
Protection level	IP66				
Charging time	8H				
Discharge time	Pure time control 1H 70% + 2H 100% + 2H 70% + 7H 30%				
Diameter of pole	80mm				
Package size(mm)	1100*600*100	1417*600*100	1652*600*100	1555*737*100	1835*737*100
Supporting seat	520*365*240mm				
Certification	CE/ROHS/ISO/IP66				
warranty	3 years warranty				

Installation Procedure

- 1.Choose the best position for lighting.
- 2.Open the package and check if the accessories are complete.
- 3.Use the ejector pin to open the switch before installation.

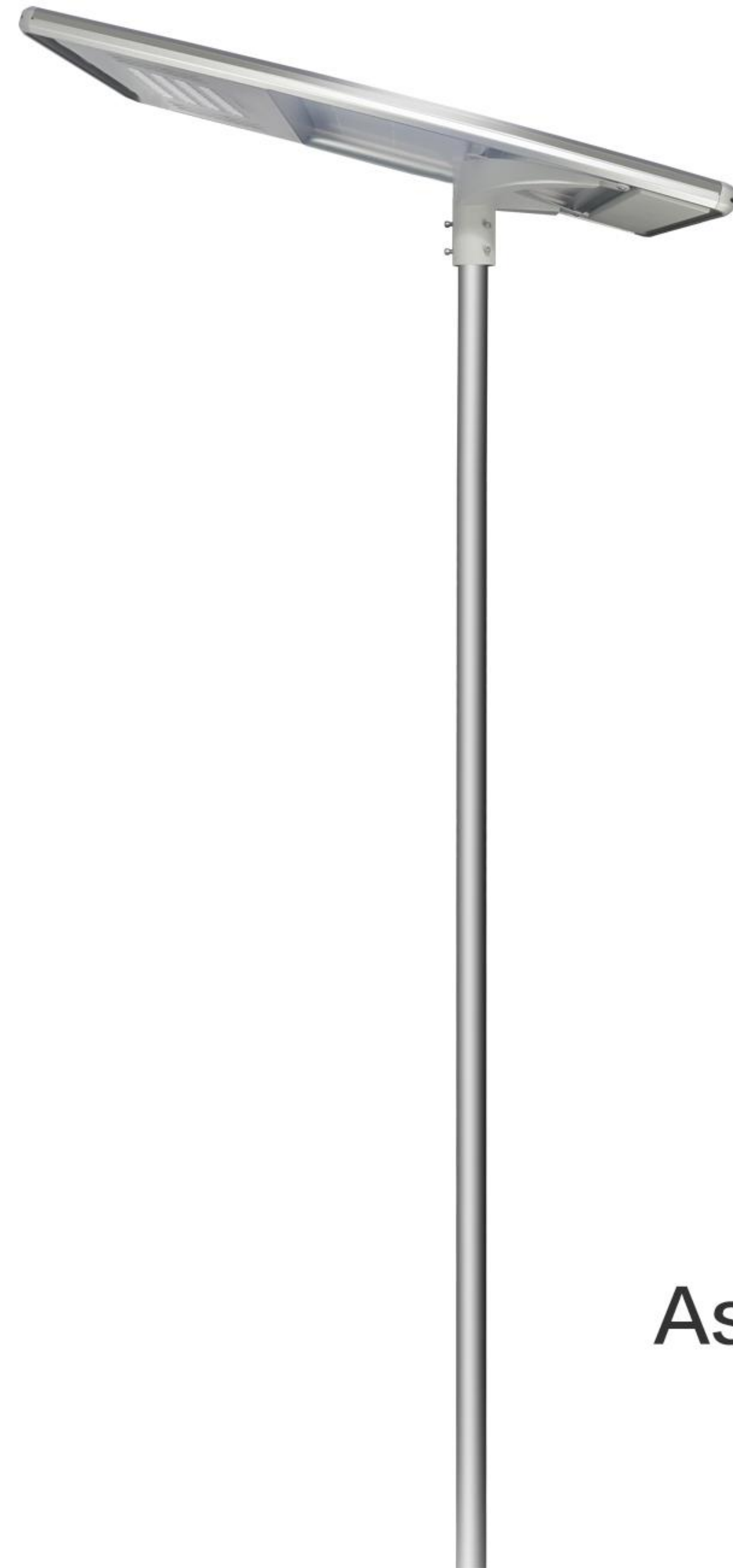
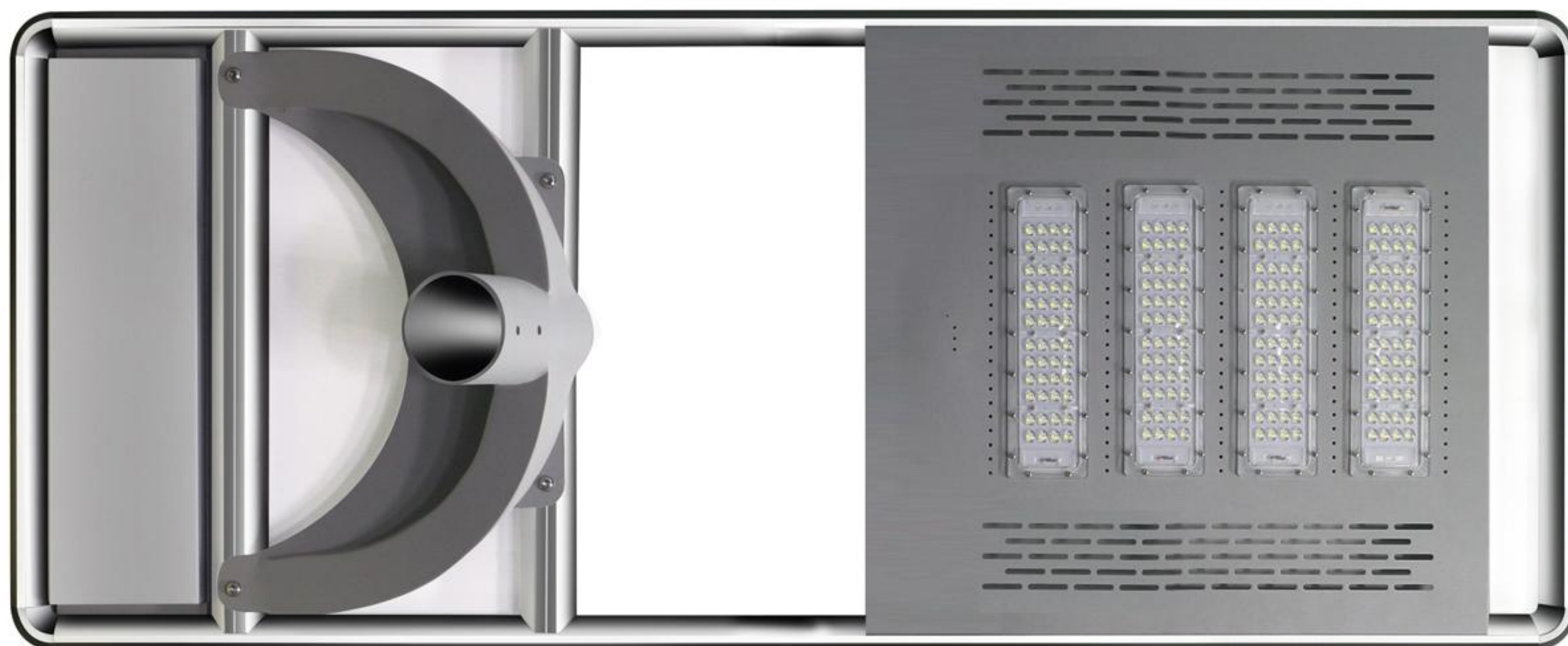


(Please note: There are three indicators on the panel)

Blue is the charging indicator:	Green is the battery indicator:	Red is the LED light source work indicator:
Slow flashing means charging, full light means fully charged, and turning off light means no charging.	Full light indicates that the battery is normal and can work normally; slow flashing indicates low battery and cannot work normally, need to charge right now.	When the LED light source is working, the red indicator light is fully illuminated. When the LED light source is not working, the red indicator light is off.

4. Firstly, fix the base to the lifting device with screws, then put the solar panel of the lamp body up, insert the lamp into the pole with the base facing down, and tighten the screws. (As figure 1)

【 Regular base 】



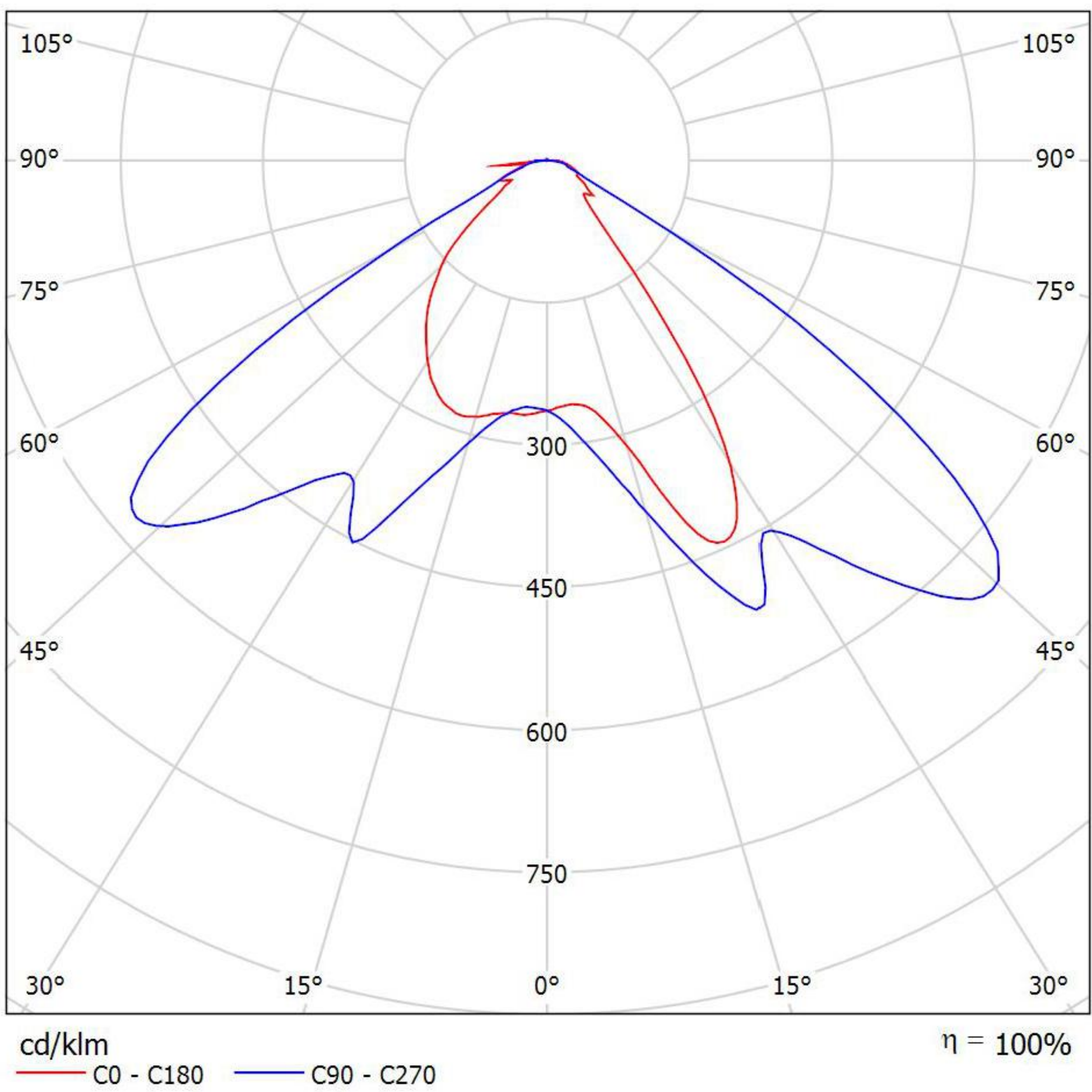
As figure 1

Note

- During installation, one or two people shall hold the lamp body, and another person shall tighten the nut, so as to avoid misplacement of the nut due to force during the tightening process, or would result in nut sticking and subsequent undisassembly.
- It is recommended to install on a sunny day, because it can't be charged quickly after installation in rainy days, and it will be discharged at night, which will affect the using effect.
- If the lamp does not work after the package is opened, it is usually because the battery power is insufficient. Charge it for 2 days before installation.

SPECTRA

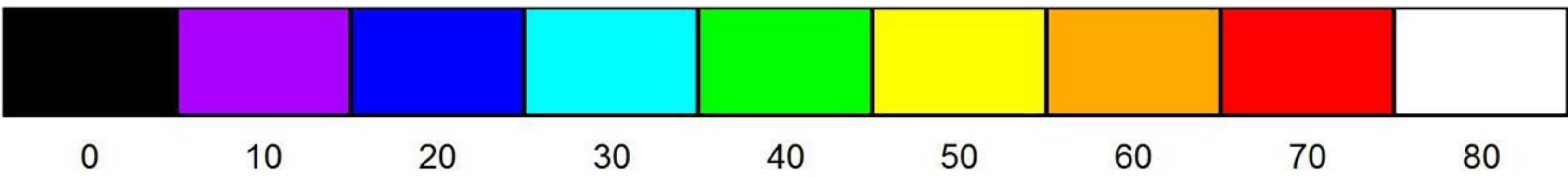
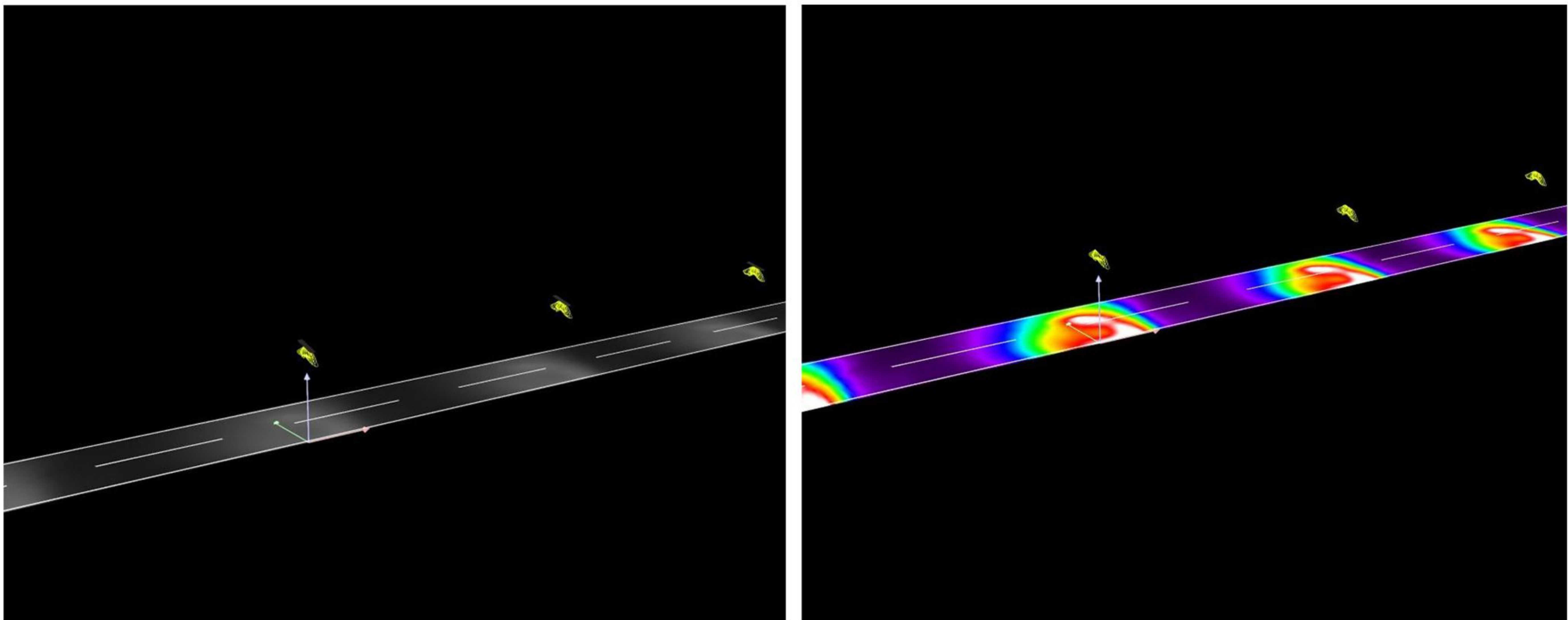
See our luminaire catalog for an image of the luminaire.



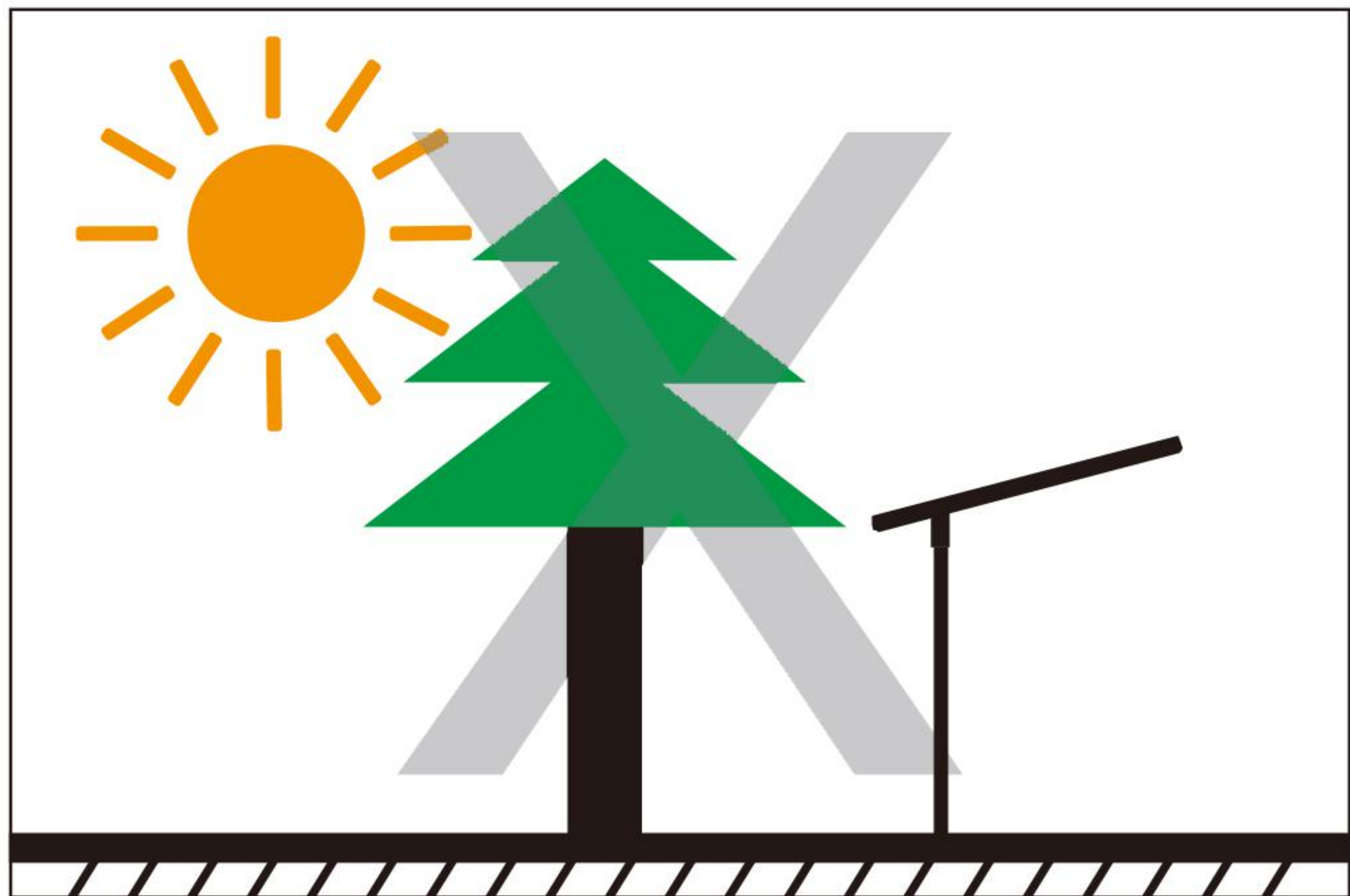
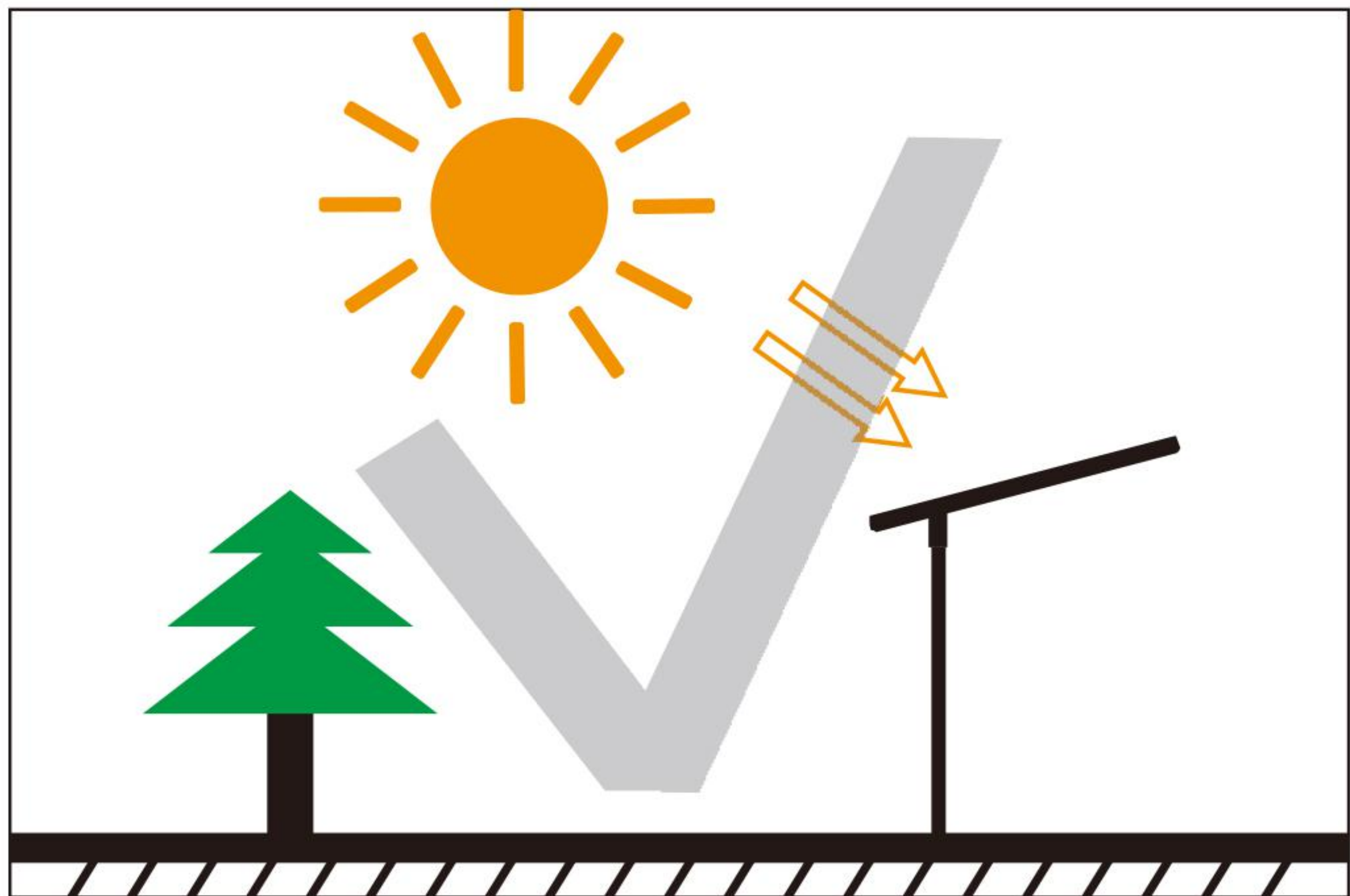
Luminaire classification according to CIE: 100
CIE flux code: 56 90 98 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

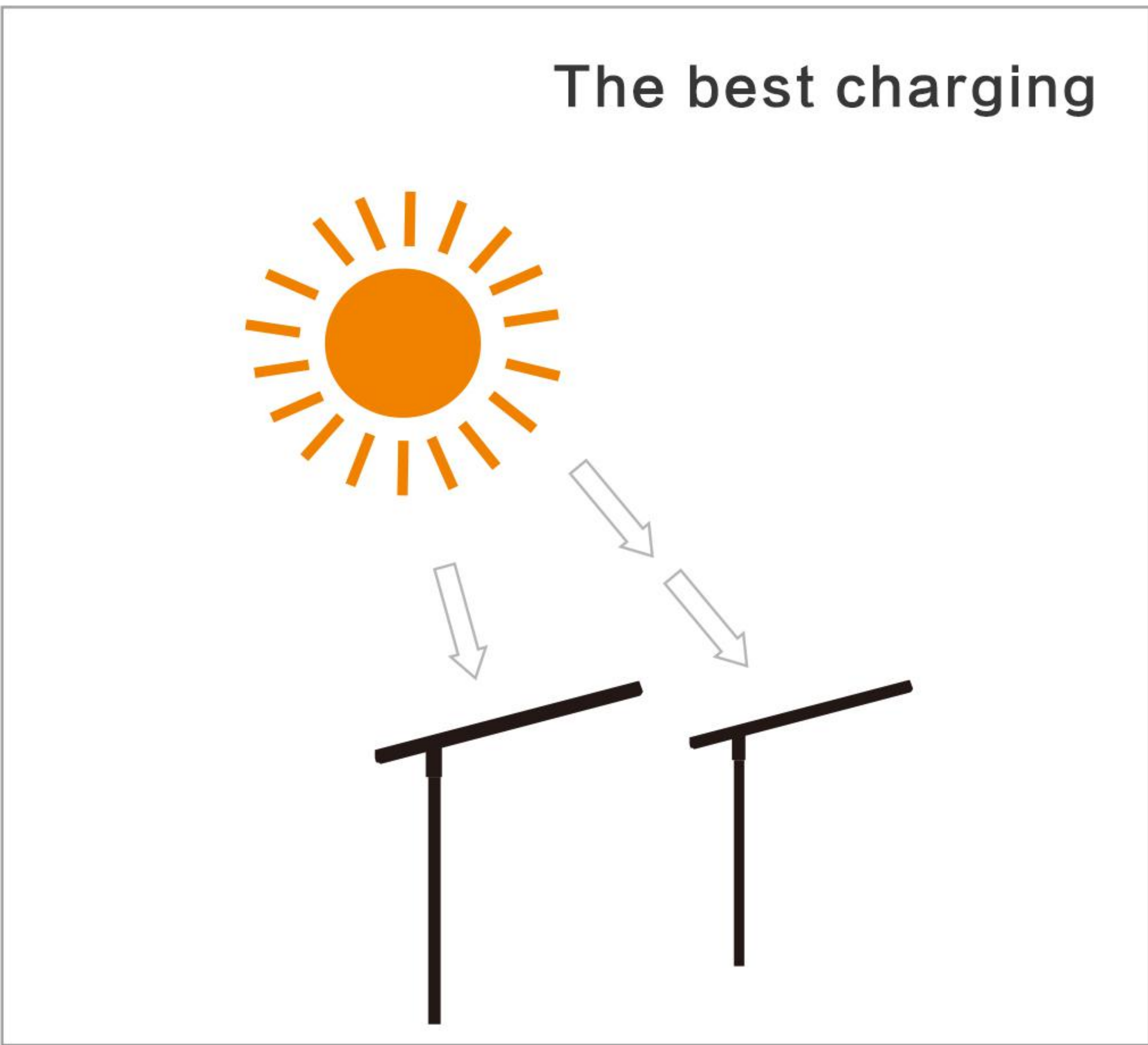
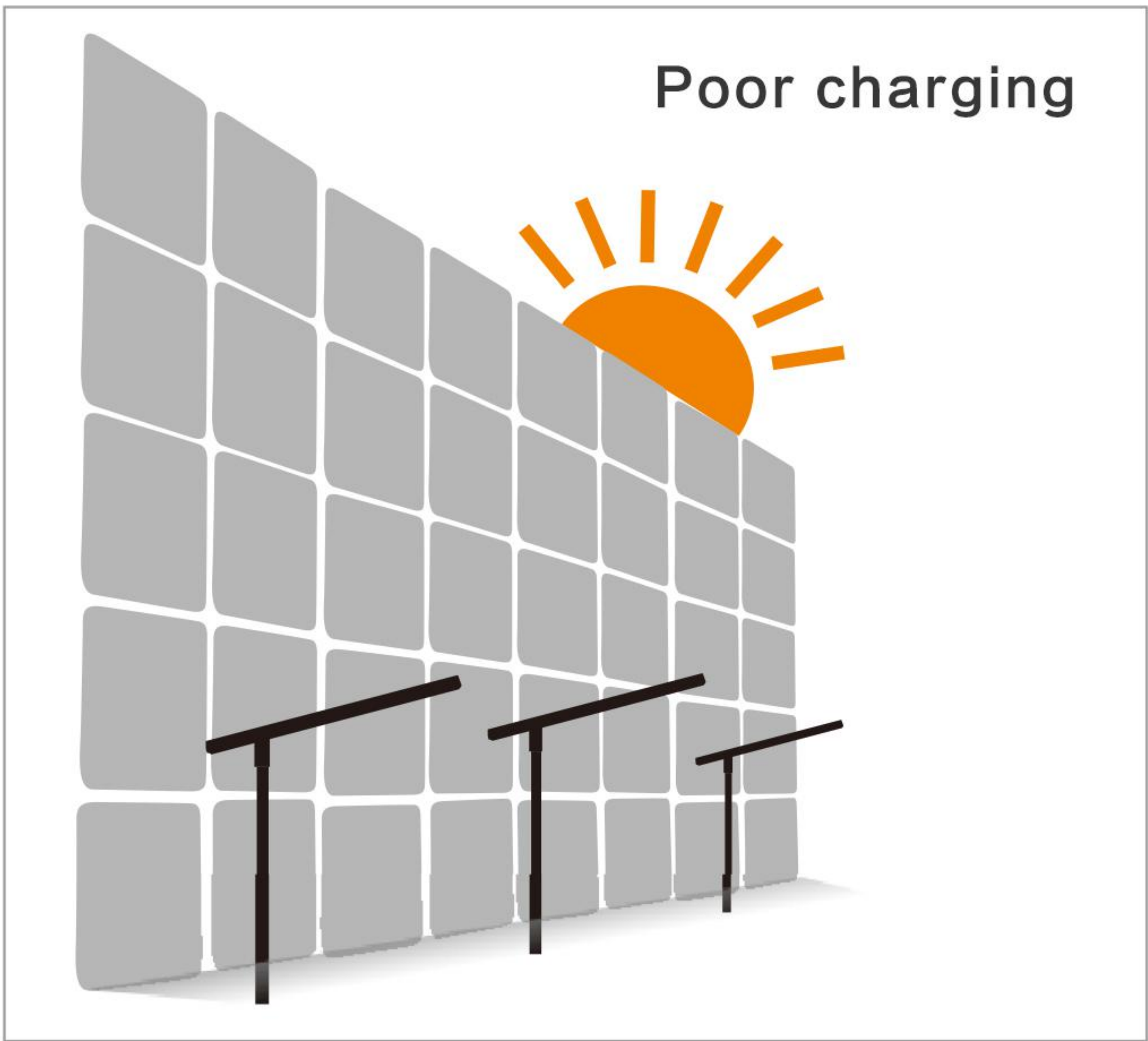
Road lighting simulation



Note 1



Note 2



When install the integrated solar led street, please choose a posi-tion with enough sunshineand fully exposure.
Pls note the panel must be fully exposed,without any shelter.