



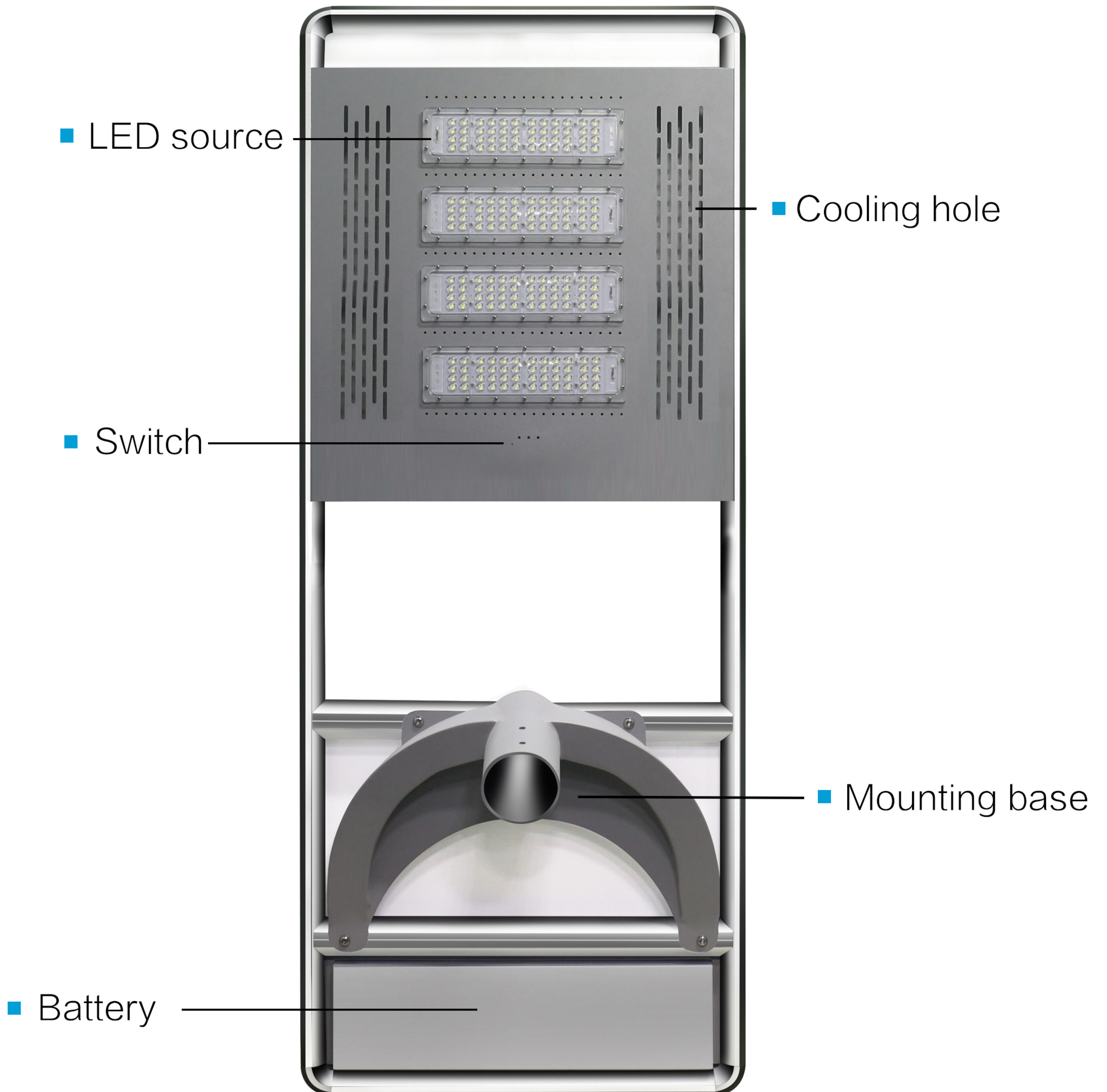
# HS SERIES

Specification

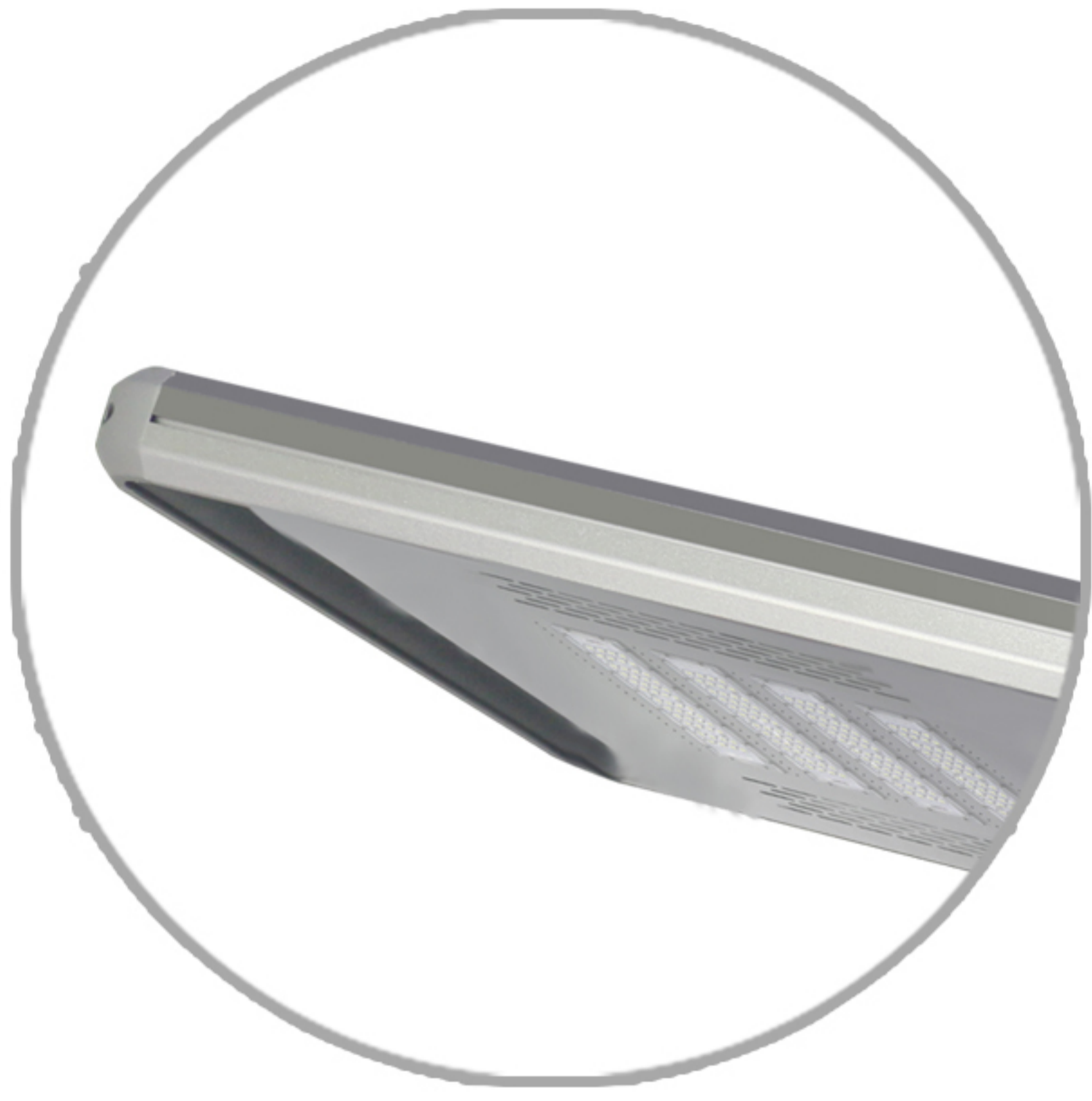
# LUXMAN



## 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

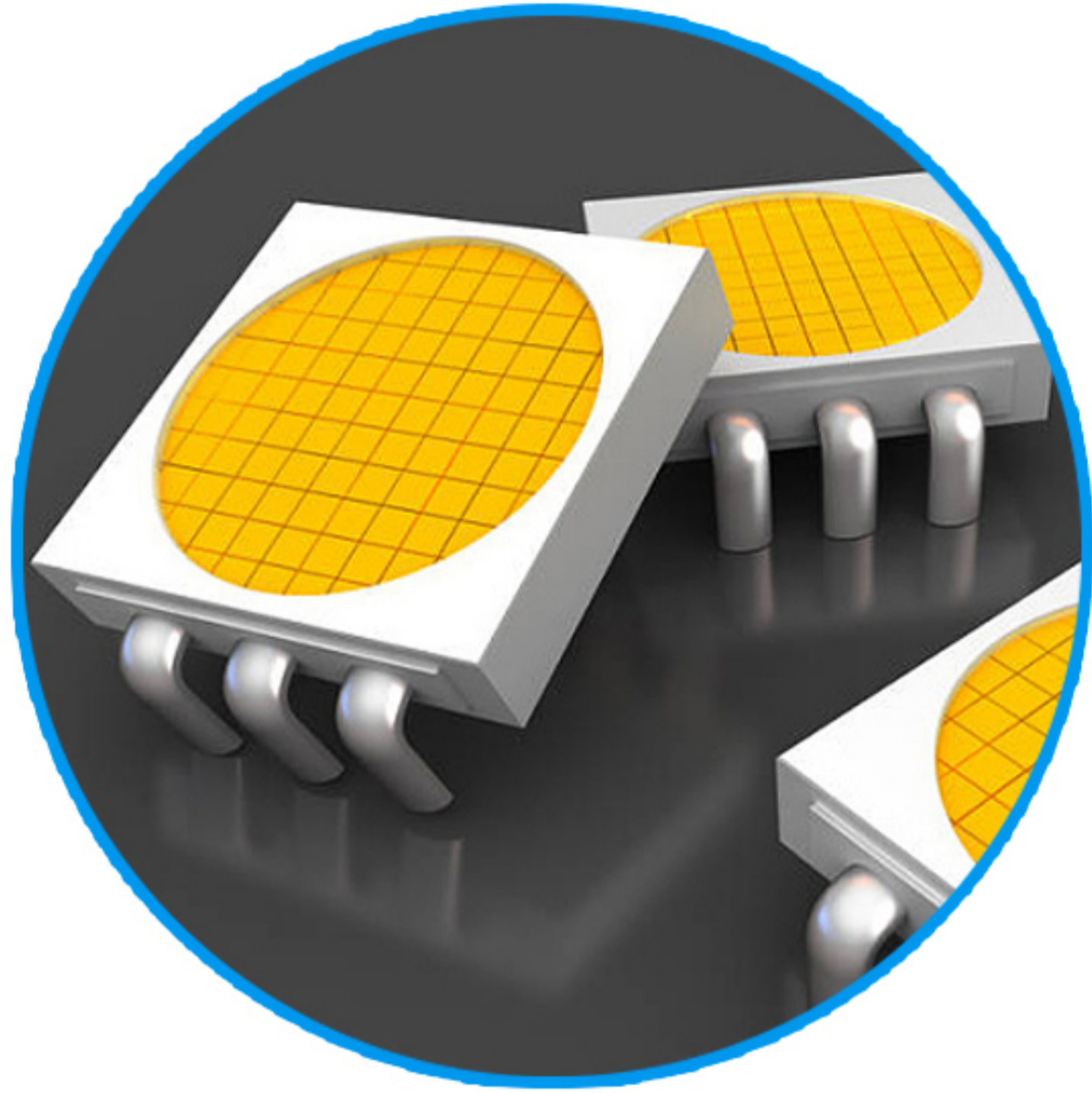


Easy replacement for the battery; More stable lamp body and resistant to wind



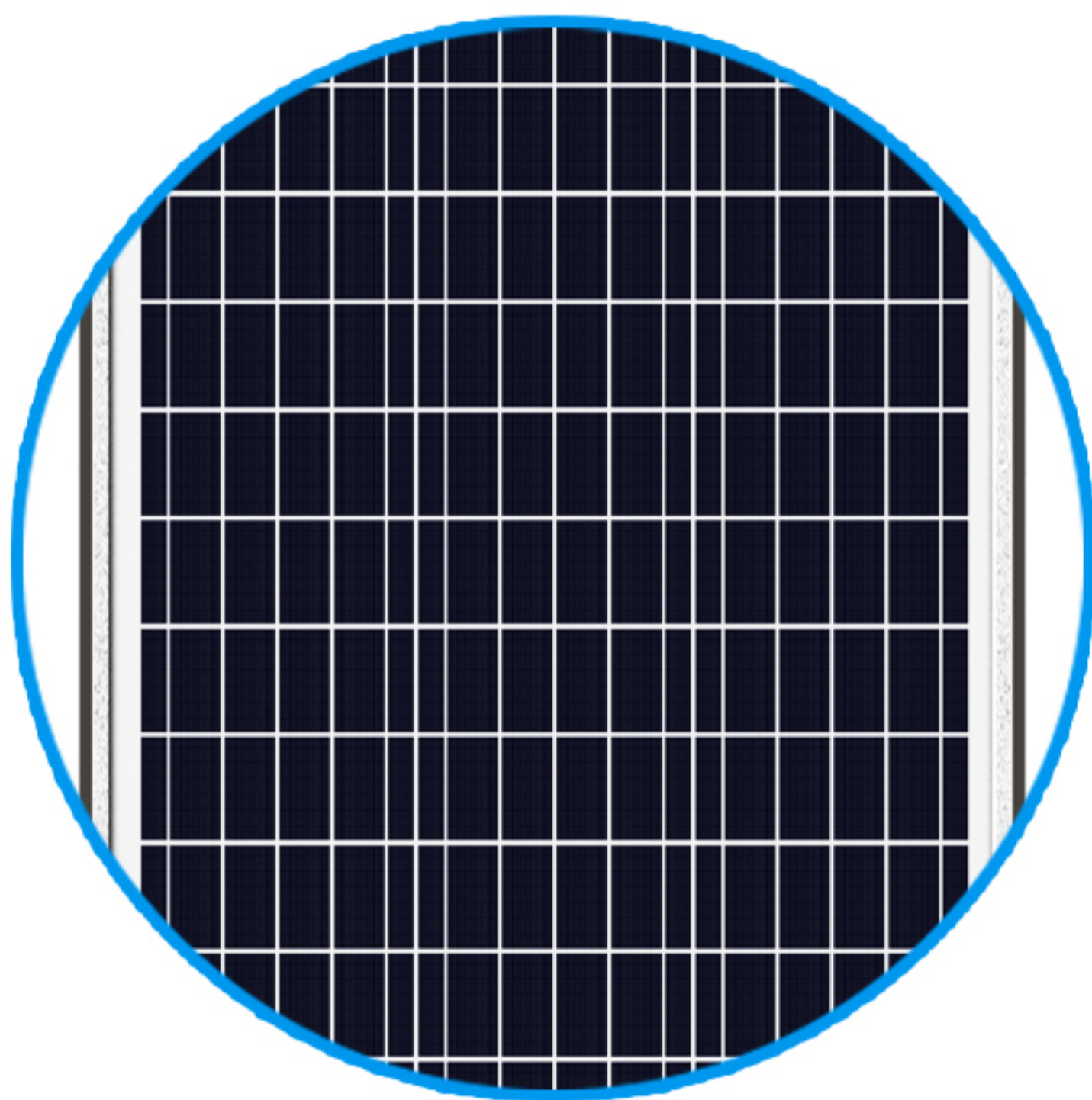
Using ultra-high brightness of SMD5050 LED chips

## 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

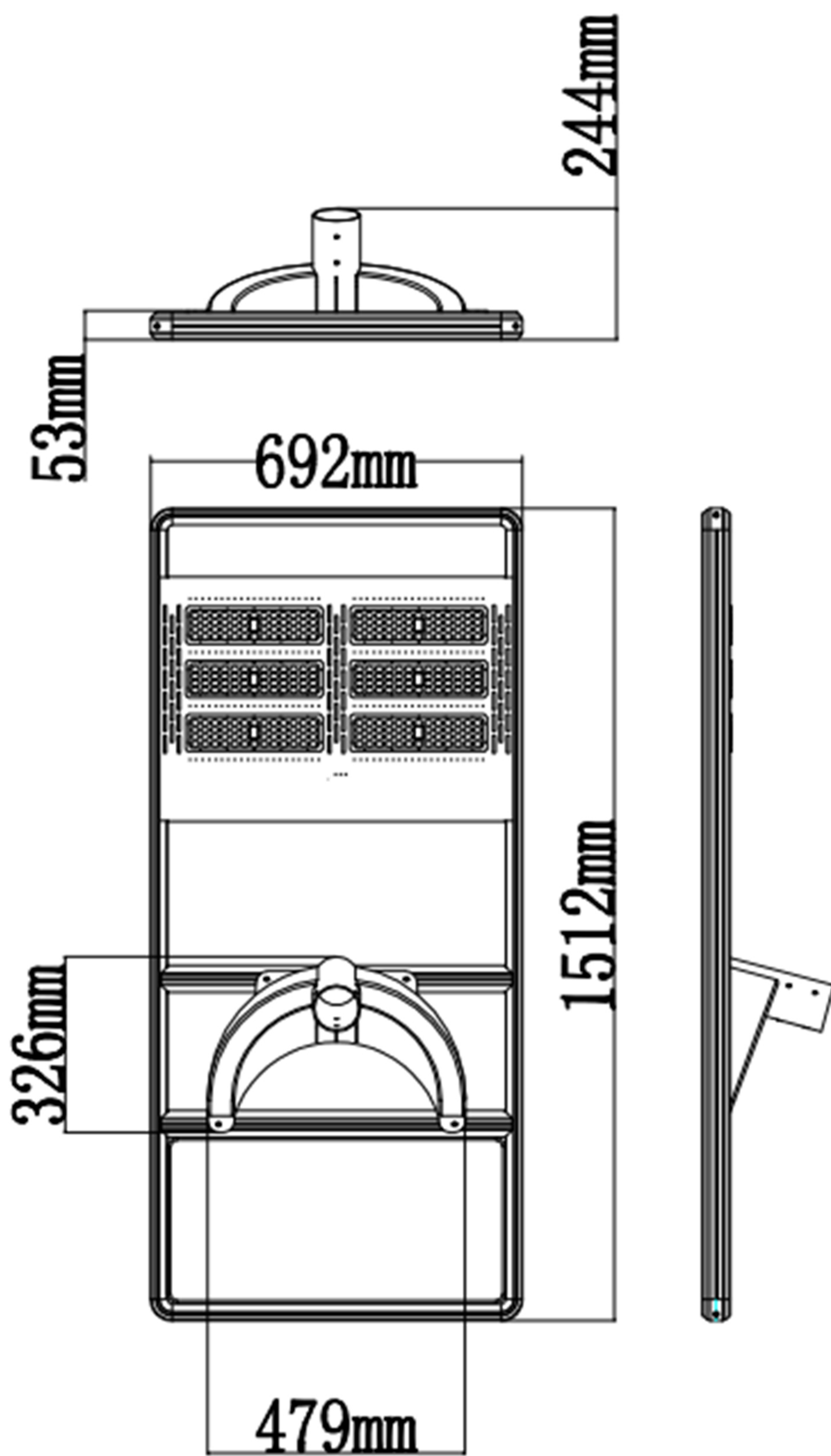


Imported solar panels, ultra high conversion rate



Multiple sensor modes, intelligent controlling lighting mode.

Product Size

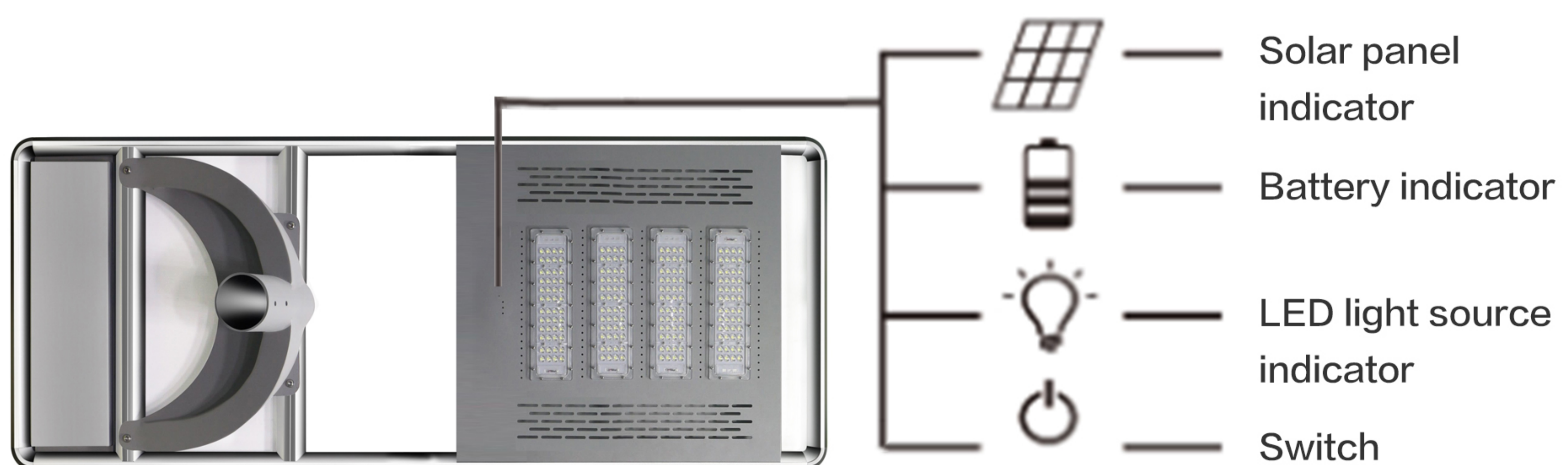


## Product parameters

Product model	LX-LD150W-HS	LX-LD180W-HS	LX-LD220W-HS	LX-LD250W-HS
Solar panel	36V/150W	36V/180W	36V/220W	36V/250W
Battery	25.6V/48AH	25.6V/60AH	25.6V/72AH	25.6V/84AH
	Efficient imported LiFePO4 battery			
System Lumens	8000LM	10000LM	12000LM	15000LM
LED brand	USA Bridgelux LED			
Number of LEDs	48*5PCS	48*6PCS	48*8PCS	48*8PCS
Beam angle	150*70°			
Color temperature	3200-3500K			
Life	50000H			
Working temperature	-20~60°C			
Protection level	IP66			
Charging time	8H			
Discharge time	Full power 12 hours per day, 2 rainy days			
Diameter of pole	80mm			
Lamp body size	1607*554*53mm	1512*692*53mm	1792*692*53mm	1978*692*53mm
Certification	CE/ROHS/ISO/IP66			
warranty	5 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.

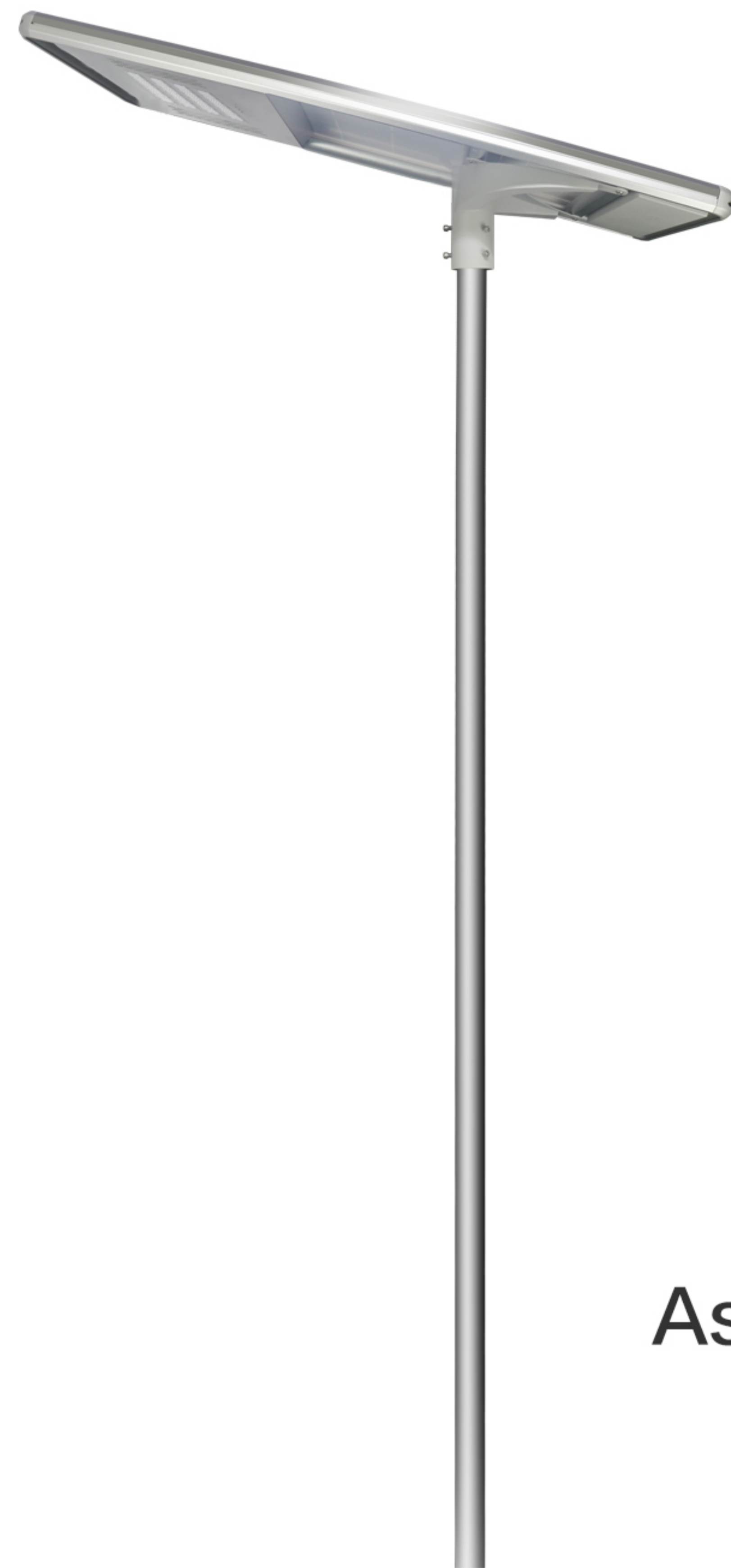
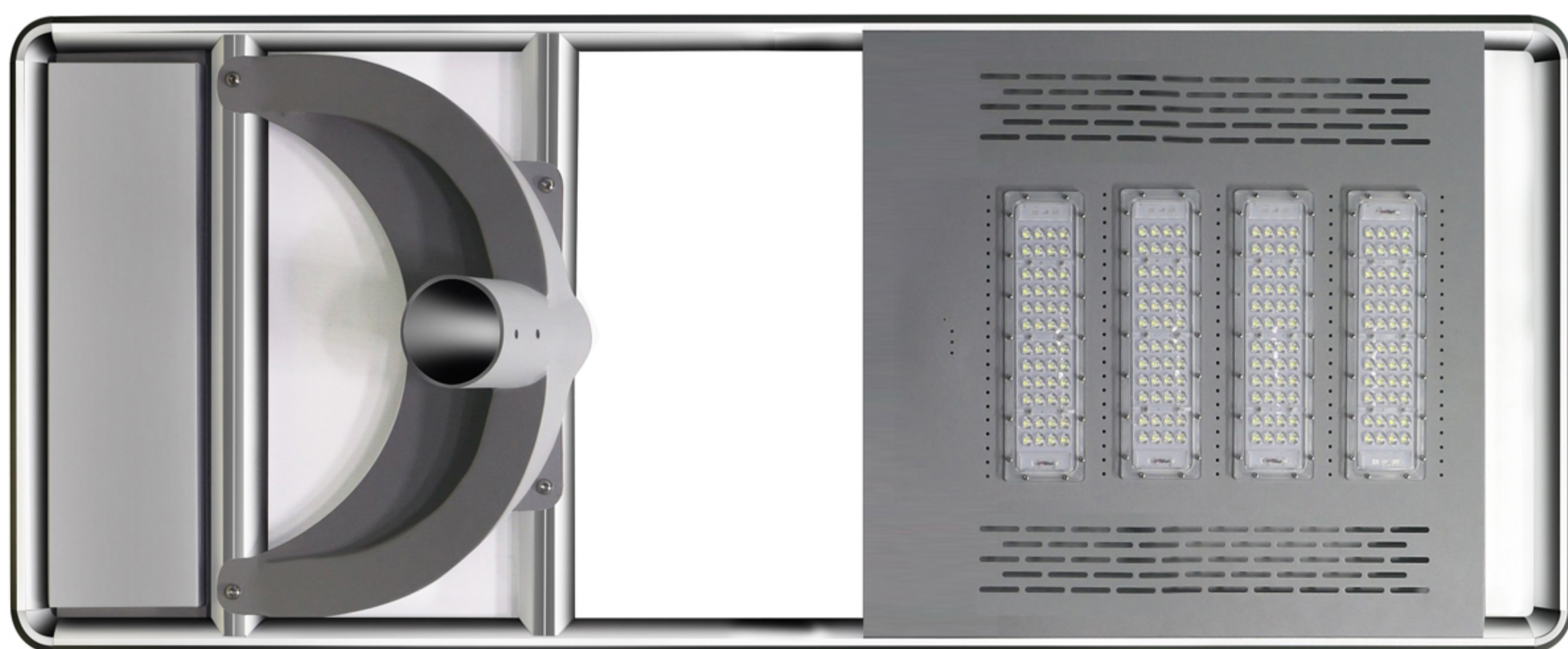


(Please note: There are three indicators on the panel)

Blue is the charging indicator:	Green is the battery indicator:	Red is the LED light source work indicator:
<p>Slow flashing means charging, full light means fully charged, and turning off light means no charging.</p>	<p>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.</p>	<p>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.</p>

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

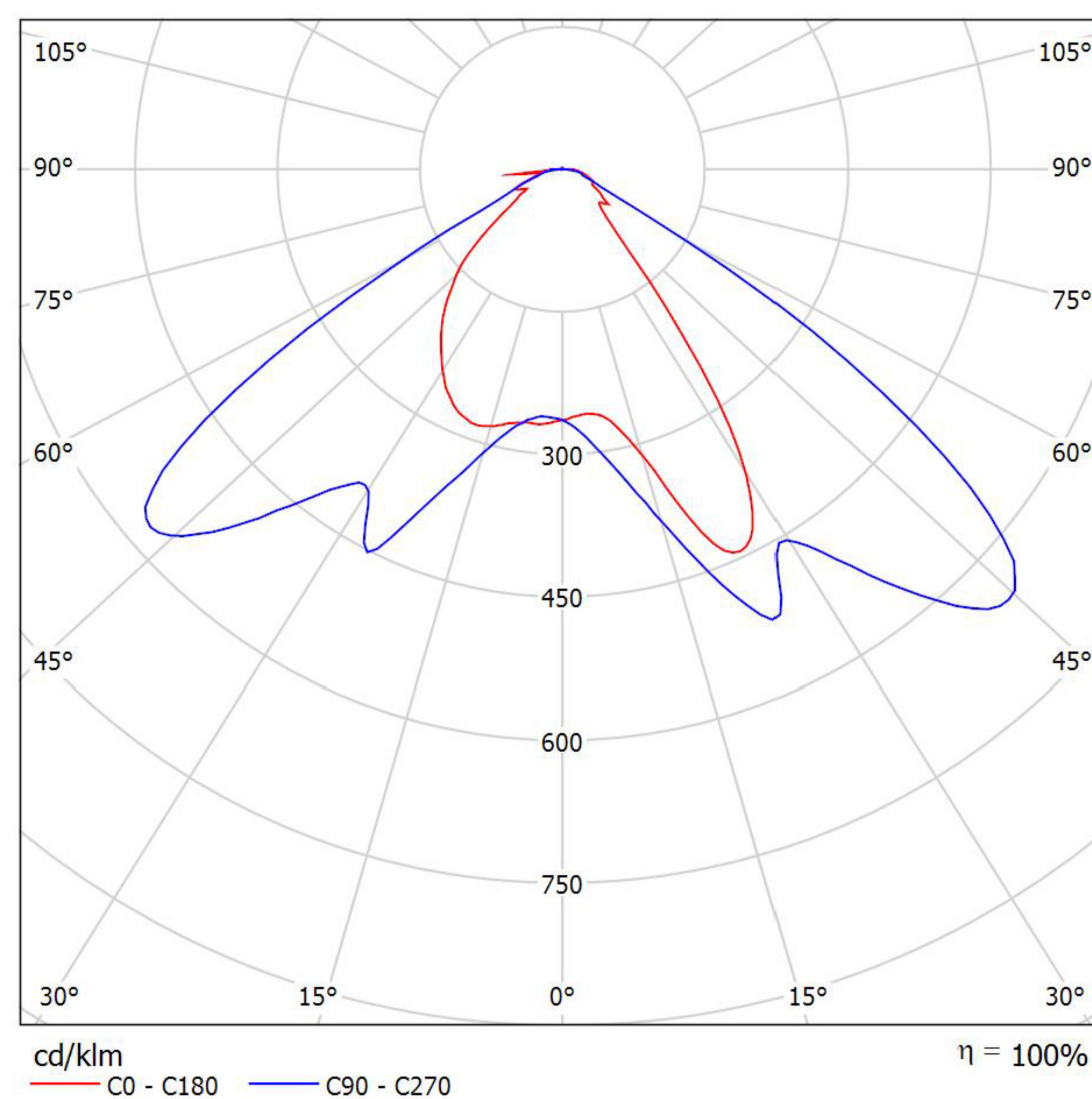
- During installation, one or two people shall hold the lamp body, and another person shall tighten the nut, so as to avoid misplacement of the nut due to force during the tightening process, or would result in nut sticking and subsequent undisassembly.
- It is recommended to install on a sunny day, 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

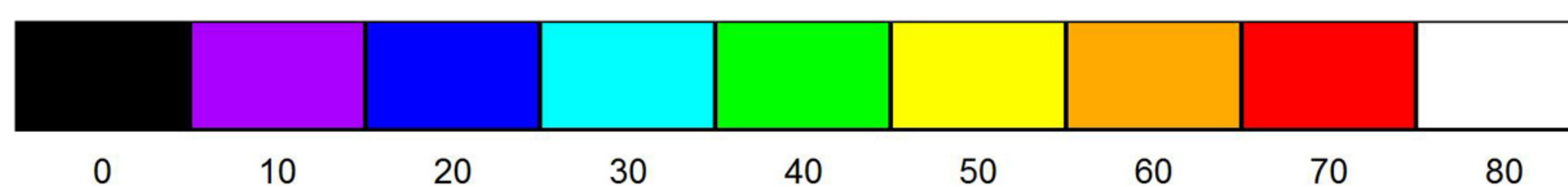
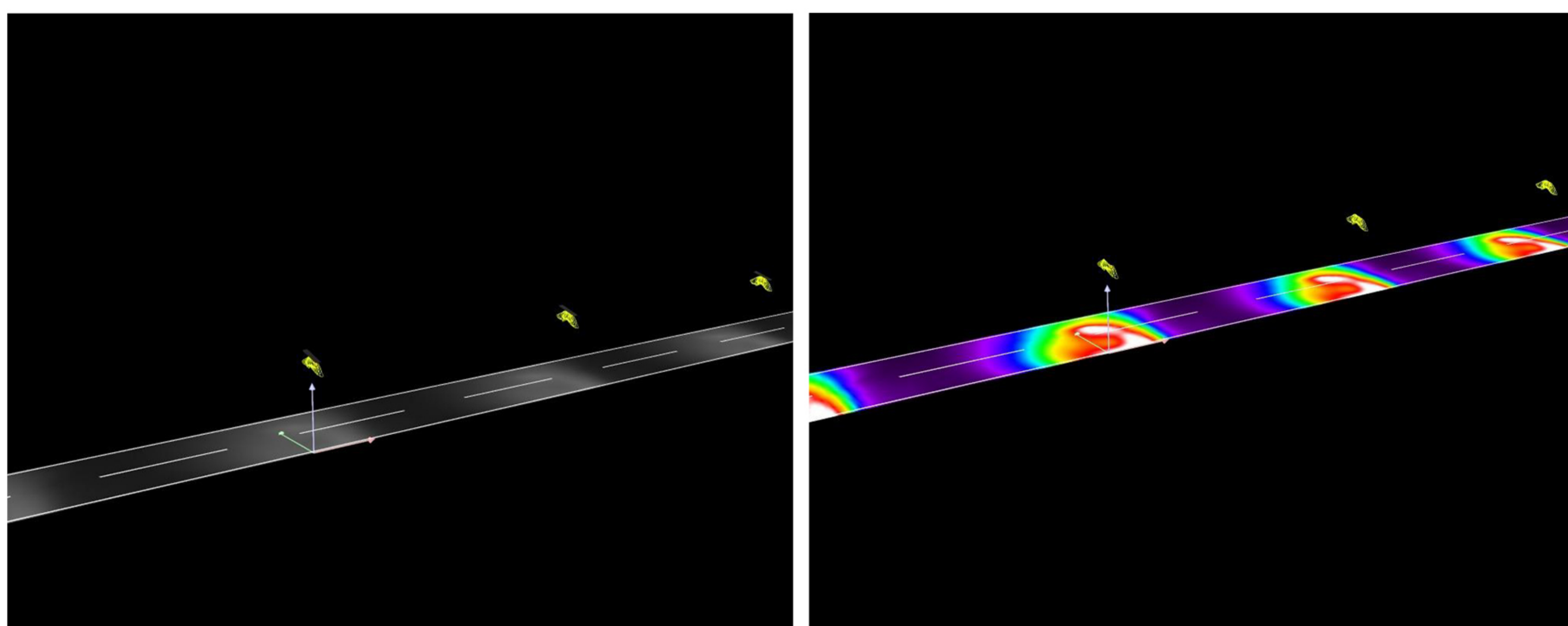
See our luminaire catalog for an image of the luminaire.

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

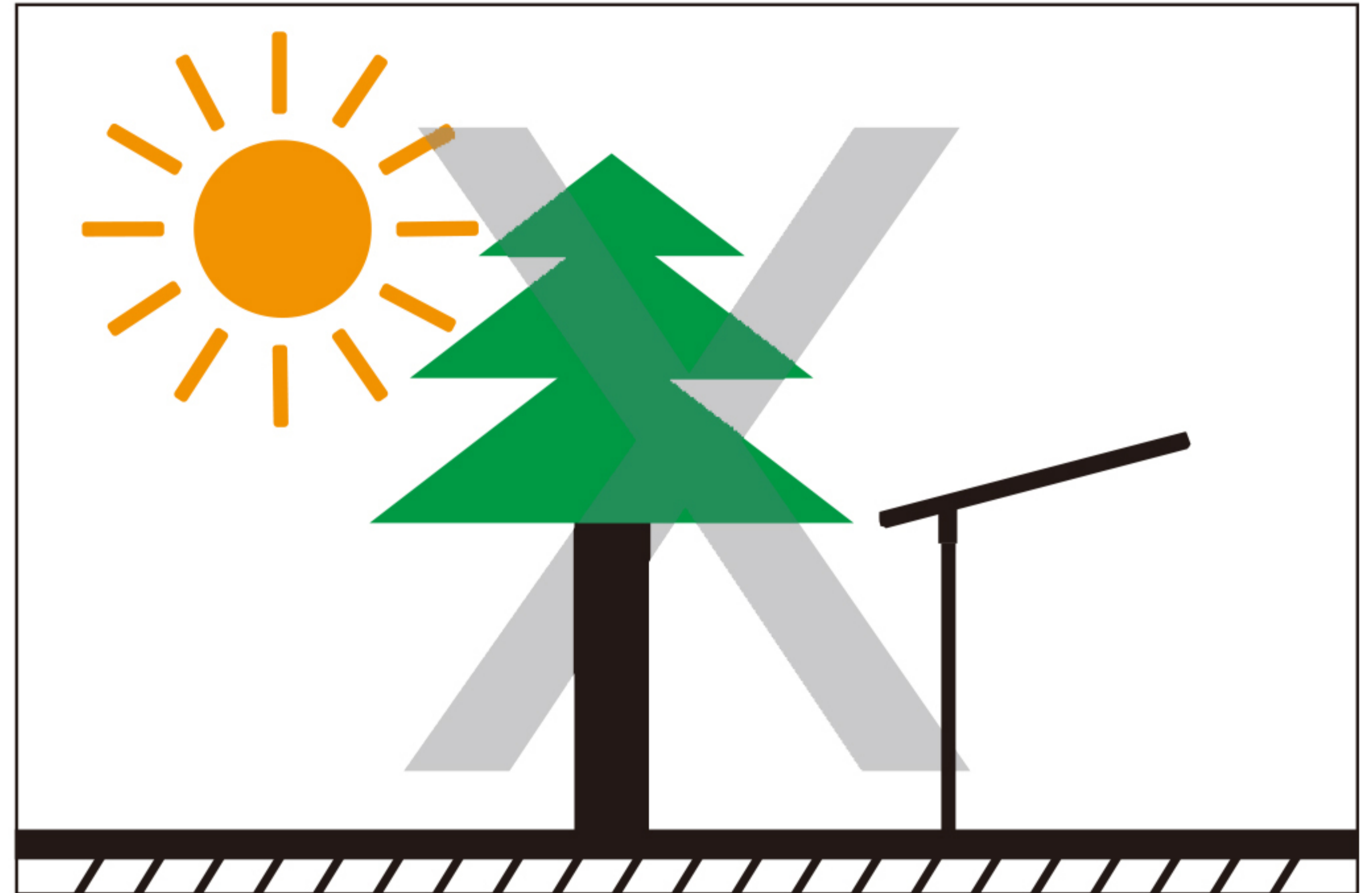
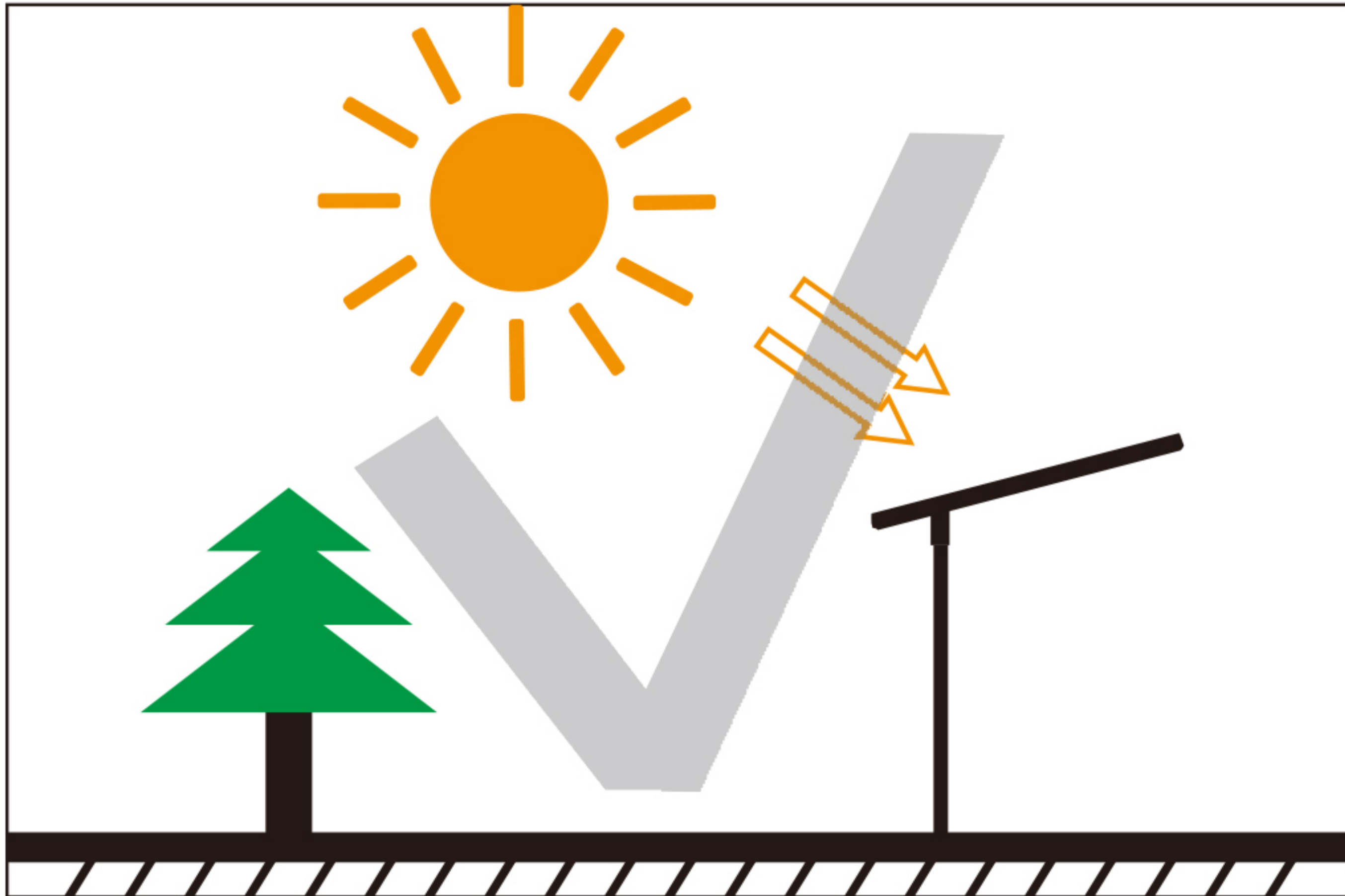


Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

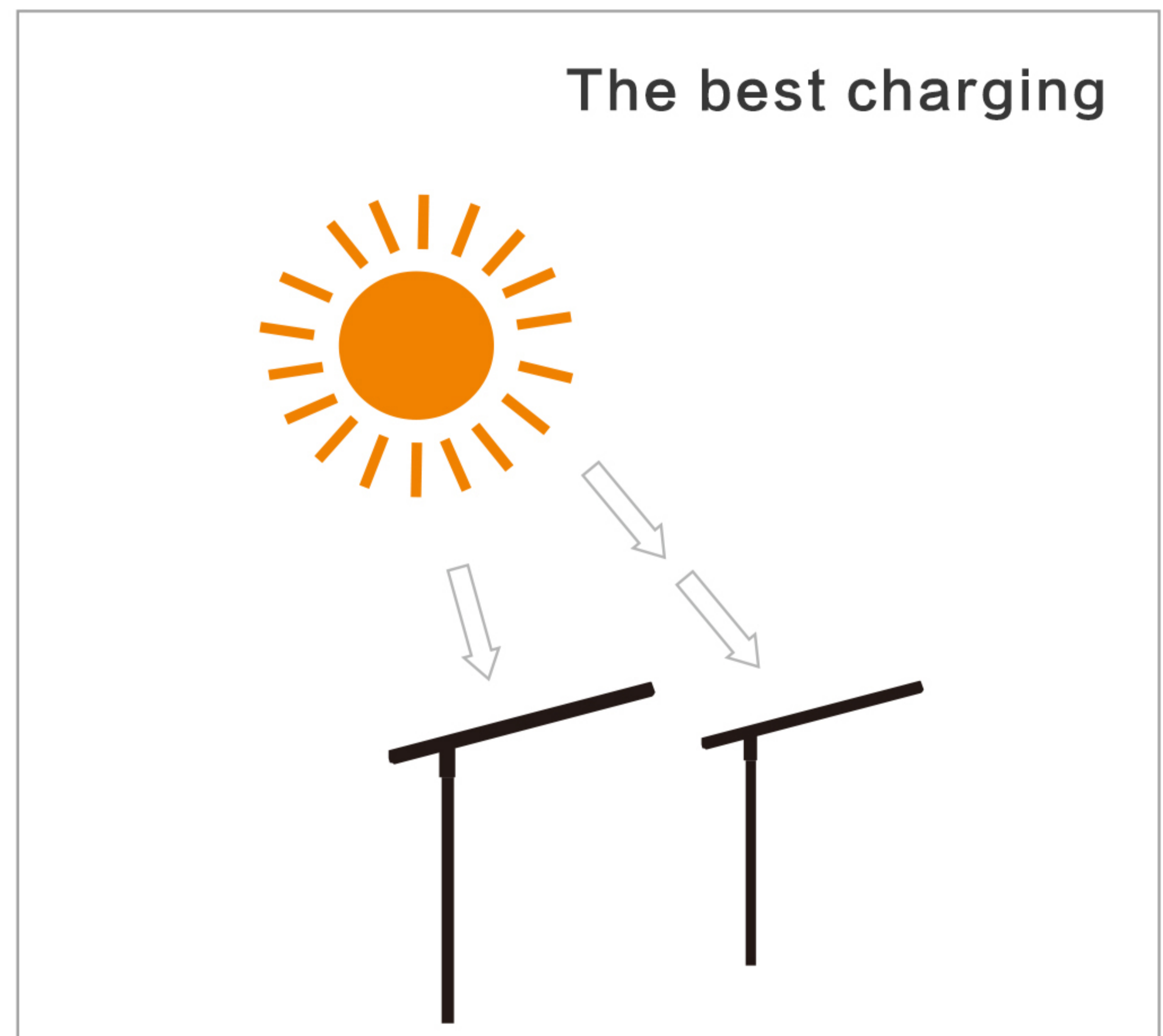
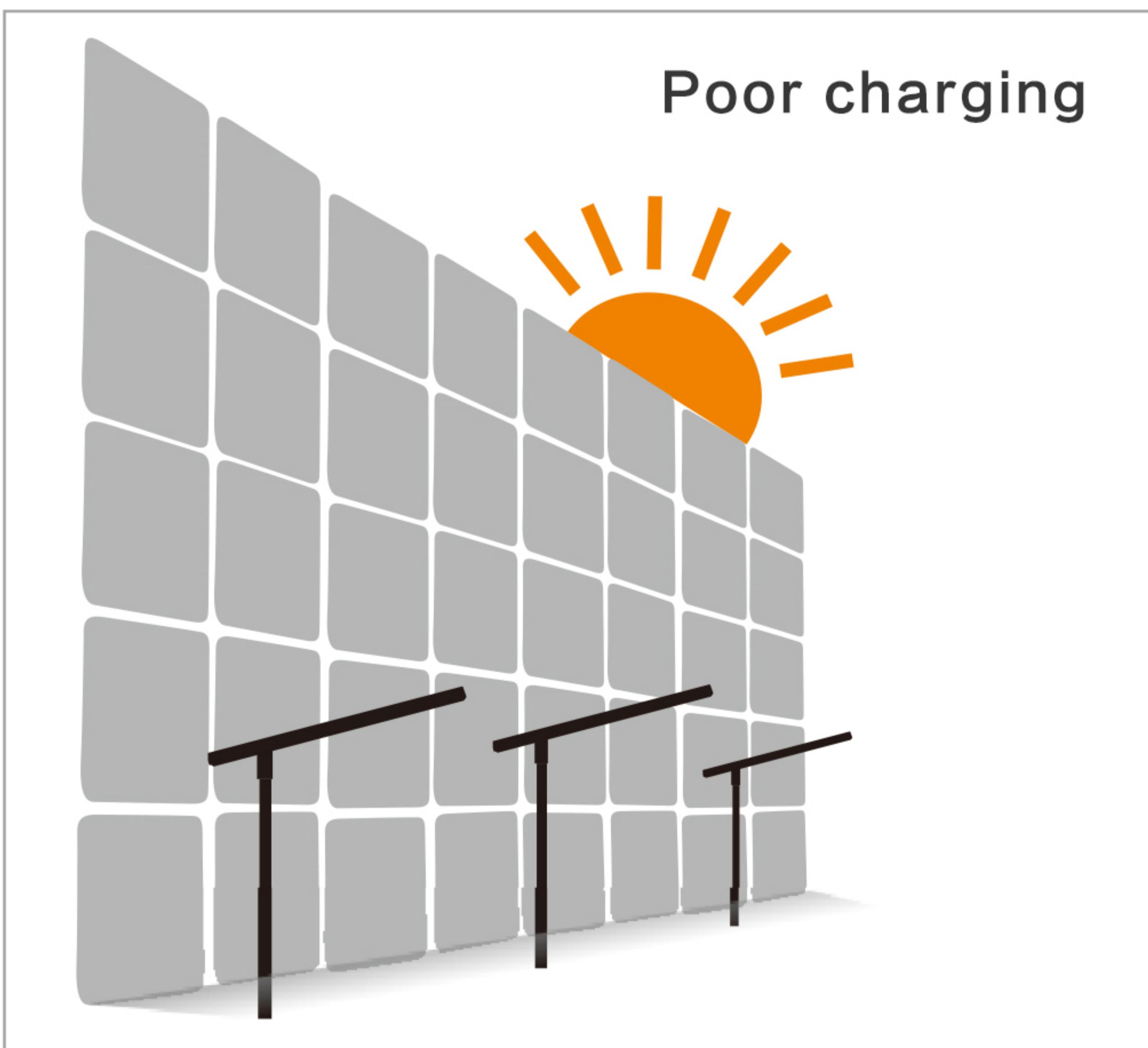
## Road lighting simulation



## Note 1



## Note 2



When install the integrated solar led street, please choose a position with enough sunshine and fully exposure.  
Pls note the panel must be fully exposed, without any shelter.