



PTS SERIES

Specification

Product Details



Product Feature



The angle can rotate with the sun, and easy maintenance of battery status



MPPT controller
The charging efficiency is more than 30% higher than that of conventional PWM



High quality LED
Super bright special lamp beads



Strong absorption of solar panels;
Adjust the angle up to 75 degrees



Mould plug
Smooth appearance and structure;The overall appearance is beautiful



It was adjusted 24 times during the day;The power consumption is 0.05wh/day

PRODUCT INSTRUCTIONS



13 key remote control

Mode setting:

The mode setting are: time control mode, sensing mode and mixed mode

Duration setting:

Set the duration of lighting, including 12 hours, 9 hours and 6 hours respectively

Brightness setting:

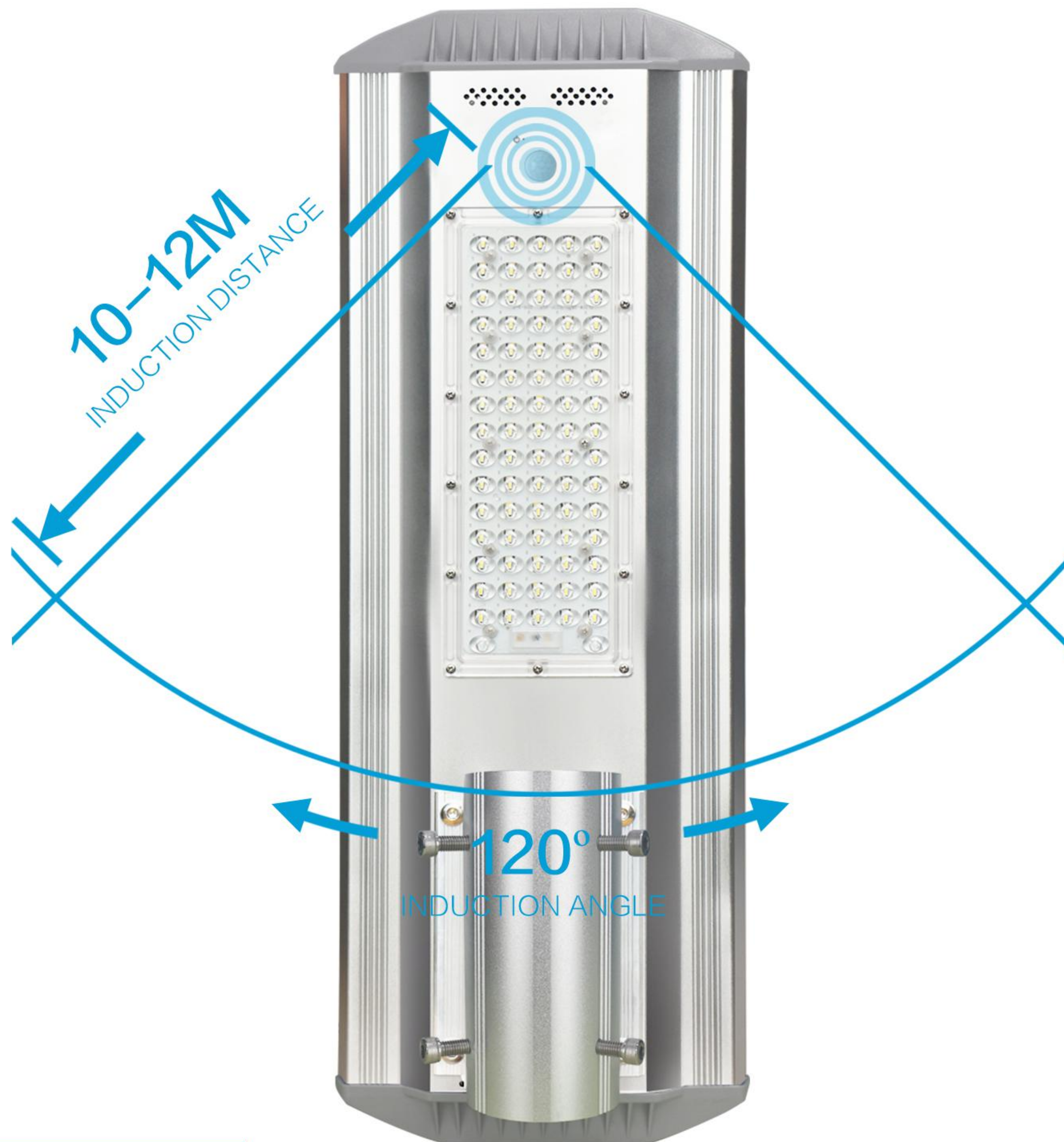
Set the brightness of the light source, with 100% brightness, 70% brightness and 50% brightness respectively

PRODUCT ADVANTAGES

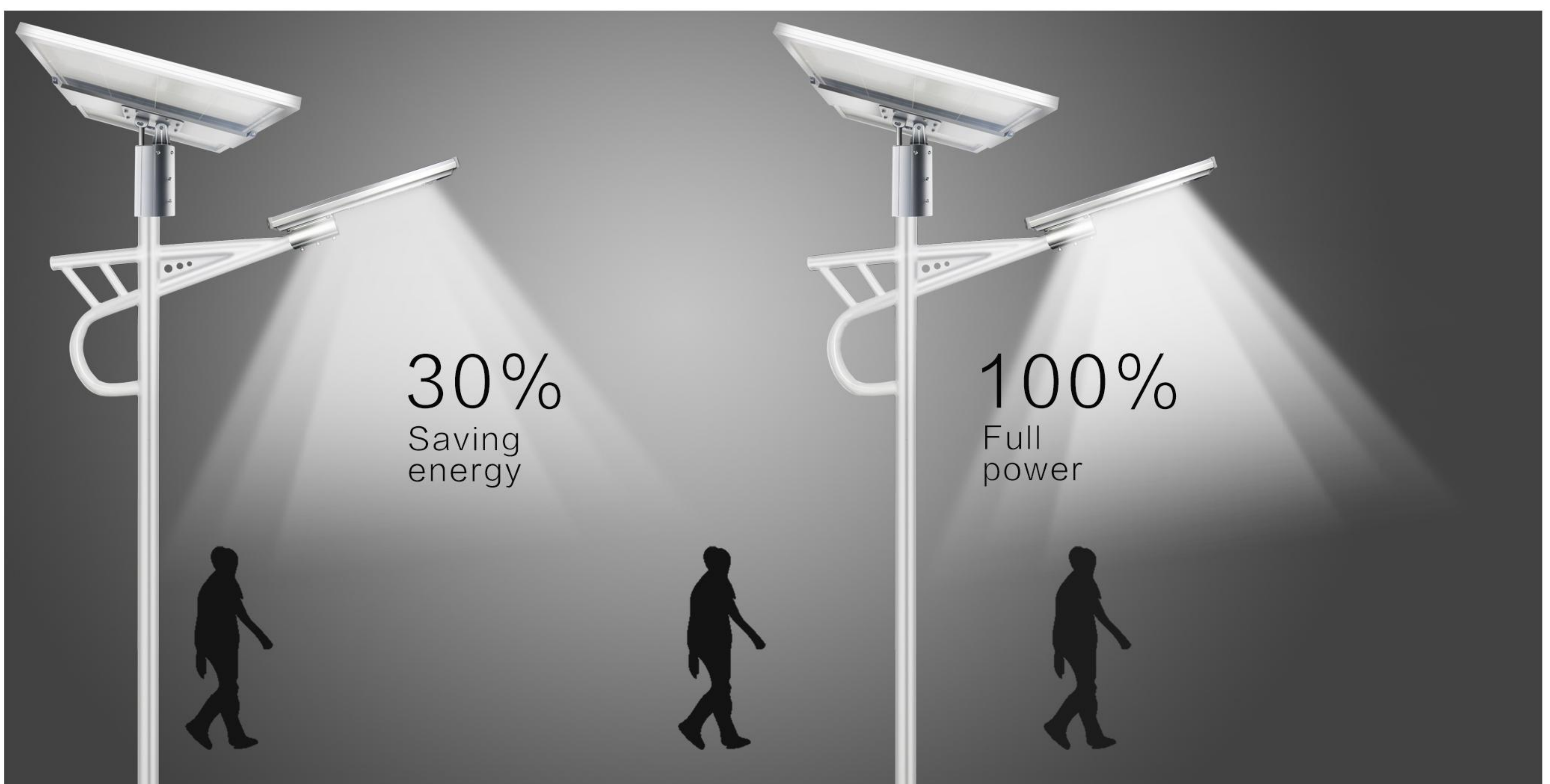
- Easily set the working mode of solar street light;
- 10–12m infrared sensing range of remote control, suitable for most installation height
- Multiple working modes to deal with various complex environments
- According to the demand, the running time can be reasonably controlled, and it can last for a long time in the rainy days.

T—— (Time control mode); I—— (Sensor control mode);
 TI: (Mixed control mode, time control in the first 5 hours; sensor control in the last 7 years)

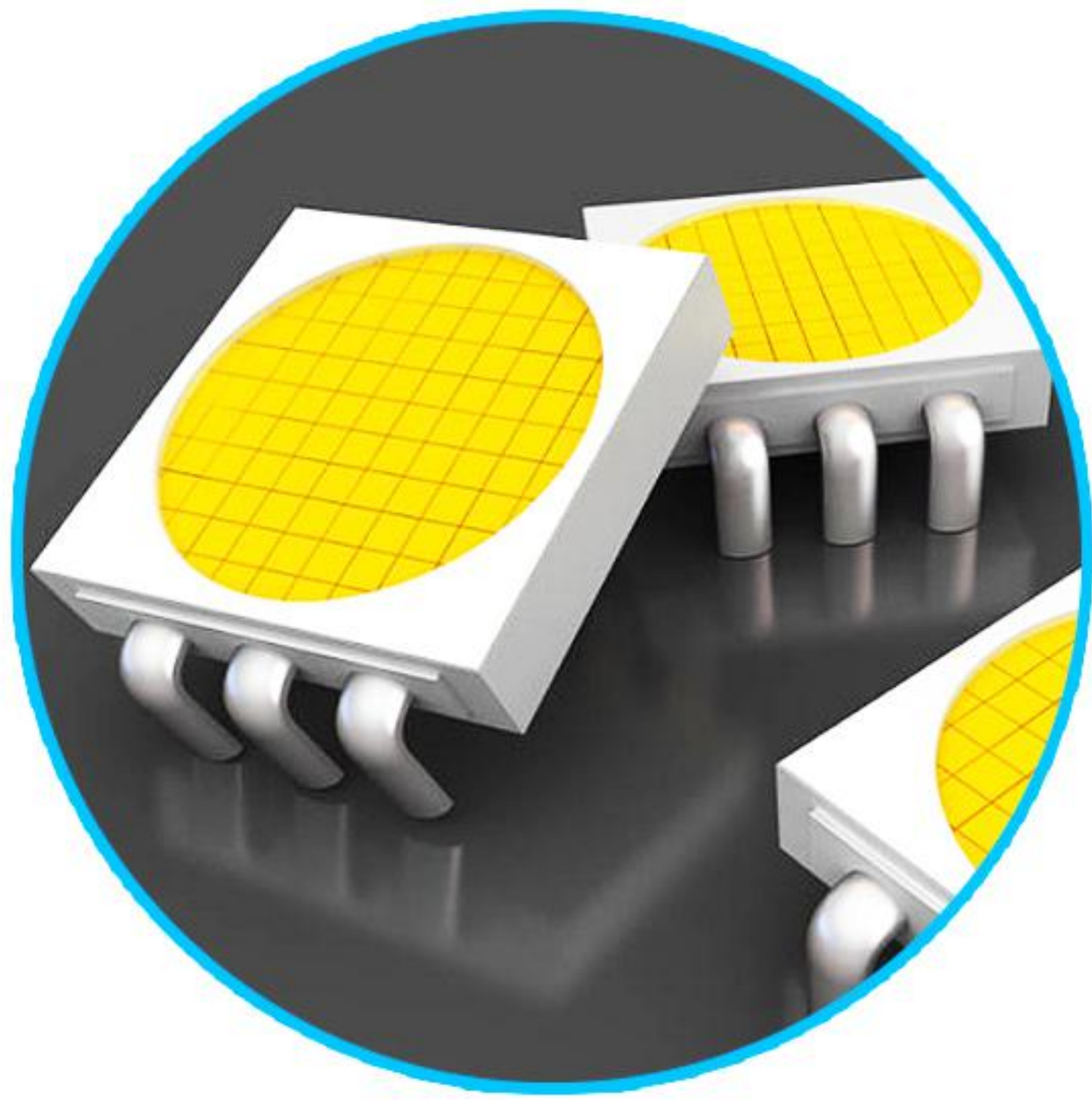
Induction range



Induction effect

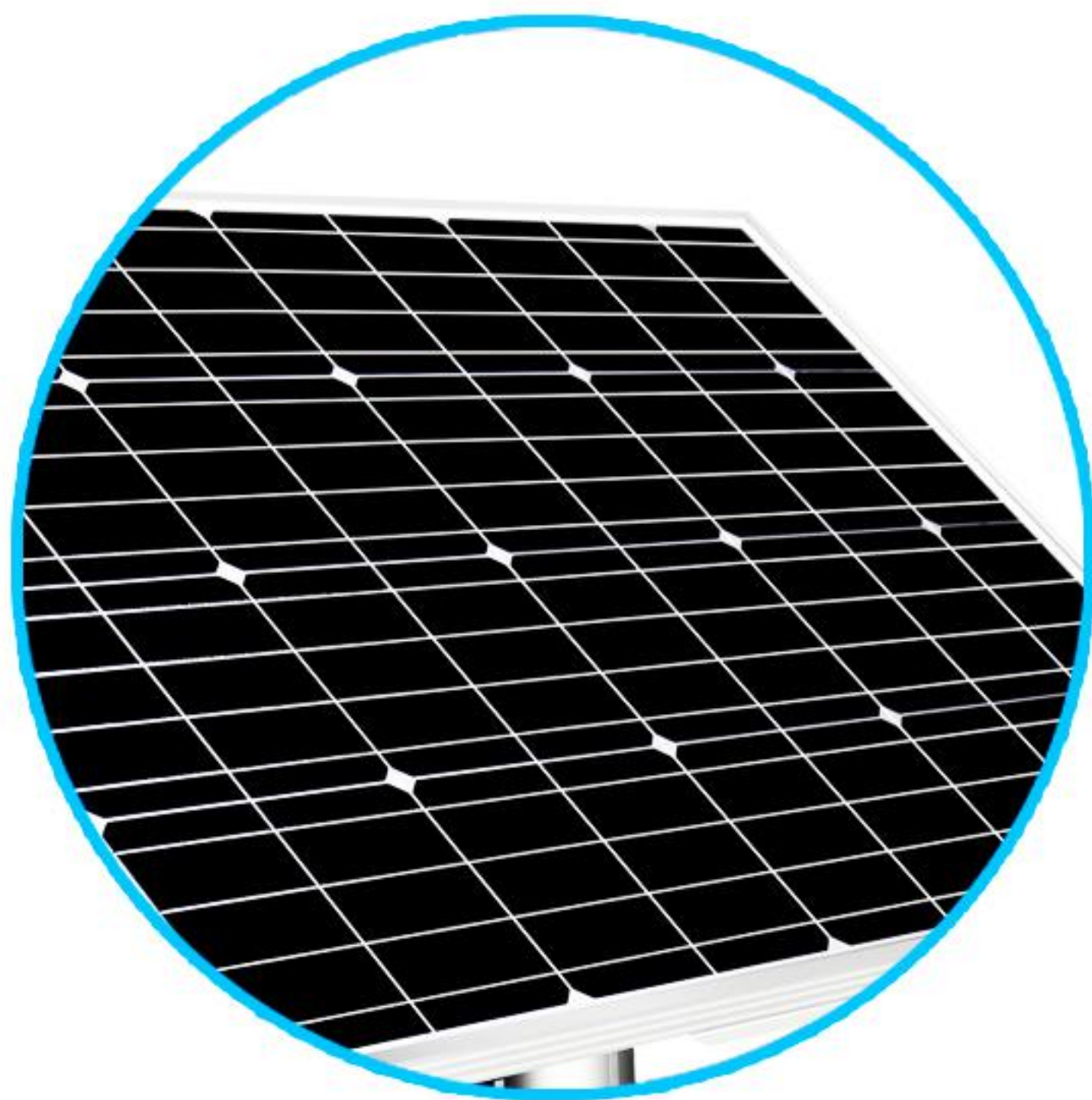


INTRODUCTION TO MATERIALS USEF



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.



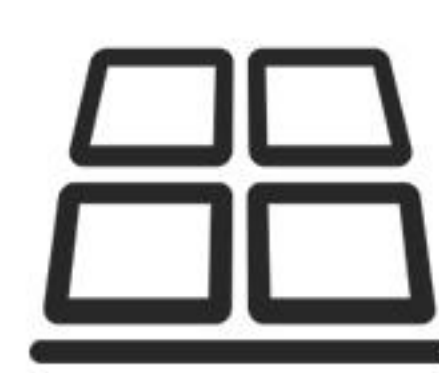
Multiple
controlling
mode, easy
operation.



Imported lamp
beads, long
lifespan



Customizing
battery box,
waterproof,high
and low
temperature
resistance

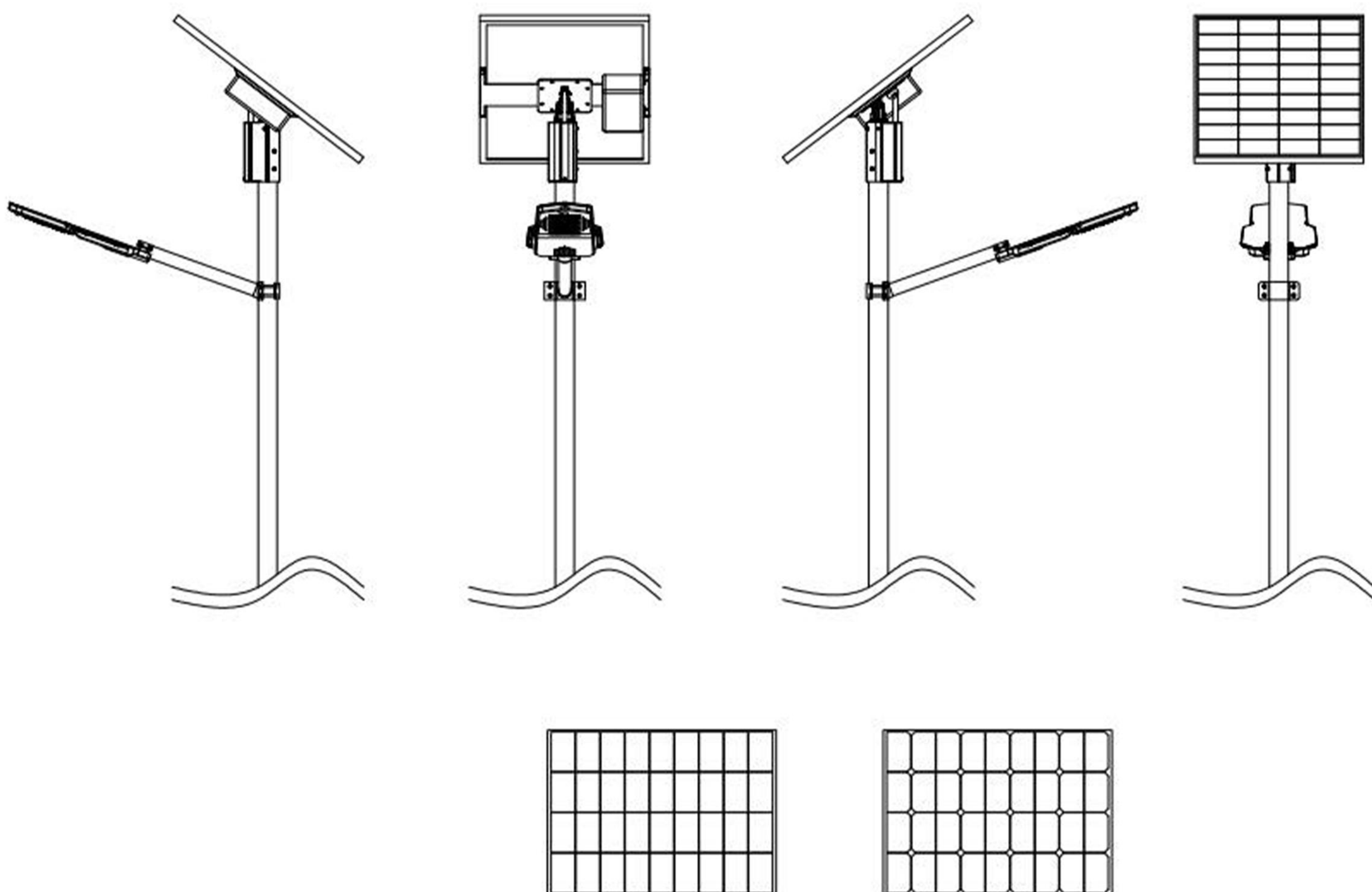


Imported solar
panels, ultra
high conversion
rate



Multiple sensor
modes,
intelligent
controlling
lighting mode.

Product Size

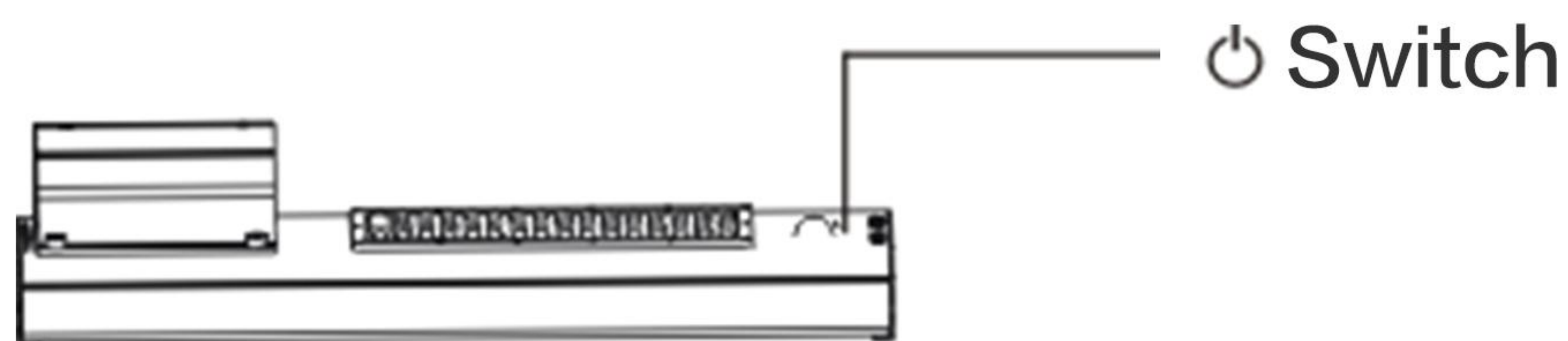


Product parameters

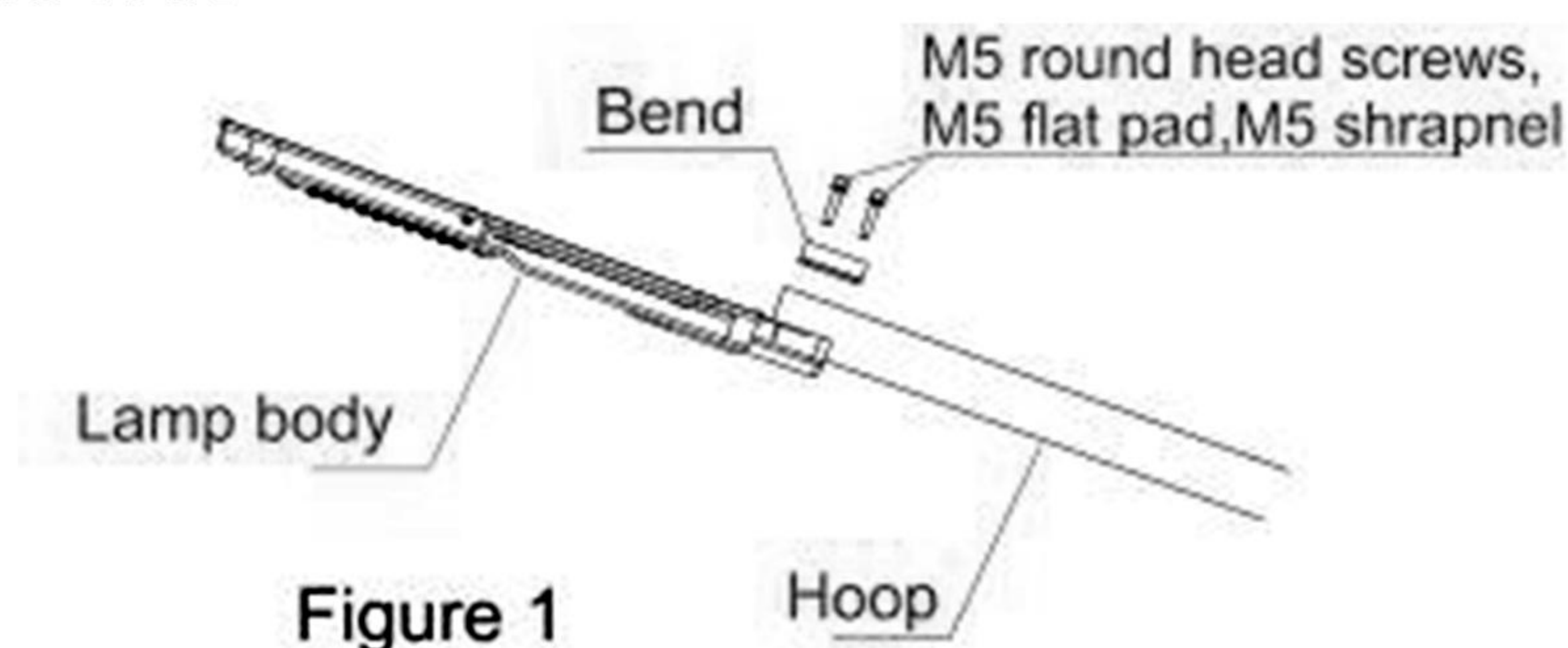
Product model	PTS-01 60W	PTS-02 80W	PTS-03 100W
Polycrystalline solar panel	90W18V	110W18V	130W18V
lithium battery	336WH	408WH	564WH
Lamp cap parameters	Small diamond 75PCS*2 3030	Small diamond 75PCS*2 3031	Small diamond 75PCS*2 3032
Luminous flux	6000LM	8000LM	10000LM
Charging time	8H	8H	8H
Rainy days	5-7days	5-7days	5-7days
Recommended installation height	5-7m	7-9m	9-10m
Packing size of product outer box	Packaging of solar panels: 720*80*660MM Sleeve packaging: 225*225*370MM Packaging of lamp cap: 1210*85*265MM	Packaging of solar panels: 920*80*720MM Sleeve packaging: 225*225*370MM Packaging of lamp cap: 1210*85*266MM	Packaging of solar panels: 720*80*660MM Sleeve packaging: 225*225*370MM Packaging of lamp cap: 1210*85*267MM
Finished product code	Lithium 01.PTS.10 Lifepo 401.PTS.11	Lithium 01.PTS.20 Lifepo 01.PTS.21	Lithium 01.PTS.30 Lifepo 01.PTS.31
Working mode	Integration of time control and induction, with remote control		
Remarks	All series MPPT controller, controller and lithium battery are placed in the lamp cap		

Installation Procedure

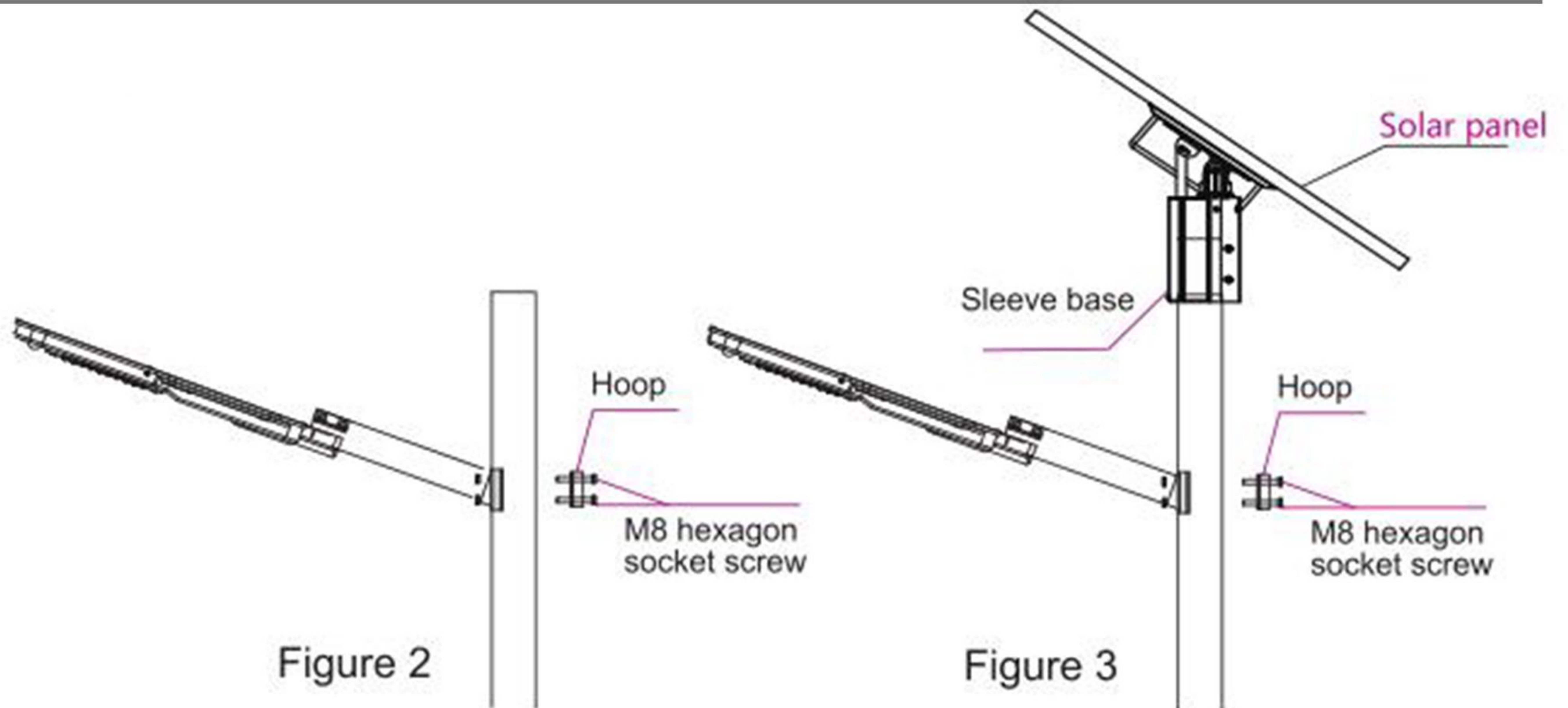
1. Adopt the suitable position to put the pole, diameter is 50-60mm, thickness is more than 2.0mm of iron and stainless steel material is better for the pole.
2. To check if it is complete accessories after opening the packing.
3. To use the pin to turn on the light before installation.



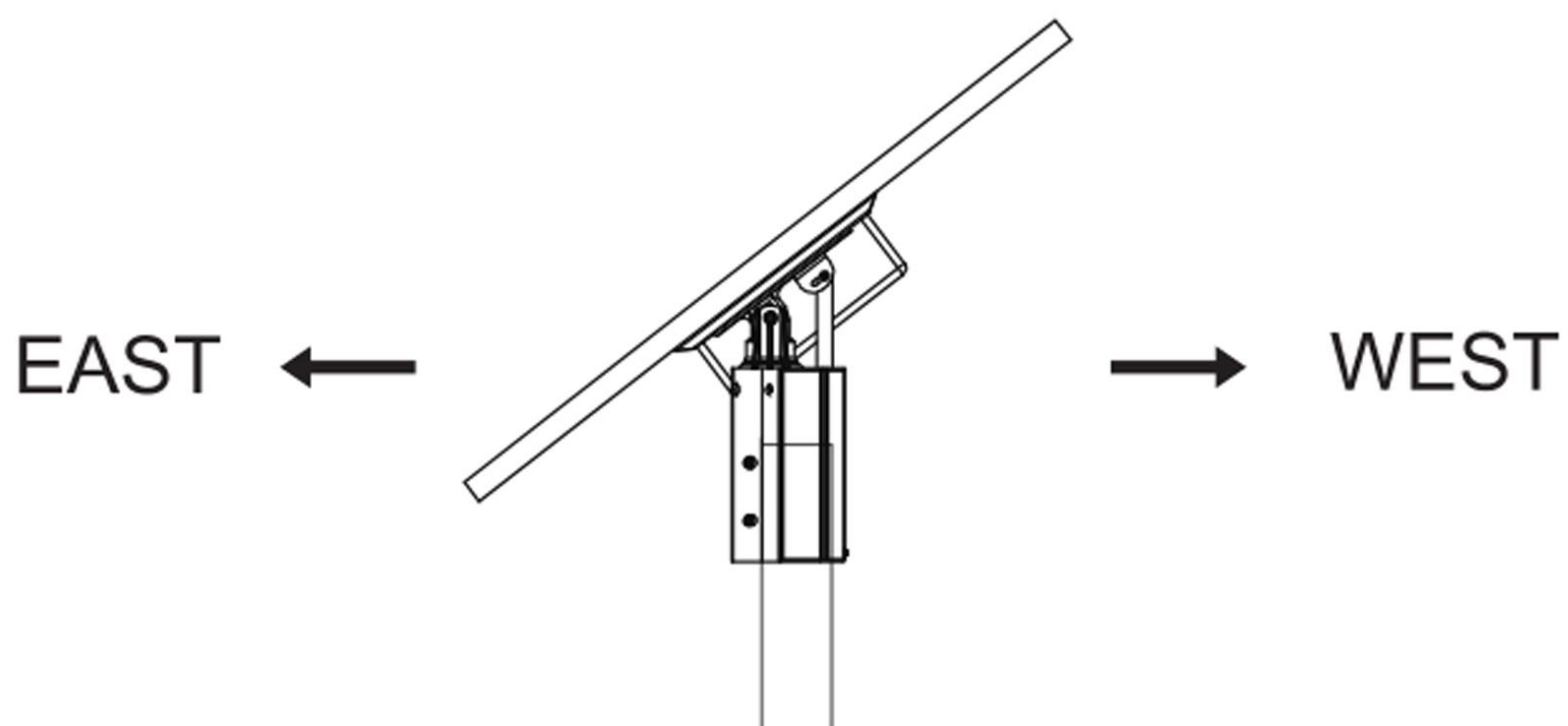
4. Fix the lamp body to the pick arm with the pressing piece, M5 hexagon socket screw, spring piece and flat washer as picture 1 shows.



5. Use the hoop, M8 socket head cap screws, shrapnel, and flat pad to fix the installed arm light body to the light pole as picture 2 shows; there is individual solar panel for the sun-tracking light, the sleeve base of the solar panel needs to be sleeved on the light pole, tighten the screws to fix as picture 3 shows.

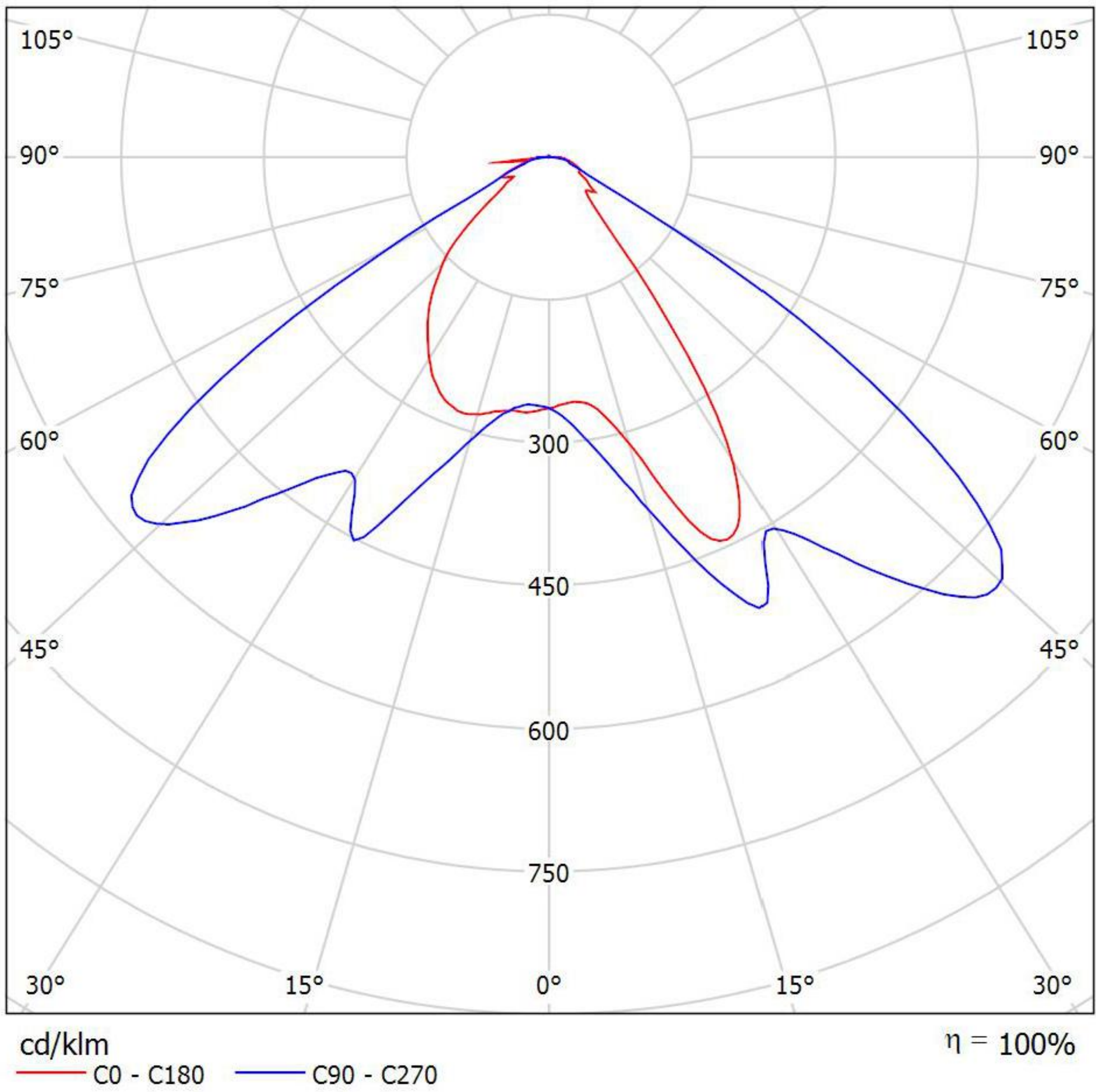


6. Need to make sure the rotate orientation of the solar panel from east to the west, which can better to get the power from the sunshine.



SPECTRA

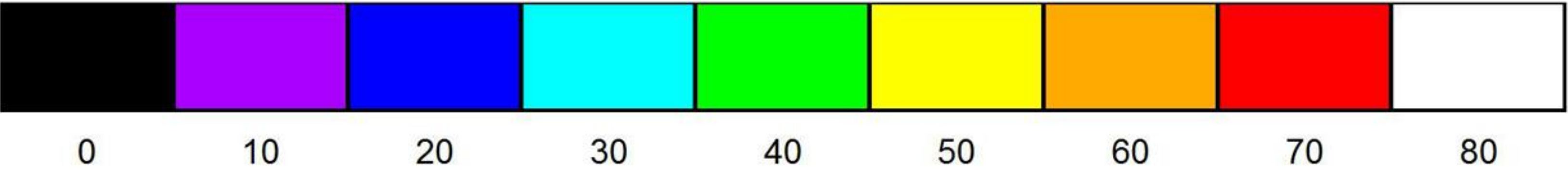
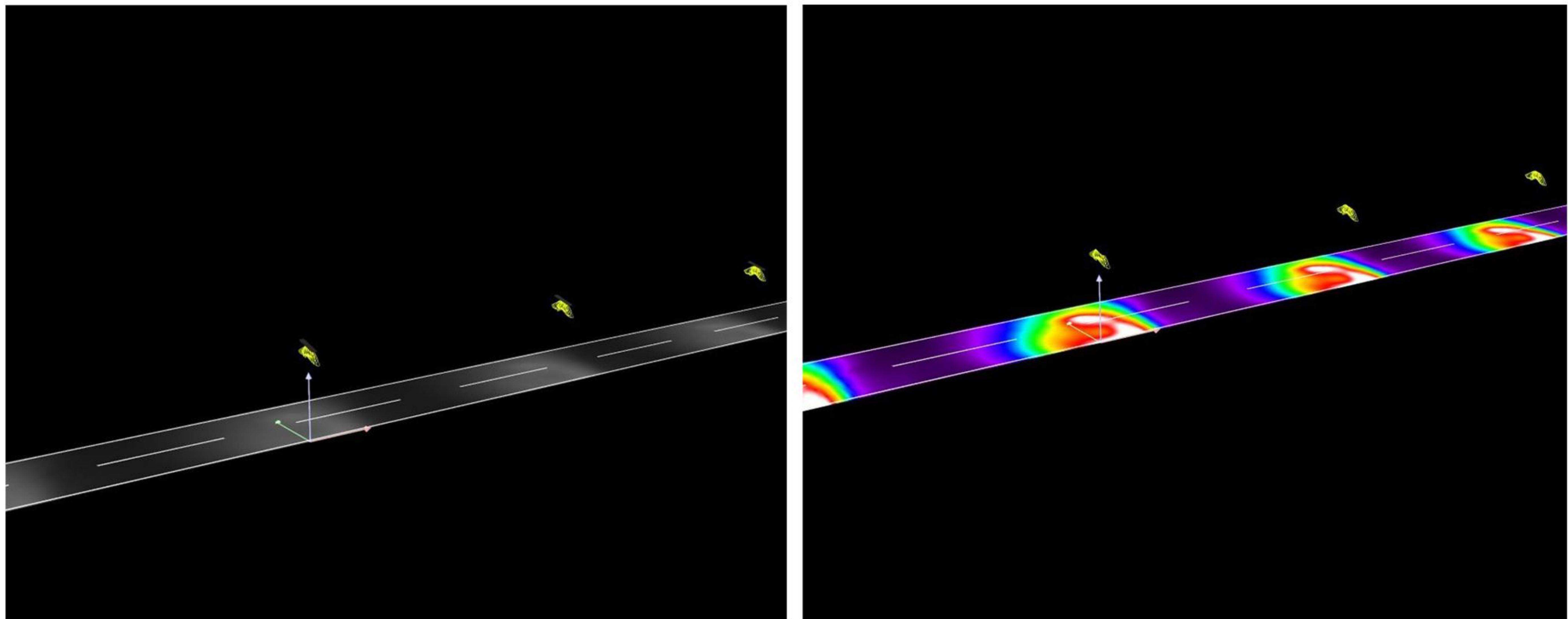
See our luminaire catalog for an image of the luminaire.



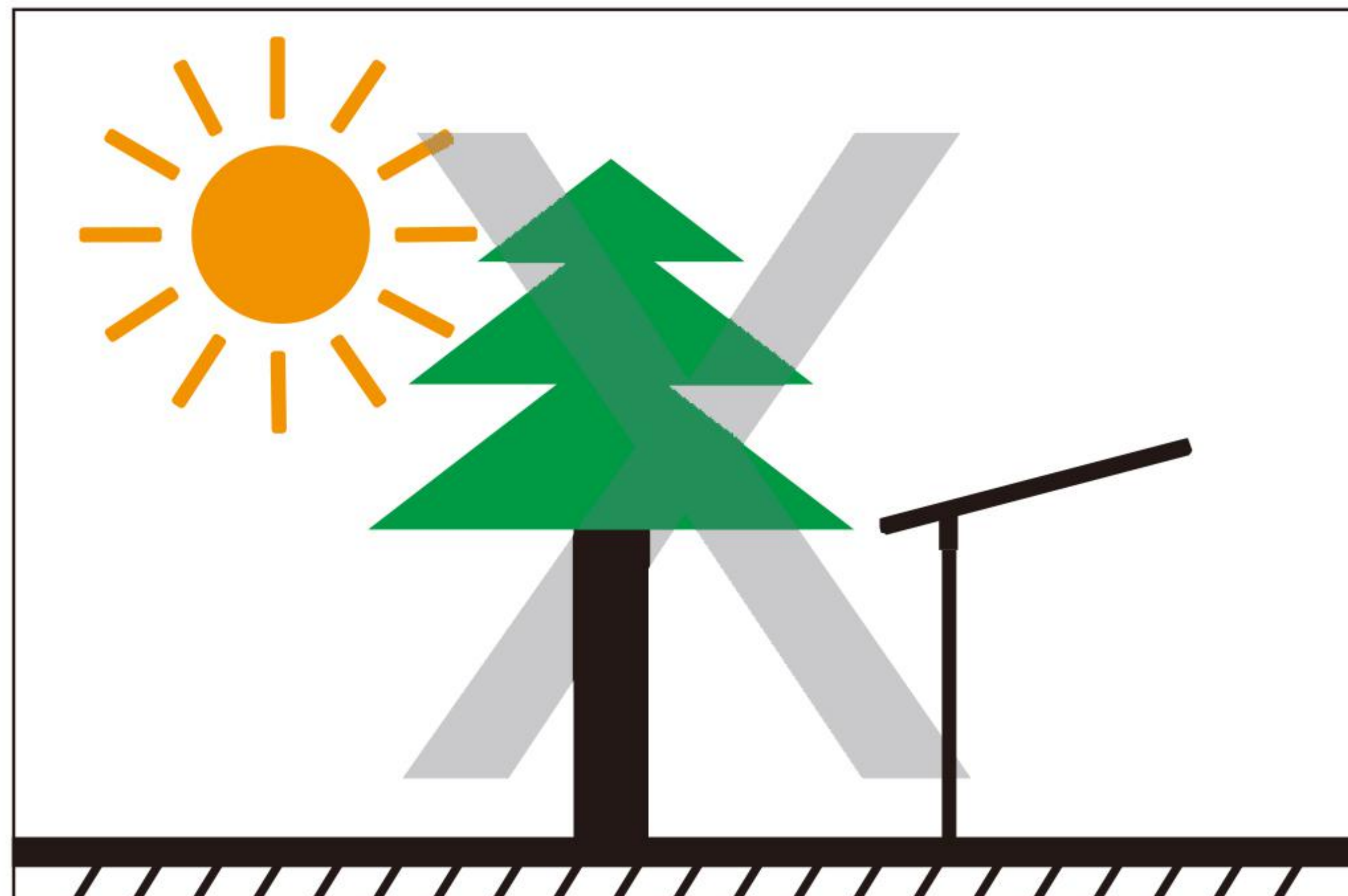
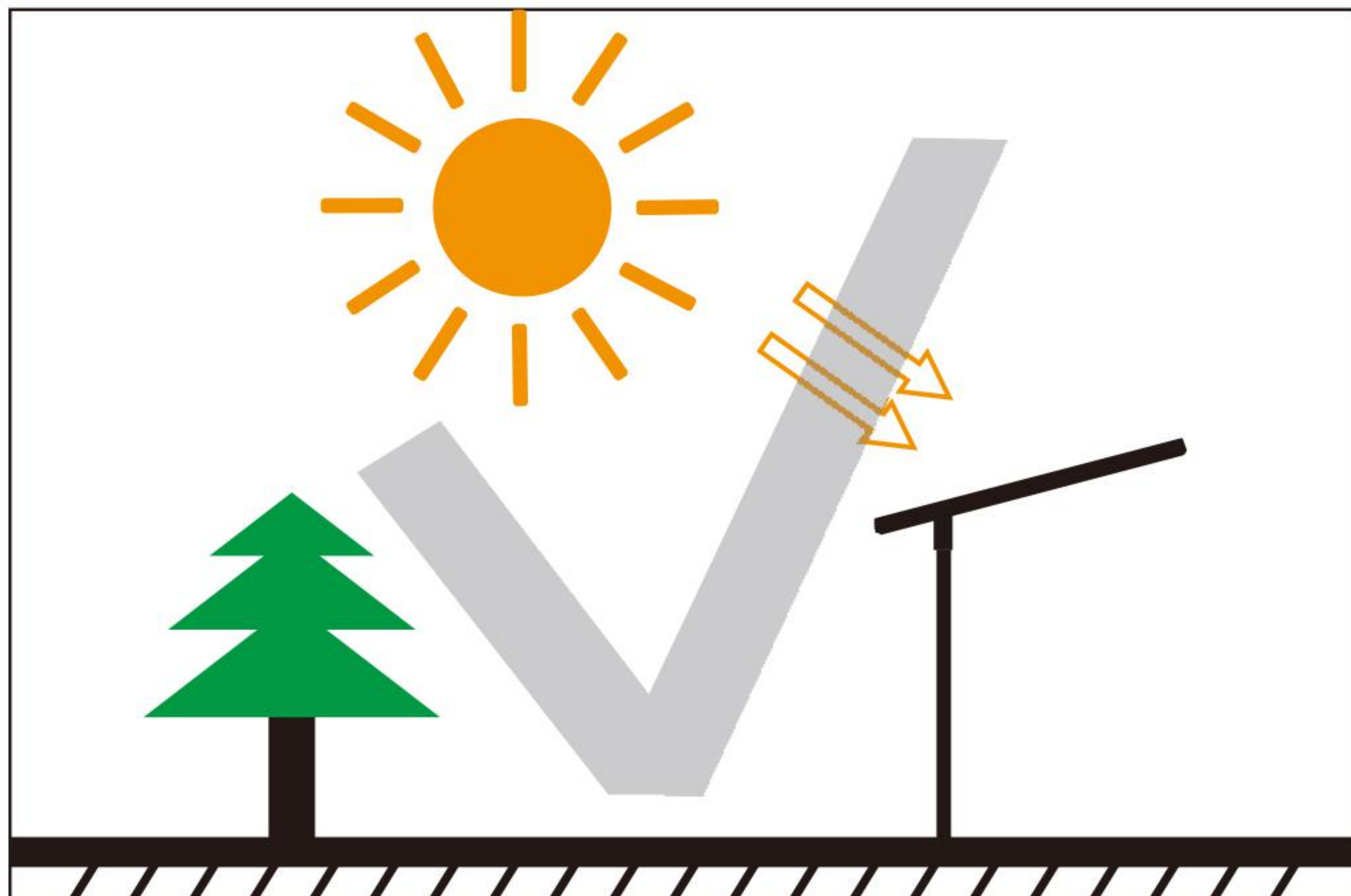
Luminaire classification according to CIE: 100
CIE flux code: 56 90 98 100 100

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

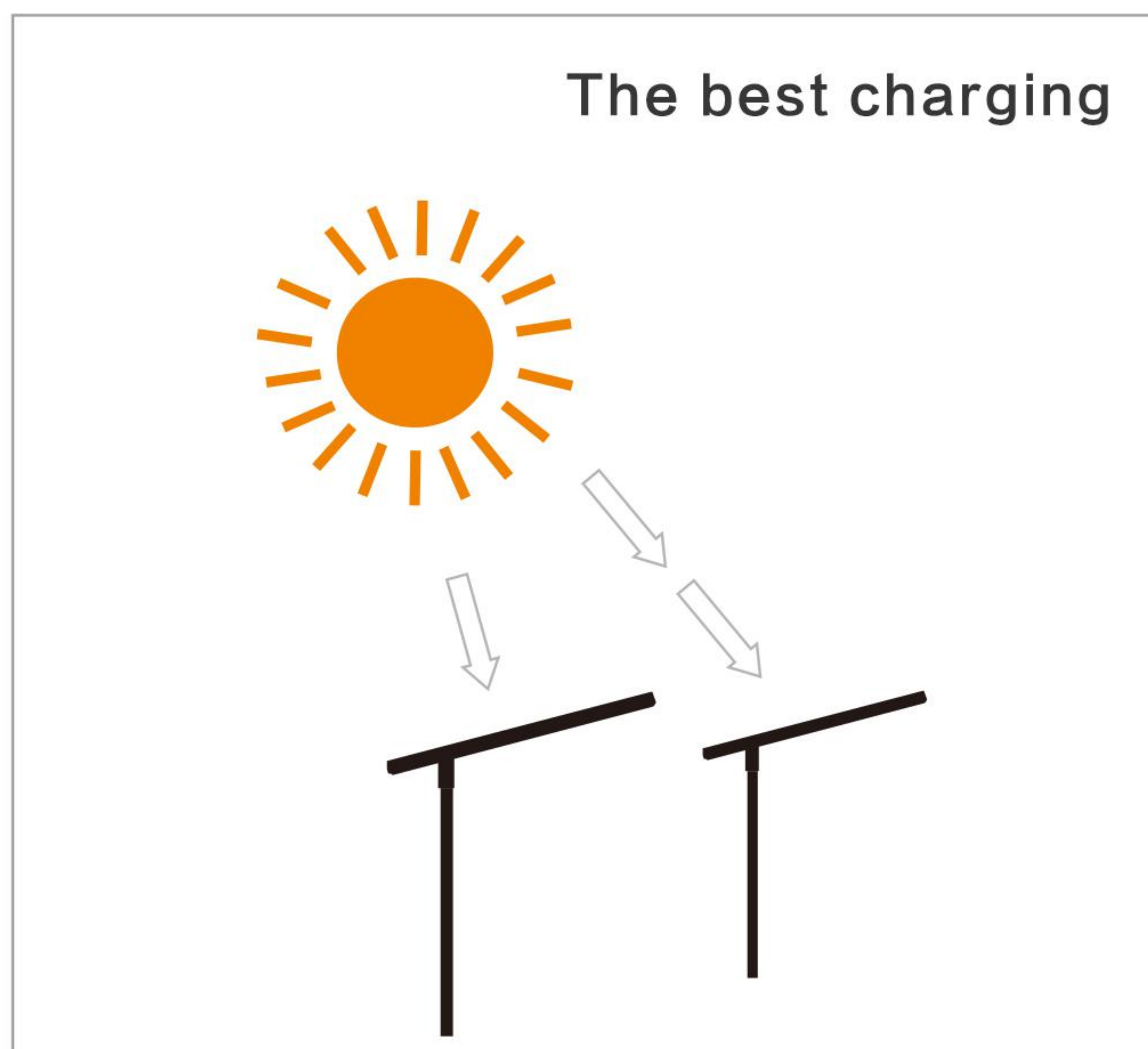
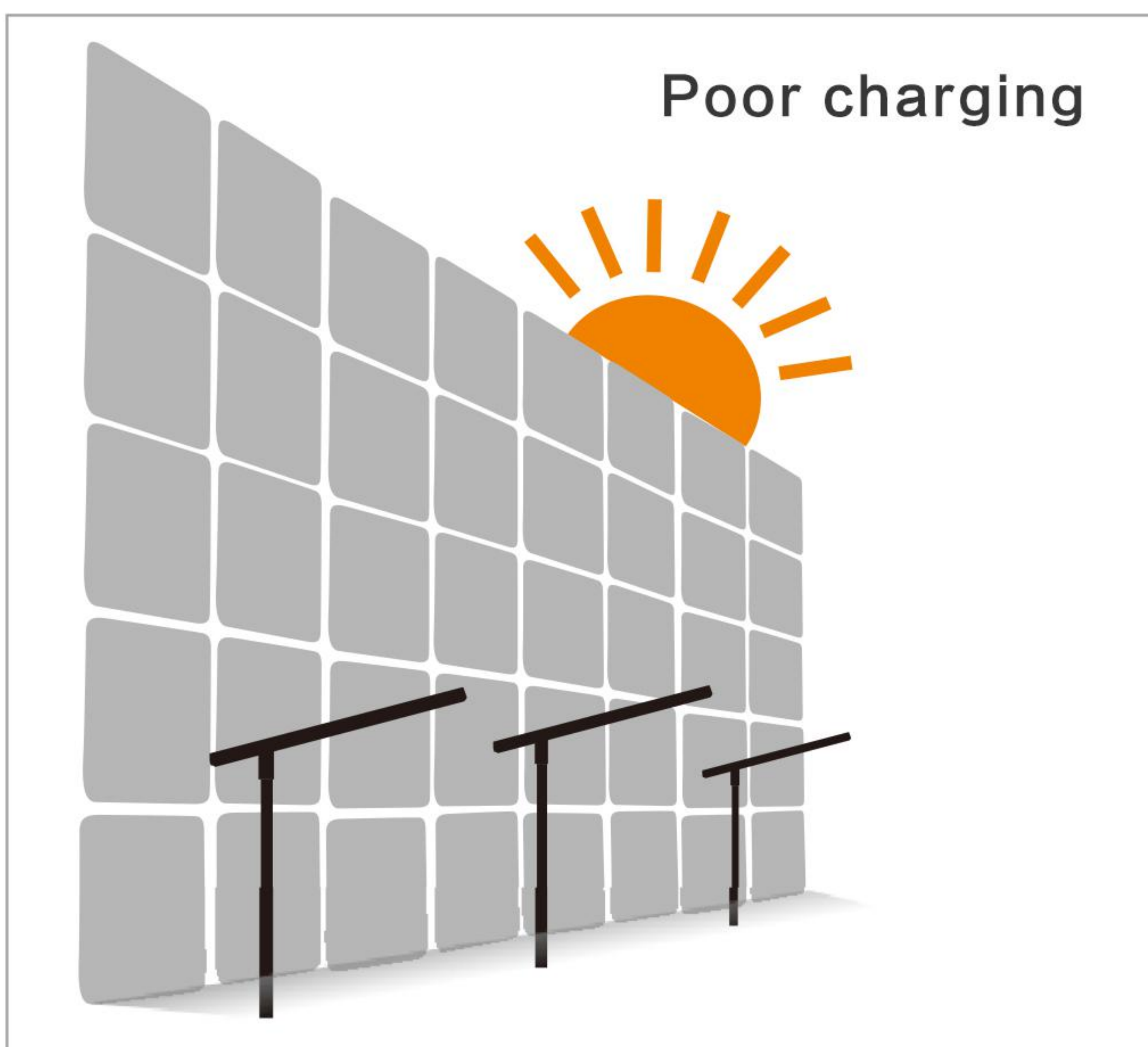
Road lighting simulation



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.