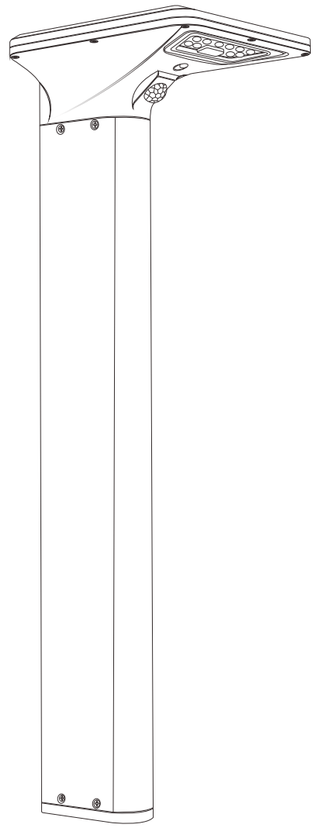


Solar Lawn Light



ZHONGSHAN ZHAOCAI LIGHTING CO, LTD. IS A PROFESSIONAL MANUFACTURER OF SOLAR LED LAMPS. OUR COMPANY MAINLY PRODUCE OUTDOOR ROAD LIGHTS, SOLAR ENERGYLAMP, LAMP, LANDSCAPE LAMP, SQUARE, WHARF, COURTYARD AND INDOOR INDUSTRIAL LIGHTING.

IP65 CE RoHS

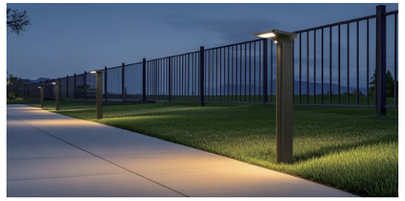


Solar Lawn Lamp

The lamp body is made of die-casting aluminum, which has high hardness, long service life, light texture and good corrosion resistance.

High-efficiency solar monocrystalline silicon panels with a power up to 5W;

Built-in LiFePO4, with 8000mAh, long life and safe.



Lighting Features



Thick die-cast aluminum

One-piece molding, high strength and rigidity



Crescent Principle Design

Inspired by crescent moon design



IP 65 waterproof level

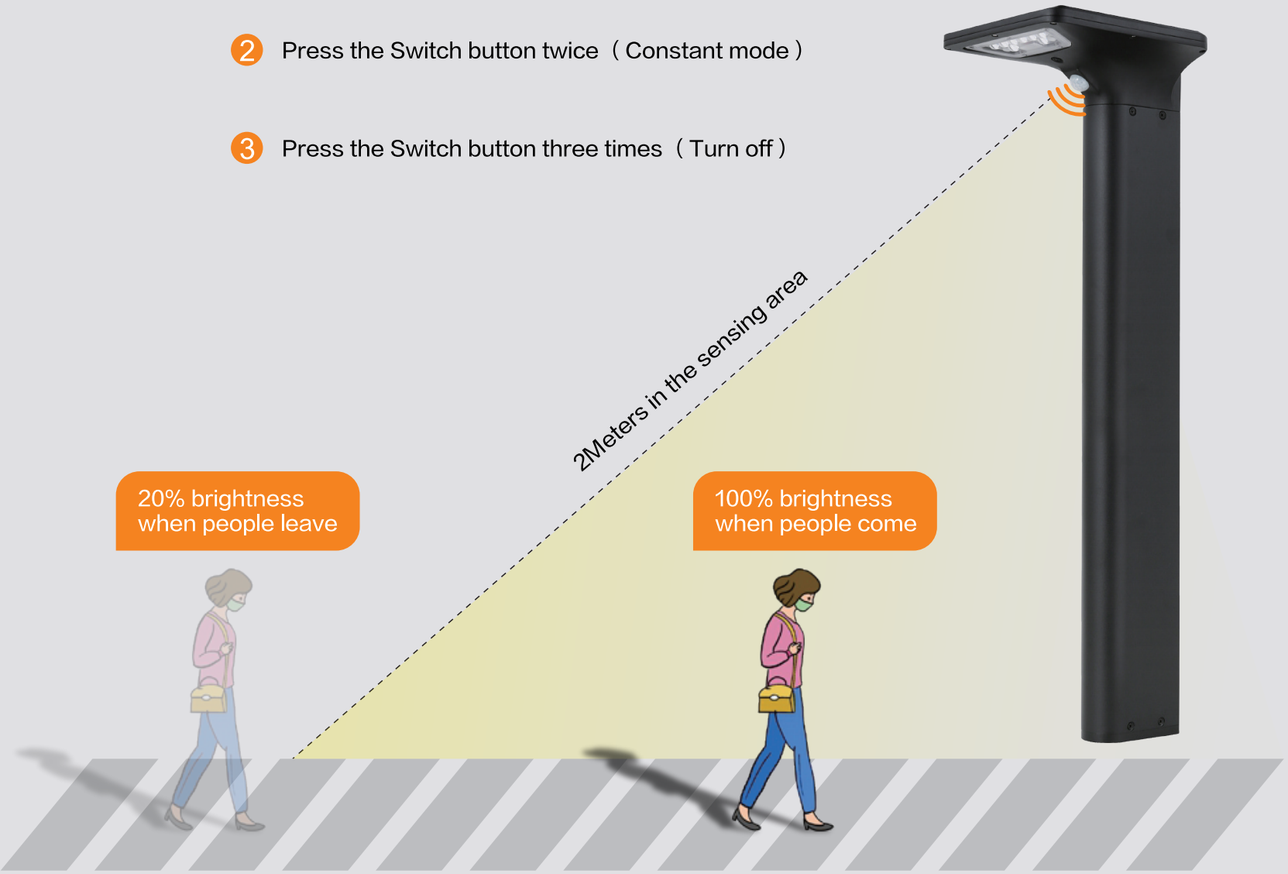
no fear of wind and rain, normal lighting in bright rainy days



Switch control mode

Switch button three speed mode

1. Press switch button once (PIR motion sensor)
2. Press the Switch button twice（Constant mode）
3. Press the Switch button three times（Turn off）



Color temperature effect



3000K / Warm light



6500K / White light

Lumen

3000K:

Lumen: 232lm　CRI (color rendering index): 78.48Ra

6500K:

Lumen: 269lm　CRI (color rendering index): 80.65Ra



TYPE:

This light type is mainly used in villa gardens, parking areas, park squares, community scenic spots, villa courtyards, and modern architectural lighting environments. 120−degree light, the lamp is suitable for installation height of 3~5 meters.

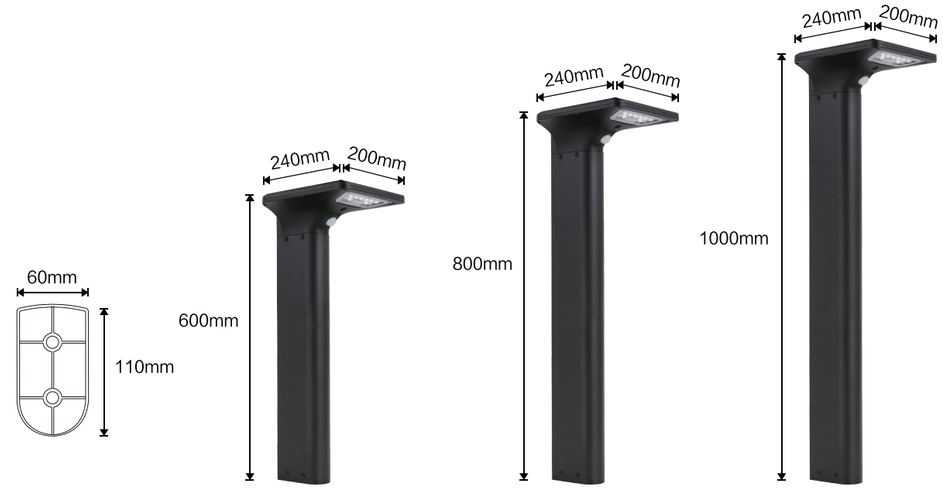
Parameter–Solar powered version

Item +	
Solar Lawn Lamp	CPD–3005
Specification +	
Monocrystalline solar panel（W）	5W / 5V
Battery （MAH）	3.2V / 8000mAh
Light source	3030LED
LED Chip quantity（pcs）	8pcs
Material	Die–casting aluminum + lens
Lamp color	Black（Other colors can be customized）
Lamp height	600mm / 800mm / 1000mm
Size（mm）	240mm x 200mm x H600/800/1000mm
Installation height	3m–5m

Parameter+	
Rated power（W）	5W
Input voltage（V）	DC 3.2V
Color temperature(K)	3000K – 6500K
Lumen（lm）	232lm (3000K)、269lm (6500K)
Color rendering index	CRI > 80
Working hours （Lighting sensor）	3~5 rainy days
waterproof level	IP 65
Beam angle	120°

Working environment+	
Operating temperature	–25℃~ 50℃
Working humidity	10%–90%

Lamp size diagram



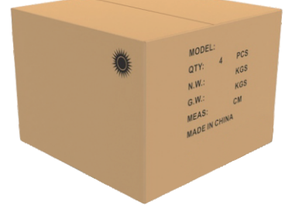
Packaging Information



lawn light



Inner box



Outer box

Version	Package	Quantity	Carton quantity	Carton size（mm）	Net weight kg	Gross weight kg
Solar lawn light 60cm	Inner box	1	1	/	/	/
	Outer box	4	1	510 x 510 x 680	/	10.25
Solar lawn light 80cm	Inner box	1	1	/	/	/
	Outer box	4	1	510 x 510 x 870	/	14.32
Solar lawn light 100cm	Inner box	1	1	/	/	/
	Outer box	4	1	510 x 510 x 1070	/	16.2

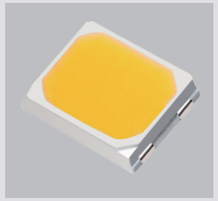
Gross and net weights are for reference only

Lamp details



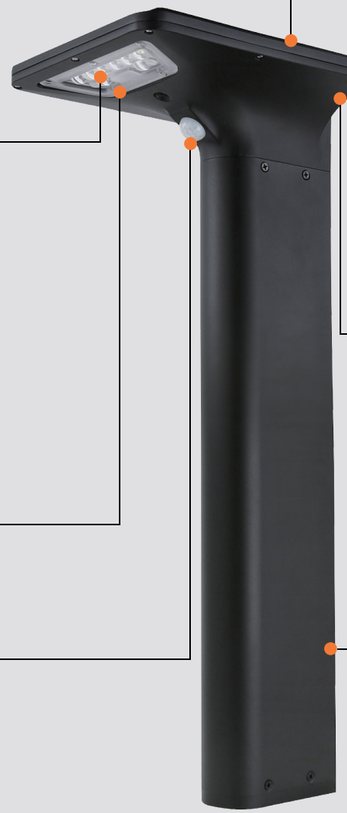
Monocrystalline solar panel

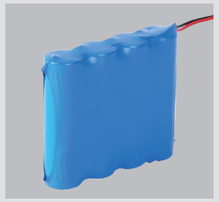
Efficient conversion of photovoltaic panels, which can quickly absorb energy and charge normally in rainy weather



High lumen 3030 chip

High-power LED chip, bright light, lifespan can reach 80,000-100,000 hours





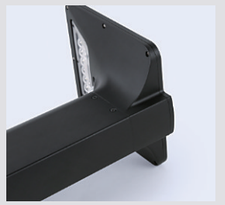
LiFePO4 battery

Built-in 8AH large-capacity battery, high safety performance, long lifespan, more than 2000 cha rge and discharge cycles, fast charging rate



PC transparent lens

The irradiation area is wide and the light transmittance is as high as 90%, which effectively improves the light efficiency and makes the light emitting more evenly.



Thickened die-casting aluminum housing

The all-aluminum lamp body is waterproof and durable for outdoor use. Remove the base plate and use expansion screws to fix the lamp.



Motion sensor

20% brightness when people leave，100% brightness when people come.
Push-button waterproof switch, three-gear mode adjustment.

Crescent moon/ lawn lamp

TYPE:
This type of lamp is mainly used in villa gardens, parks Residential attractions, factory parks, courtyards, and modern architectural lighting environments Brighter lig hts. 120 degree light The lamp is suitable for installation at a height of 3-5 meters.





Application



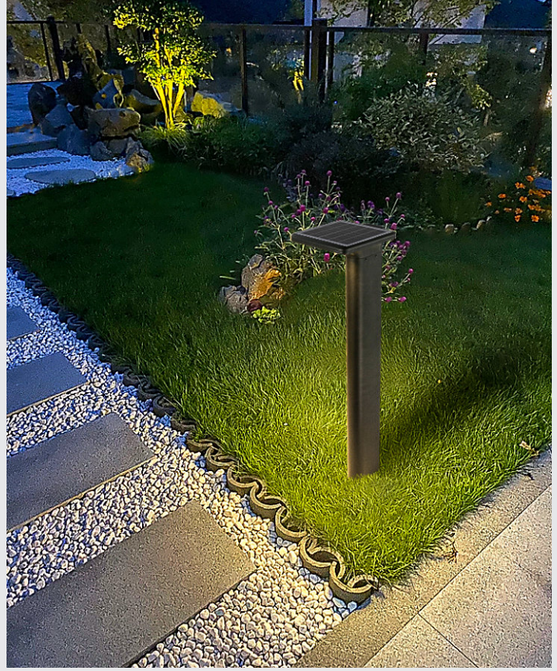
Application



Project case







Project case





