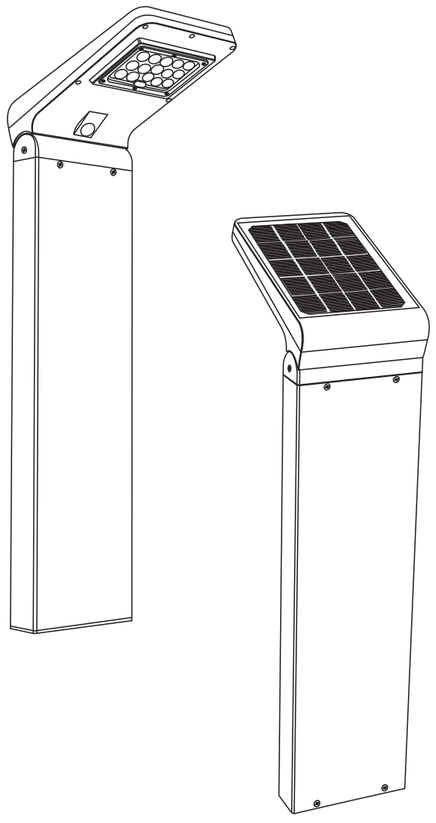


Solar Lawn Light



Original design, patent appearance

ZHONGSHAN ZHUOCAI 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.

Patent no. 2023 304831803

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



Flying bird principle design

inspired by flying bird design



IP 65 waterproof level

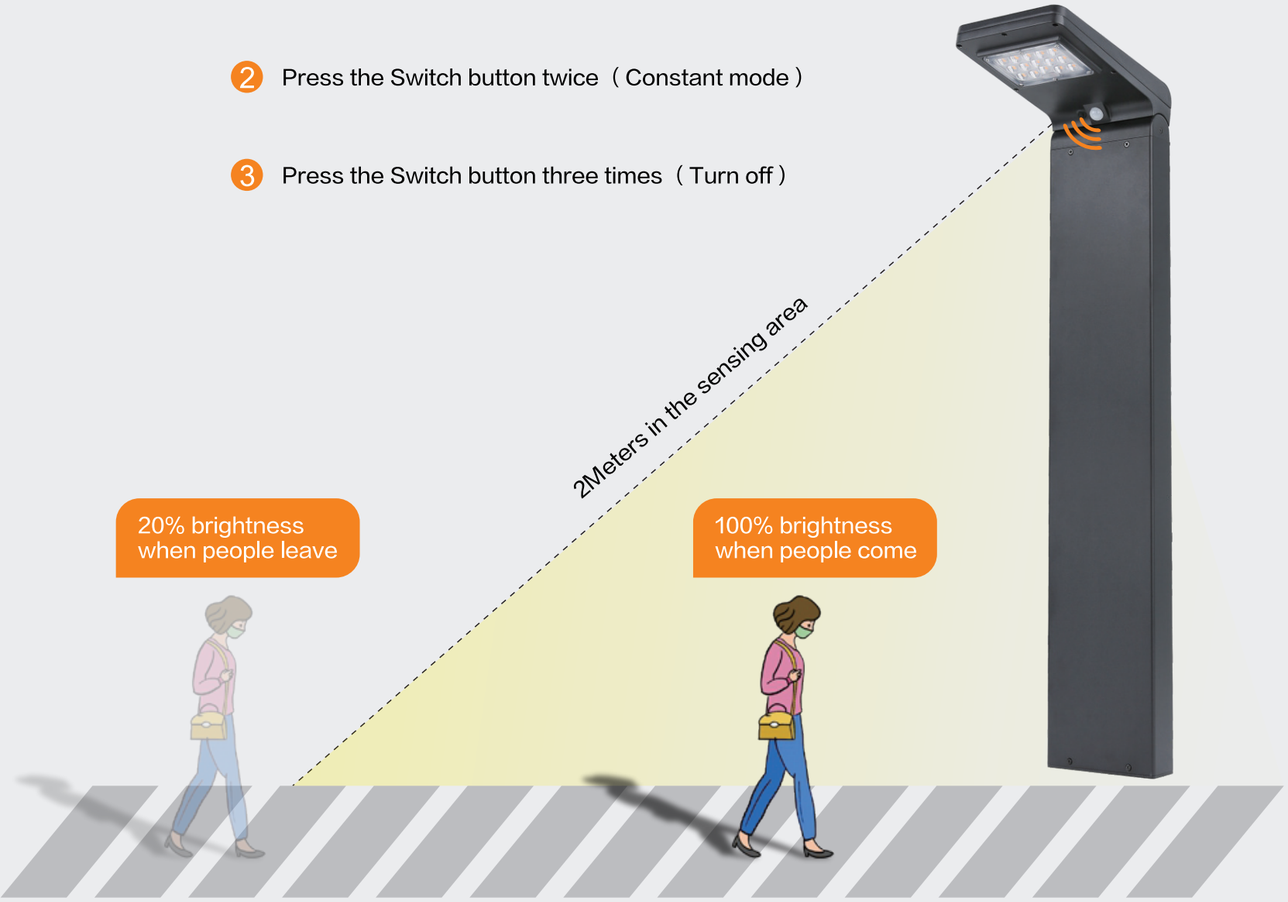
no fear of wind and rain, normal lighting in bright rainy days



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

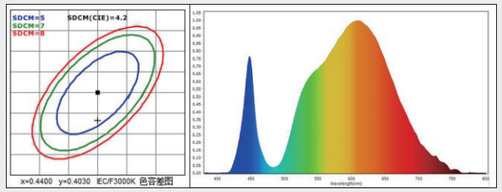


3000K / Warm light



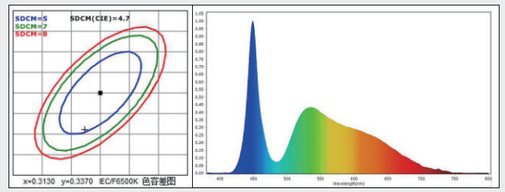
6500K / White light

Lumen



3000K:

Lumen: 278lm CRI (color rendering index): 78.24Ra



6500K:

Lumen: 304lm CRI (color rendering index): 78.32Ra



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–3008
Specification +	
Monocrystalline solar panel (W)	5W / 5V
Battery （MAH)	3.2V / 8000mAh
Light source	2835LED
LED Chip quantity (pcs)	30pcs
Material	Die–casting aluminum+PC
Lamp color	Black (Other colors can be customized)
Net weight (kg)	60cm(2.2kg) 80cm(3kg) 100cm(3.55kg)
Size (mm)	235mm x 150mm 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)	278lm (3000K)、304lm (6500K)
Color rendering index	CRI > 78
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



Wall lamp　　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	/	2.2	2.5
	Outer box	4	1	560 x 340 x 340	8.8	10.5
Solar lawn light 80cm	Inner box	1	1	/	3	3.3
	Outer box	4	1	760 x 340 x 340	12	14.1
Solar lawn light 100cm	Inner box	1	1	/	3.55	3.85
	Outer box	4	1	960 x 340 x 340	14.2	15.7

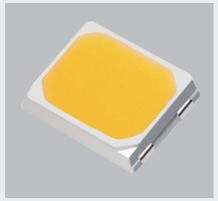
Gross and net weights are for reference only

Lamp details



Monocrystalline solar panel

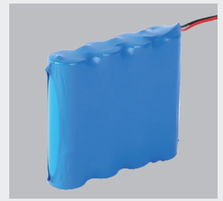
Efficient conversion of photovoltaic panels, which can quickly absorb energy and charge normally in rainy weather



High lumen 2835 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.

Flying birds/ lawn lamp

TYPE:
This light type is mainly used in villa gardens, park gar dens, residential area scenic spots, factory parks, villa courtyards, and modern architectural lighting environ ments that are more brightly lit. 120-degree light, the lamp is suitable for installation height of 3~5 meters.



