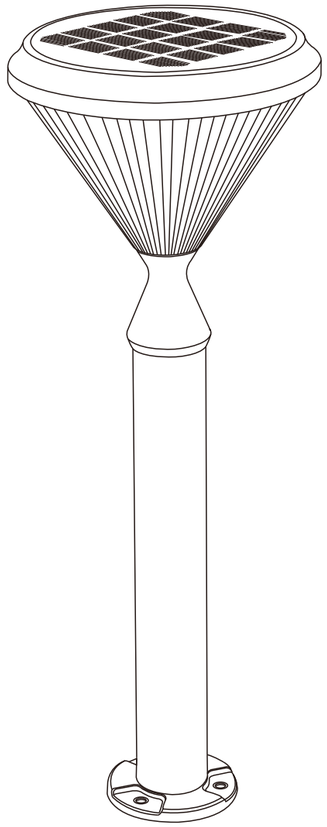


Solar Lawn Light



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.

IP65 CE RoHS



AC powered version

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

Power supply with voltage 220-240V.

Translucent lampshade design, to achieve unifor m light distribution, greatly improve the lighting effect.





Solar powered version

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 4.5W;

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

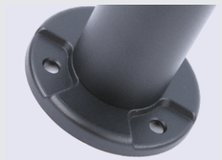


Lighting Features



Thick die-cast aluminum

One-piece molding, high strength and rigidity



Lamp principle design

Inspired by the appearance design of diamonds



IP 65 waterproof level

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



Color temperature effect



3000K / Warm light



6500K / White light

Lumen

3000K:

Lumen: 325lm CRI (color rendering index): 84.75Ra

6500K:

Lumen: 373lm CRI (color rendering index): 81.17Ra



TYPE:

This light type is mainly used in villa gardens, parking areas, park squares, community scenic spots, villa courtyards, and modern architectural lighting environments. 180-degree light, the lamp is suitable for installation height of 3~5 meters.

Parameter–Solar powered version

Item +	
Solar lawn light	CPD–5405
Specification +	
Monocrystalline solar panel (W)	4.5W / 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)	50cm (1.95kg) 75cm (2.42kg)
Size (mm)	ϕ 260mm x 120mm x H500/750mm
Installation height	3m–5m

Parameter+	
Rated power (W)	4.5W
Input voltage (V)	DC 3.2V
Color temperature(K)	3000K – 6500K
Lumen (lm)	325lm (3000K)、373lm (6500K)
Color rendering index	CRI > 80
Working hours （Lighting sensor)	3~5 rainy days
waterproof level	IP 65
Beam angle	180°

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

Lamp size diagram





Packaging Information







Solar lawn light　　Inner box　　Outer box

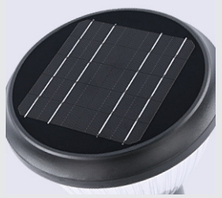
Version	Package	Quantity	Carton quantity	Carton size (mm)	Net weight kg	Gross weight kg
Solar lawn light 50cm	Inner box	1	1	270 x 270 x 310	1.95	2.25
	Outer box	4	1	570 x 570 x 350	7.8	10.6
Solar lawn light 75cm	Inner box	1	1	270 x 270 x 310	2.42	2.95
	Outer box	4	1	670 x 570 x 340	9.7	12.6

Gross and net weights are for reference only



High lumen 2835 chip

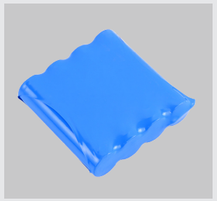
High-power LED chip, bright light, lifespan can reach 80,000-100,000 hours



Monocrystalline solar panel

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





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 translucent lens

Wide irradiated area, light transmittance up to 90%



Push-button waterproof switch

After turning on the switch, you need to wait 3 seconds for the lights to turn on automatically

(note: the solar lawn light will only turn on when it is dark)



Thick die-cast aluminum

The all-aluminum lamp body is waterproof and durable for outdoor use.Fixed by 3 expansion screws

Diamond/ lawn light

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. 180 degree light The lamp is suitable for installation at a height of 3-5 meters.





Application



Application



