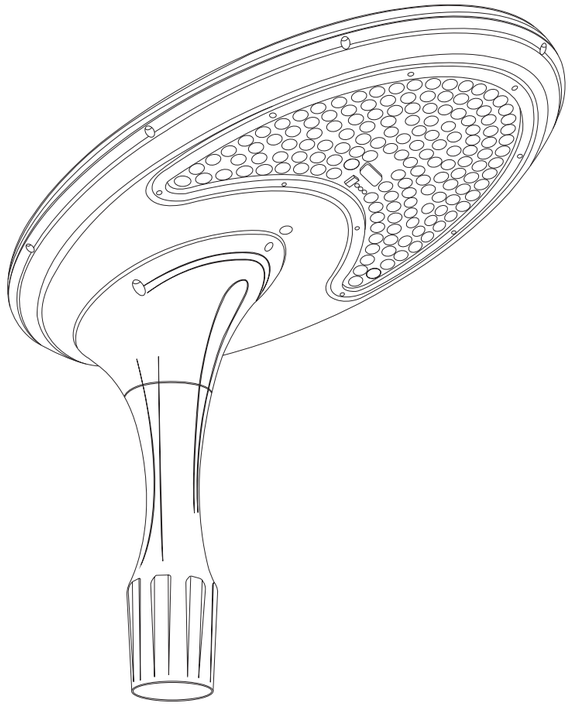


Solar Garden Light

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. 202230 5 280733

IP65

CE RoHS





AC Powered version

The lamp body is made of thickened die-cast aluminum, which has high strength, strong impact resistance and good corrosion resistance.

Power supply with voltage 220-240V

The side lighting effect design to achieve uniformdistrib ution of light and greatly improve the lighting effect.







Solar Powered version

The lamp body is made of thickened die-cast aluminum, which has high strength, strong impact resistance and good corrosion resistance.

High-efficiency monocrystalline solar panels, power up to 38W.

Built-in LiFePO4 battery, capacity 60000MAH, long lifespan and safe.



Color temperature data-AC powered version



6500K/White light



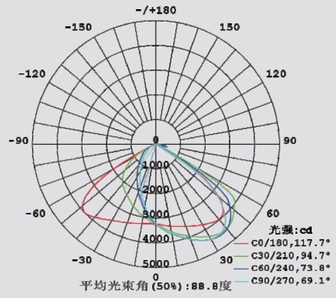
3000K/Warm white

Lumen

3000K:
Luminous flux:8759.39lm Color rendering index:79.99Ra

6500K:
Luminous flux:9148.2lm Color rendering index:78.44Ra

Light distribution curve





TYPE:

The 220V voltage is mainly used in environments without sunlight, such as being shaded by trees, houses, etc., and buildings that bl ock sunlight, resulting in short charging time and unable to achiev e normal battery life and lighting time.

Color temperature data-Solar powered version



6500K/White light



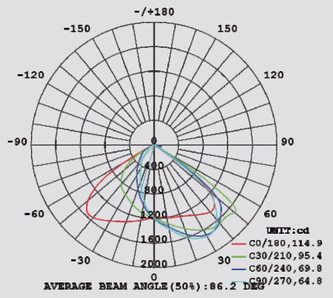
3000K/Warm white

Lumen

3000K:
Luminous flux:3019.28lm Color rendering index:79.99Ra

6500K:
Luminous flux:3288.5lm Color rendering index:78.44Ra

Light distribution curve





TYPE:

This light type is mainly used in villa gardens, parking areas, park squares, community scenic spots, villa courtyards, and modern architectural lighting environments. The side lighting effect design, the lamp is suitable for insta llation height of 3~6 meters.

Parameter–AC powered version

Item +	
AC Garden light	TYD–2808
Specification +	
Light source	3030 SMD LED chip
LED Chip quantity (pcs)	150pcs
Material	Die–casting aluminum+PC lens
Lamp color	Black (Other colors can be customized)
Net weight (kg)	6.47kg
Product size(mm)	ϕ 700mm x ϕ520mm x H655mm
Installation diameter (mm)	ϕ76mm
Installation height	3m–6m

Parameter+	
Rated power (W)	80W
Input voltage (V)	AC220–240V
Color temperature	3000K – 6500K
Lumen (lm)	8759.39lm(3000K)、9148.2lm(6500K)
Color rendering index	CRI > 80
Beam angle	90v°
Rated frequency	50Hz
waterproof level	IP65

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

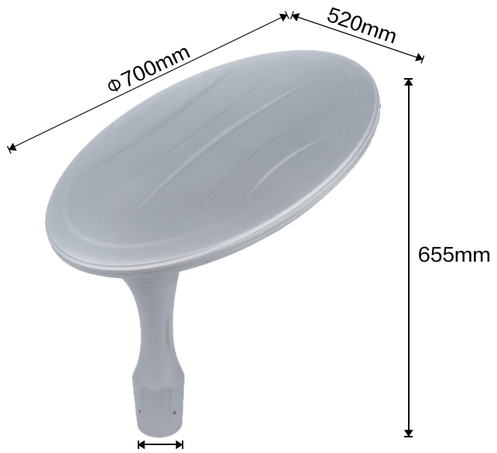
Parameter–Solar powered version

Item+	
Solar garden light	TYD–2808
Specification+	
Monocrystalline solar panel (W)	38W / 5V
Battery （MAH)	3.2V / 60000mAh
Light source	5054 SMD LED chip
LED Chip quantity (pcs)	150pcs
Material	Die–casting aluminum+PC lens
Lamp color	Black (Other colors can be customized)
Net weight (kg)	8.48kg
Size (mm)	ϕ 700mm x ϕ520mm x H655mm
Installation diameter (mm)	ϕ76mm
Installation height	3m–6m

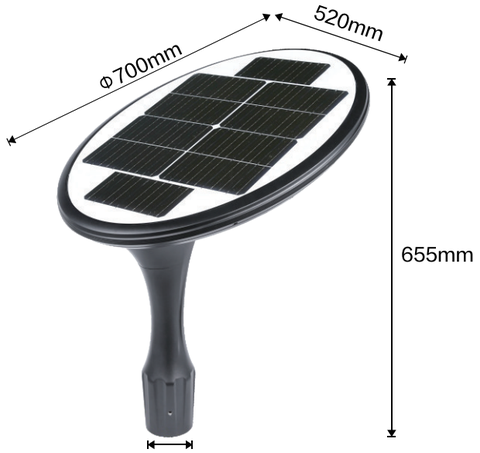
Parameter+	
Rated power (W)	38W
Input voltage (V)	DC 3.2V
Color temperature(K)	3000K – 6500K
Lumen (lm)	3125(3000K)、3288.5lm(6500K)
Color rendering index	CRI > 80
Working hours （Lighting sensor)	12hours （3~5 rainy days)
Waterproof level	IP65
Beam angle	90°

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

Lamp size diagram



Inner diameter Φ76mm



Inner diameter Φ76mm

Packaging Information







LED garden light*1

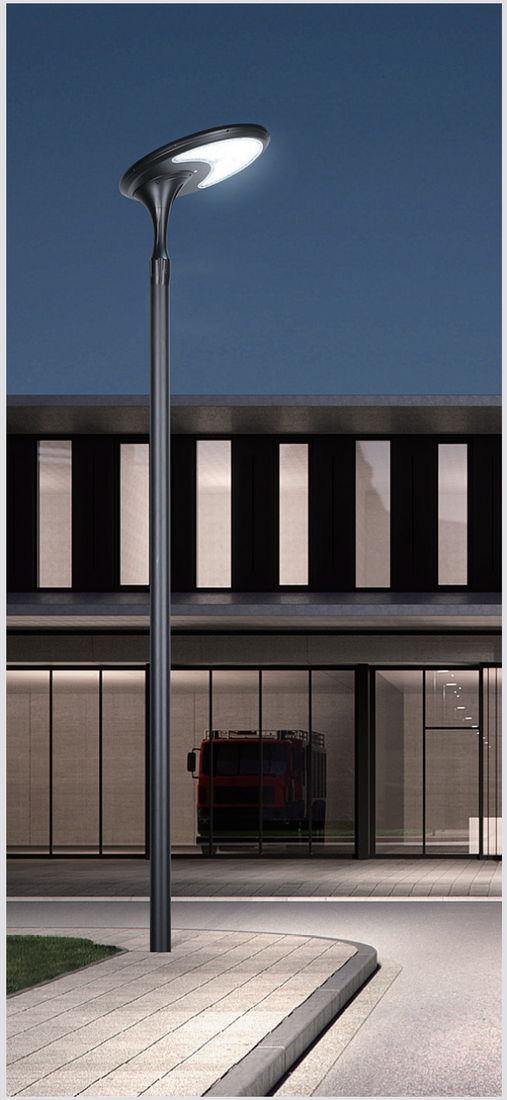
Inner foam

Outer box

Version	Package	Quantity	Carton quantity	Carton size (mm)	Net weight kg	Gross weight kg
Solar powered	Inner box	1	1	910 x 570 x 270	8.48	10.1
	Middle cylinder	2	1	1020 x 570 x 260	16.96	19.58
AC powered	Inner box	1	1	910 x 570 x 270	6.47	8.1
	Middle cylinder	2	1	1020 x 570 x 260	12.94	15.57

Gross and net weights are for reference only

Lighting Features



Thick die-cast aluminum

One-piece molding, high strength and rigidity



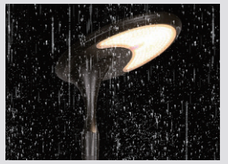
Design principle

Inspired by the design of the Luminous Cup

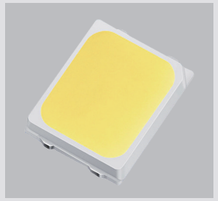


IP65 waterproof level

No fear of wind and rain, normal lights on rainy days



lamp details



High lumen 5054 chip

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



PC optical lens

Wide irradiated area, light transmittance up to 90%



Push-button waterproof switch

After turning on the switch, you need to wait for 10s

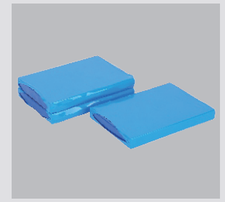
(Solar lights need to be turned on in the dark)





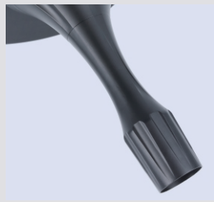
Monocrystalline solar panel

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



LiFePO4 battery

Built-in 60AH large-capacity battery, high safety pe rformance, long lifespan, more than 2000 charge an d discharge cycles, fast charging rate



Thick die-cast aluminum

All-aluminum lamp body,waterproof and durable
Put it into the light pole and fix it with 4 hexagonal screws, the inner diameter is 76mm

Moonlight Cup/ Courtyard Lighting

TYPE: This light type is mainly used in villa gardens, parking areas, park squares, community scenic spots, villa co urtyards, and modern architectural lighting environme nts. The side lighting effect design, the lamp is suitabl e for installation height of 3~6 meters.



