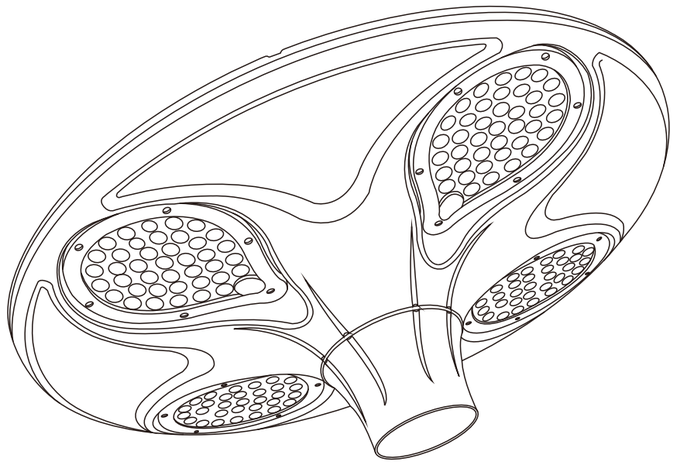


Solar Garden Light



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 FLOODLAMP, LAMPS, LANDSCAPE LAMP, SQUARE, WHARF, COURTYARD AND INDOOR INDUSTRIAL LIGHTING.

Patent no. 2021 3 0845816.5

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 light source uses 4 modules LEDs to achieve unifor m distribution 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 36W.

Built-in LiFePO4 battery, capacity 45000MAH, long lifespan and safe.



Color temperature data-AC powered version



6500K/White light



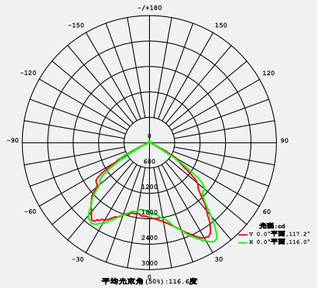
3000K/Warm white

Lumen

3000K:
Luminous flux:6318lm Color rendering index:76.42Ra

6500K:
Luminous flux:6428lm Color rendering index:78.21Ra

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



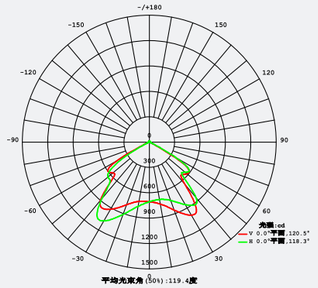
3000K/Warm white

Lumen

3000K:
Luminous flux:2658lm Color rendering index:76.42Ra

6500K:
Luminous flux:2777lm Color rendering index:78.21Ra

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. 180-degree light, the lamp is suitable for installation height of 3~5 meters.

Parameter–AC powered version

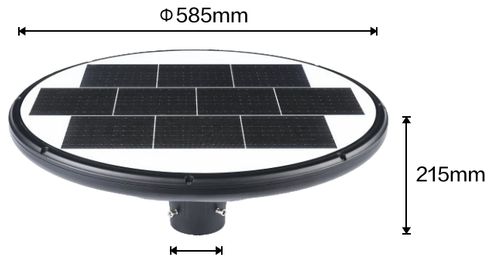
Item +	
AC Garden light	TYD–2806
Specification +	
Light source	3030 SMD LED chip
LED Chip quantity (pcs)	160pcs
Material	Die–casting aluminum+PC lens
Lamp color	Black (Other colors can be customized)
Net weight (kg)	5.35kg
Product size(mm)	ϕ 585mm x ϕ 78mm x H215mm
Installation diameter (mm)	ϕ 76mm
Installation height	3m–5m
Parameter+	
Rated power (W)	50W
Input voltage (V)	AC220–240V
Color temperature	3000K – 6500K
Lumen (lm)	6318lm(3000K)、6428lm(6500K)
Color rendering index	CRI > 78
Beam angle	180°
Rated frequency	50Hz
waterproof level	IP65
Working environment+	
Operating temperature	–25℃~ 50℃
Working humidity	10%–90%

Parameter–Solar powered version

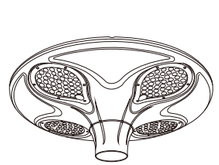
Item+	
Solar garden light	TYD–2806
Specification+	
Monocrystalline solar panel (W)	36W / 5V
Battery （MAH)	3.2V / 45000mAh
Light source	5054 SMD LED chip
LED Chip quantity (pcs)	160pcs
Material	Die–casting aluminum+PC lens
Lamp color	Black (Other colors can be customized)
Net weight (kg)	7.69kg
Size (mm)	ϕ 585mm x ϕ 78mm x H215mm
Installation diameter (mm)	ϕ 76mm
Installation height	3m–5m
Parameter+	
Rated power (W)	36W
Input voltage (V)	DC 3.2V
Color temperature(K)	3000K – 6500K
Lumen (lm)	2658lm(3000K)、2777lm(6500K)
Color rendering index	CRI > 78
Working hours （Lighting sensor)	12hours （3~5 rainy days)
Waterproof level	IP65
Beam angle	180°
Working environment+	
Operating temperature	–25℃~ 50℃
Working humidity	10%–90%

Lamp size diagram





Packaging Information



LED garden light



Inner foam

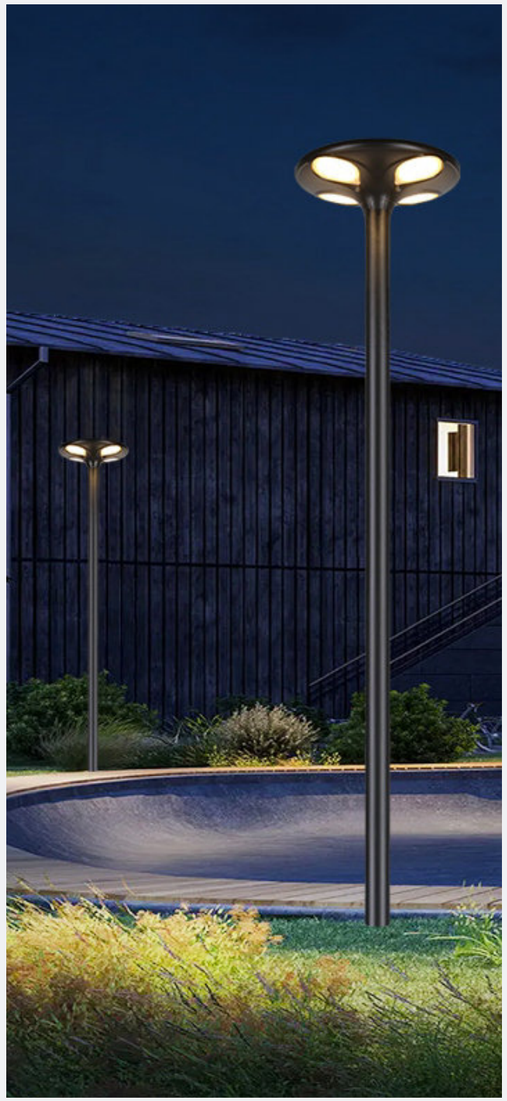


Outer box

Version	Package	Quantity	Carton quantity	Carton size (mm)	Net weight kg	Gross weight kg
Solar powered	Inner box	/	/	/	/	/
	Middle cylinder	1	1	595 x 595 x 240	7.69	8.86
AC powered	Inner box	/	/	/	/	/
	Middle cylinder	1	1	595 x 595 x 240	5.35	6.53

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 violet flowers

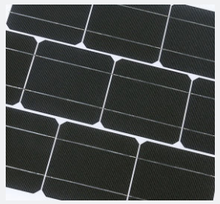


IP65 waterproof level

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



lamp details



Monocrystalline solar panel

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



LiFePO4 battery

Built-in 45AH large-capacity battery, high safety pe rformance, long lifespan, more than 2000 charge an d discharge cycles, fast charging rate





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)



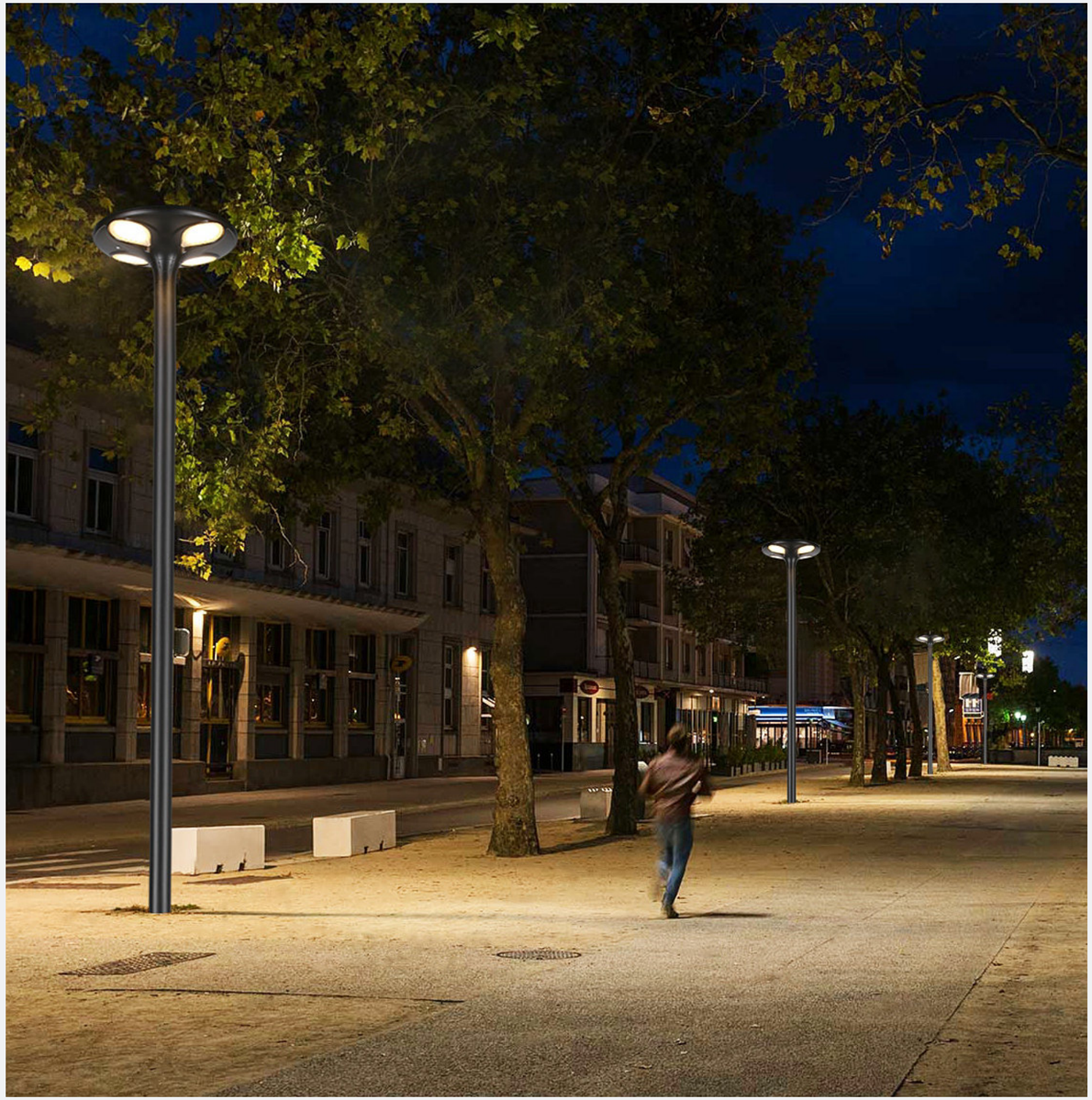
Thick die-cast aluminum

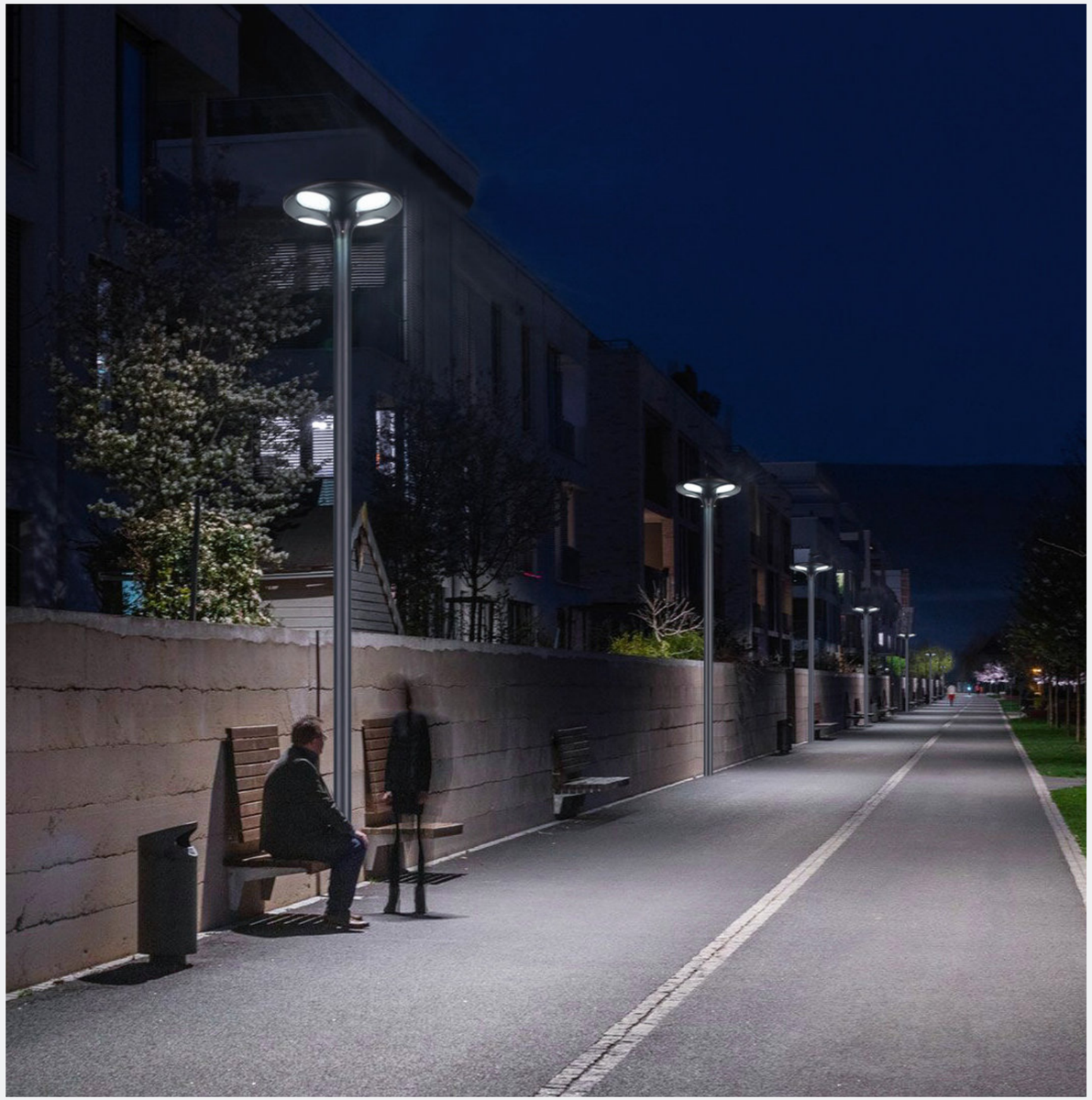
All-aluminum lamp body,waterproof and durable
Put it into the light pole and fix it with 4 hexagonal screws, the inner diameter is 76mm

Violet/
Courtyard Lighting

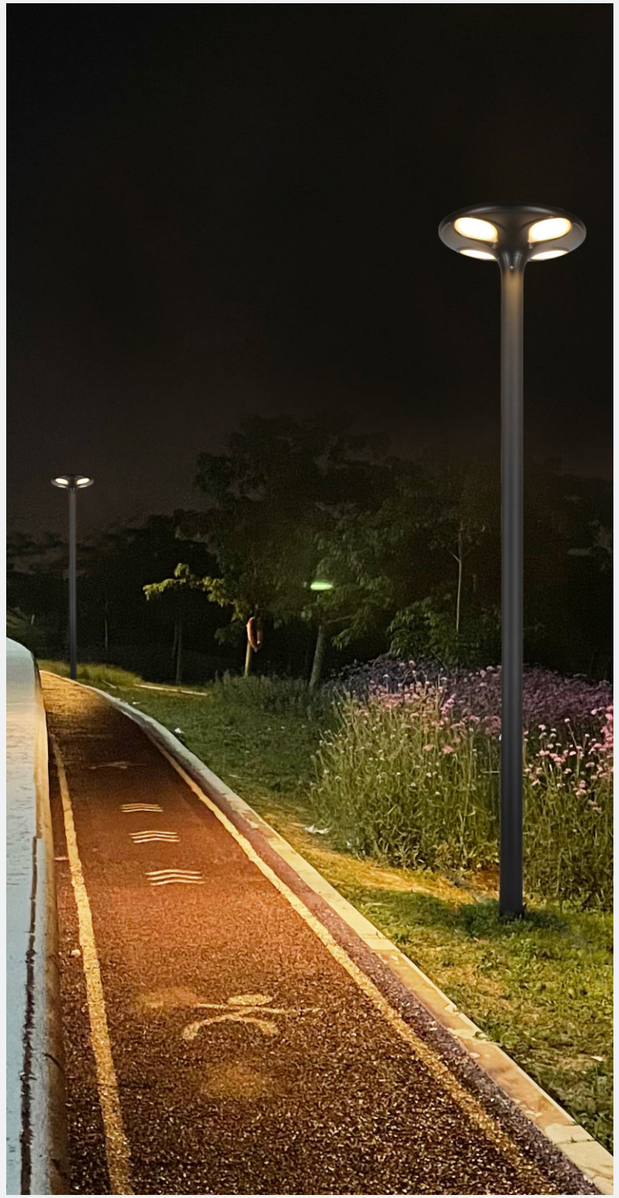
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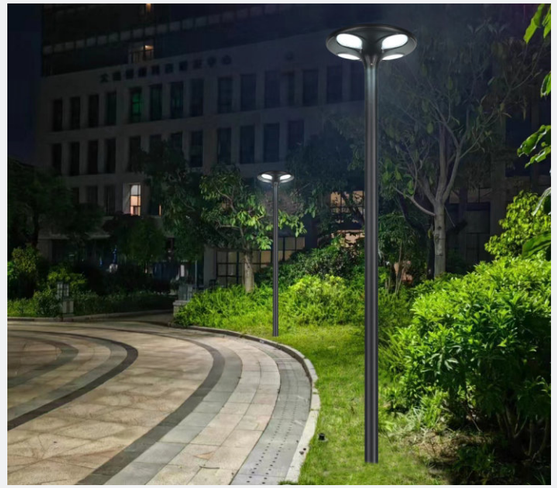




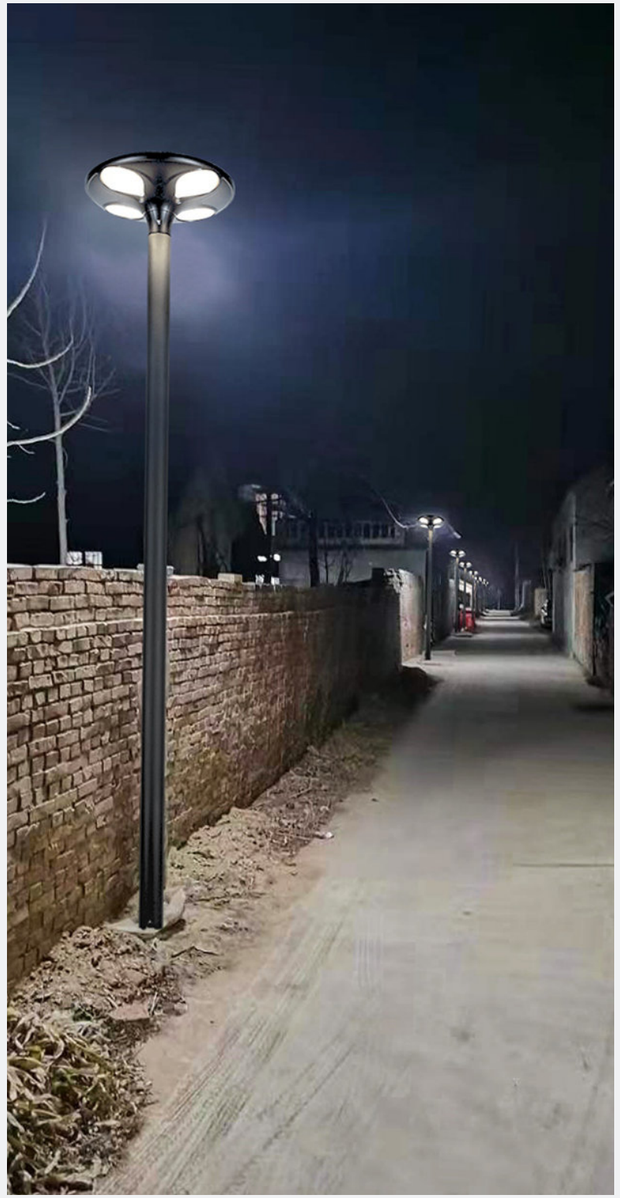













5
进口
ENTRANCE

