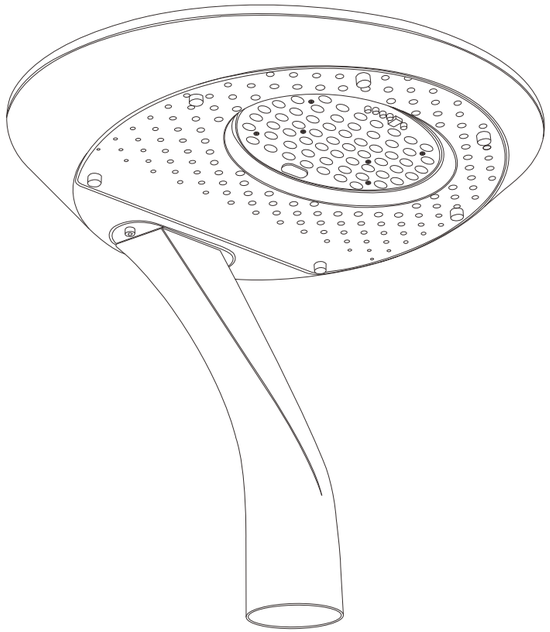


Solar Garden Light



Original design, patent appearance

WE ARE A PROFESSIONAL MANUFACTURER OF LED GAMDEN LIGHT,
OUR COMPANY MAINLY PRODUCE OUTDOOR SOLAR GARDEN LIGHT,
SUCH AS SOLAR WALL LIGHT, SOLAR PILLAR LIGHT,
SOLAR LANDSCAPE LIGHT AND BIG POWER SOLAR FLOOD LIGHT.

IP65 RoHS





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 48000MAH, long lifespan and safe.



Color temperature data-Solar powered version



6500K/White light



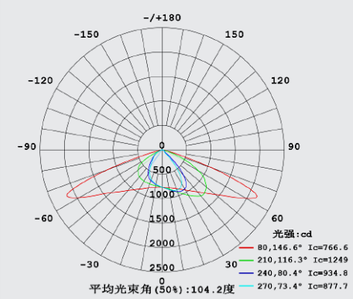
3000K/Warm white

Lumen

3000K:
Luminous flux:2574.23lm Color rendering index:81.24Ra

6500K:
Luminous flux:2836.6lm Color rendering index:80.69Ra

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

Parameter–Solar powered version

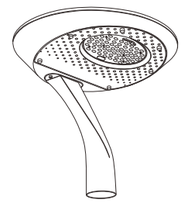
Item+	
Solar garden light	TYD–4206
Specification+	
Monocrystalline solar panel (W)	5V / 36W
Battery （MAH)	3.2V / 48000mAh
Light source	5054 chip
LED Chip quantity (pcs)	60pcs
Material	Die–cast aluminum + Tempered glass
Lamp color	Black (Other colors can be customized)
Net weight (kg)	8.5kg
Size (mm)	550mm x H 510mm
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)	2574.23lm (3000K) 2836.6lm (6500K)
Color rendering index	CRI > 80
Working hours （Lighting sensor)	12hours （3~5 rainy days)
Waterproof level	IP65
Beam angle	120°
Working environment+	
Operating temperature	–25℃~ 50℃
Working humidity	10%–90%

Lamp size diagram





Packaging Information



Solar garden light*1



Outer box

Version	Package	Quantity	Carton quantity	Carton size (mm)	Net weight kg	Gross weight kg
Solar powered	Inner box	/	/	/	/	/
	Outer box	1	1	600 x 165 x 740	8.5	10

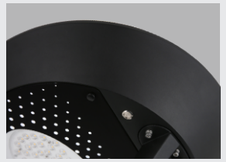
Gross and net weights are for reference only

Lighting Features



Thick die-cast aluminum

One-piece molding, high strength and rigidity



Design principle

Design concept derived from the picture below



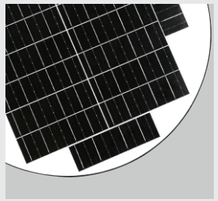
IP 65 waterproof level

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



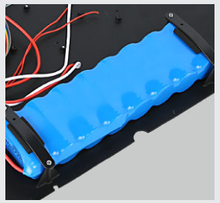


lamp details



Monocrystalline solar panel

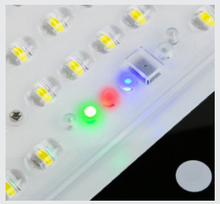
Efficient conversion of photovoltaic panels, which can quickly absorb energy and charge normally in rainy weather



LiFePO4 battery

Built-in 48AH large-capacity battery, high safety performance long lifespan, more than 2000 charge and discharge cycles, fast charging rate





Indicator light

Red indicator (steady light): Controller is powered on and operating normally.

Bule indicator (steady light): The controller is running inreal-time mode.

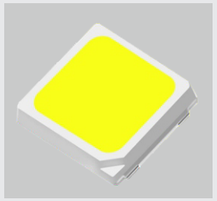
Green indicator (steady light):Solar input has voltage, but below charging startup threshold.
Fast Blinking (0.25s on / 0.25s off): Battery fully charged, overcharge protection activated.



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)



High lumen 5054 chip

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



Thick die-cast aluminum

All-aluminum lamp body,waterproof and durable
Put it into the light pole and fix it with 6 hexagonal screws, the inner diameter is 76mm



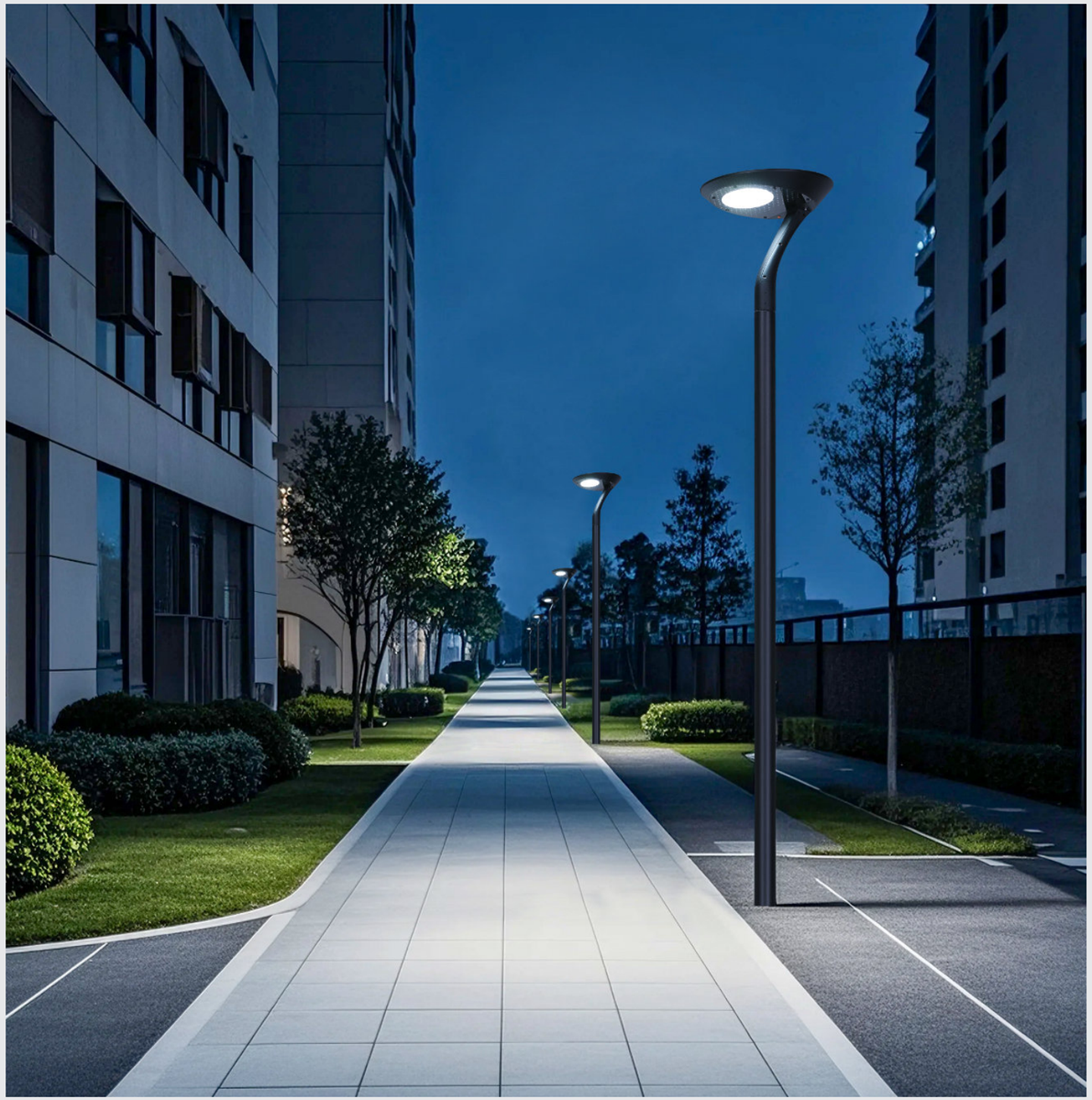
PC optical lens

Wide irradiated area, light transmittance up to 90%
Tempered glass mask is more beautiful

Solar garden light

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Application



Application













