



广东帅达照明有限公司

SDC(GD)Limited

Add: No. 69, Yihuiyi Road, San Sha Street, Henglan Town, Zhongshan City

<http://www.illumian.com>



广东帅达照明有限公司



LED SOLAR LIGHT  
2023



SOLAR STREET LIGHT

SH-SOLAR STREET LIGHT  
REAL HIGH POWER



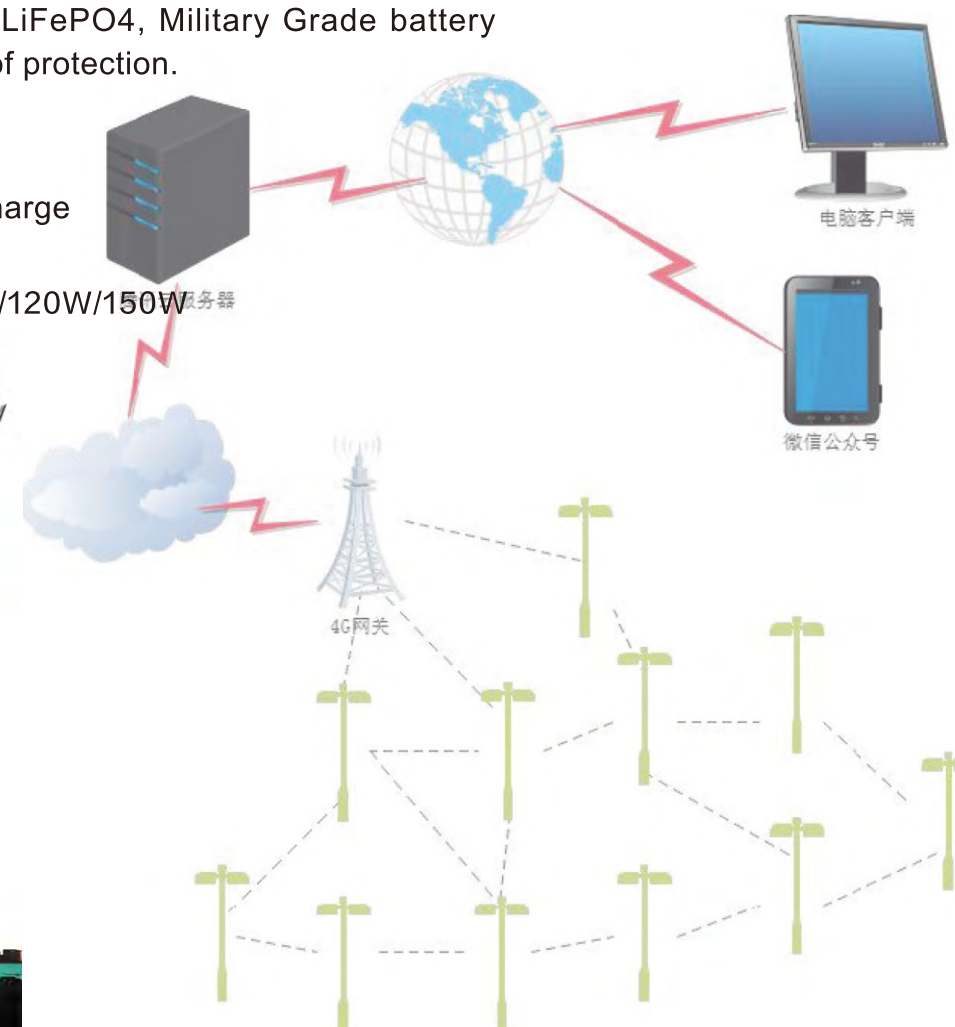
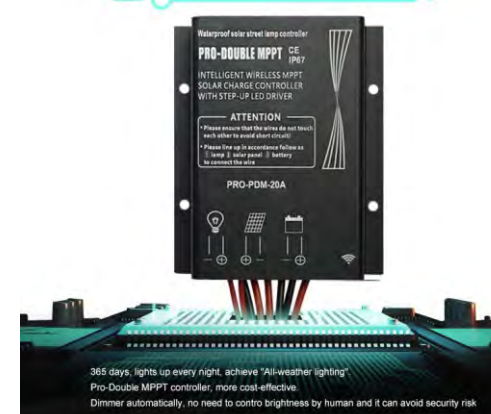
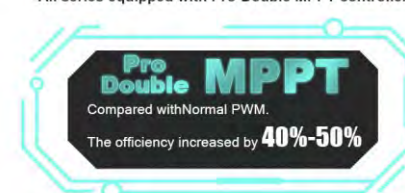
Features:

- Main body is made of Die-casting aluminum alloy
- Solar panel: Monocrystalline silicon
- PHILIPS 5050 led chip and LiFePO4, Military Grade battery
- IP66 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours
- Work time: three night by full charge
- Warranty is 5 years.
- REAL WATT: 60W/80W/100W/120W/150W

Pro-Double MPPT

The most advanced technology

-All series equipped with Pro-Double MPPT controller-



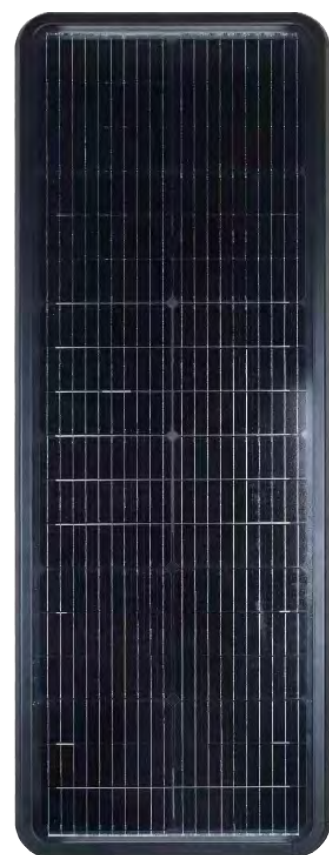
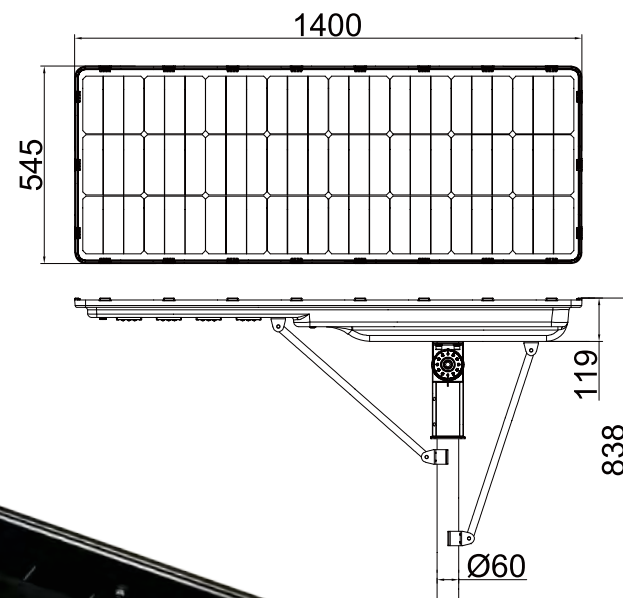
Parámetro para todos los modelos:

Modelo	SDC-SLH-60W	SDC-SLH-80W	SDC-SLH-100W	SDC-SLH-120W	SDC-SLH-150W
Modelo	60W	80W	100W	120W	150W
Capacidad de la Batería	12.8V 42AH	12.8V 54AH	12.8V 60AH	12.8V 66AH	12.8V 72AH
Panel Solar	18V 80W	18V100W	18V130W	18V170W	18V170W
Altura de instalación	7m-9m	8m-10m	9m-12m	10m-12m	11m-13m
Tamaño de la farola	665*280*100mm	755*280*100mm	845*280*100mm	845*280*100mm	845*280*100mm
Grado IP	IP66				
Modo de encendido	3 horas 100% brillo+2 horas 80% de brillo+ 7 horas 25% de brillo (personalización disponible)				



SOLAR STREET LIGHT

# SDC-D- 404



Switch



Sensor

SOLAR STREET LIGHT

## Application:



## Features:


- Main body is made of Die-casting aluminum alloy
- Solar panel: Monocrystalline silicon-145W/36V
- Bridgelux 5050 led chip and LiFePO4, Military Grade battery 36Ah/25.6V for 105W; 50Ah/25.6V for 120W
- 3000K /4000K/5700K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black
- IP66 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours
- Work time: three night by full charge
- Warranty is 5 years.

## Specification:


Model No	Parameters						
	Power	Real Watt	Real LM	Solar panel	Battery	Solar Charging time	Working Time
SDC-D-401	25W	18-20W	2800-3000LM	Monocrystalline Silicon - 50W	Lithium battery 12.8V/18AH	7Hrs	Over 3 days
SDC-D-402	40W	28-30W	4200-4500LM	Monocrystalline Silicon - 60W	Lithium battery 12.8V /24AH	7Hrs	Over 3 days
SDC-D-403	60W	42-45W	6300-6500LM	Monocrystalline Silicon - 80W	Lithium battery 12.8V/36AH	7Hrs	Over 3 days
SDC-D-404	80W	55-60W	8200-8500LM	Monocrystalline Silicon - 100W	Lithium battery 12.8V/46AH	7Hrs	Over 3 days



# LED solar light









when the light is less than 10 lux,  
open automatically and the battery  
will start working





when people or vehicle pass by,the sensor will detect the  
motion and light will lighten up to 100% efficiency. the  
brightness of the light will be reduced gradually to 20%  
after the people and vehicle pass way

**30-50m induction range**



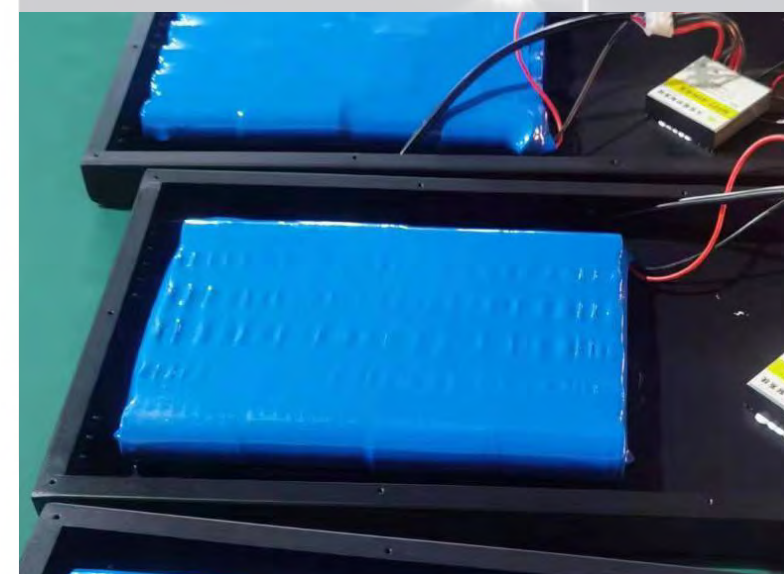






IP65

## Parameter

Model	SDC-SD-401	SDC-SD-402	SDC-SD-403	SDC-SD-404	SDC-SD-405
Power	40W	50W	60W	70W	100W
REAL WATT	15-20W	25-30W	30-35W	40-45W	60-65W
Real LM	3000-3500LM	4800-520LM	5800-6200LM	7500-8000LM	11000-12000LM
Solar panel	Monocrystalline Silicon-18V/40W	Monocrystalline Silicon-18V/50W	Monocrystalline Silicon-18V/60W	Monocrystalline Silicon-18V/70W	Monocrystalline Silicon-18V/100W
Solar Panel Size(MM)	621*334mm	764*334mm	998*334mm	1176*334mm	1460*398mm
Battery	Lithium battery 12.8V/24AH	Lithium battery 12.8V/30AH	Lithium battery 12.8V/36AH	Lithium battery 12.8V/42AH	Lithium battery 12.8V/48AH
Solar Charging time	7Hrs	7Hrs	7Hrs	7Hrs	7Hrs
Working Time	Over 3 days	Over 3 days	Over 3 days	Over 3 days	Over 3 days
Install height	3-5M	4-7M	5-8M	6-9M	9-12M



### high capacity lithium battery

excellent charging and discharging performance, stable performance



safety and stability

lighting duration: 100% lighting

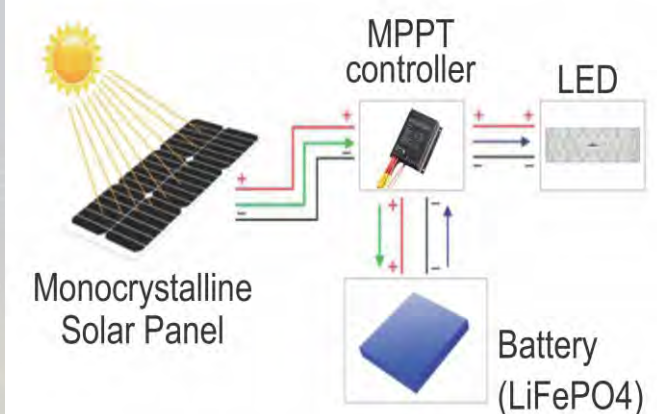


### Monocrystalline solar panel

the stability is strong, the photoelectric conversion rate is better than polysilicon



## WORKING WAY

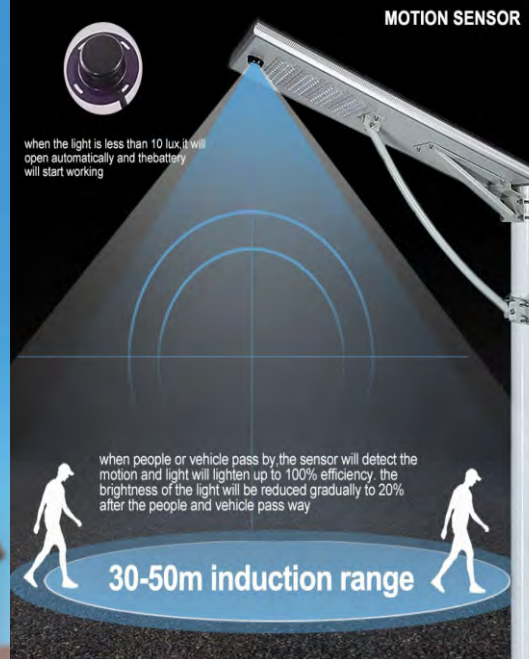


Where there is light radiation, photovoltaic modules are converted to electric energy by solar radiation, and intelligent controller is used to charge electric energy into Lithium Iron Phosphate(LiFePO4) battery. At the same time, the intelligent controller protects the overcharge and over discharge of the battery. The lighting switch and adjust lighting intelligent control, without manual operation.



# LED solar light

## SOLAR LED STREET LIGHT ALL IN ONE



## 3030 HIGH EFFICENCY LED CHIP

high luminous efficiency, low energy consumption, low heat, life span of 50,000 hours

## SOLAR CONTROL

Switch off the light charging mode during the day, and turn on the light mode automatically at night to free your hands



SD-204 20W



SD-204 40W



SD-204 60W



SD-204 80W

## Parameter

Model	SDC-D-201	SDC-D-202	SDC-D-203	SDC-D-204	SDC-D-205	SDC-D-206	SDC-D-207
Power	12W	18W	25W	40W	60W	80W	120W
Real Watt	9-10W	14-15W	18-20W	28-30W	42-45W	55-60w	75-80w
Real LM	1350-1500LM	2000-2200LM	2800-3000LM	4200-4500LM	6300-6500LM	8200-8500LM	11000-12000LM
Product size (mm)	438*300*43	688*300*43	828*300*43	1078*359*43	1078*426*43	1306*426*43	1520*526*47
Solar panel	Monocrystalline Silicon-20W	Monocrystalline Silicon-30W	Monocrystalline Silicon-50W	Monocrystalline Silicon-60W	Monocrystalline Silicon-80W	Monocrystalline Silicon-100W	Monocrystalline Silicon-150W
Solar Panel Size(MM)	430*272	680*272	820*272	1070*272	1070*398	1298*398	1298*398
Battery	Lithium battery 6AH	Lithium battery 16AH	Lithium battery 22AH	Lithium battery 30AH	Lithium battery 40AH	Lithium battery 50AH	Lithium battery 72AH
Solar Charging time	7Hrs	7Hrs	7Hrs	7Hrs	7Hrs	7Hrs	7Hrs
Working Time	Over 3 days	Over 3 days	Over 3 days	Over 3 days	Over 3 days	Over 3 days	Over 3 days

## Image

## high capacity lithium battery

excellent charging and discharging performance, stable performance



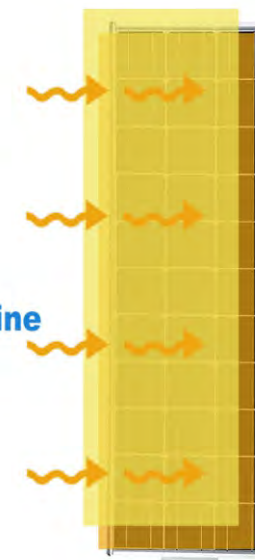
safety and stability

lighting duration: 100% lighting



## Monocrystalline solar panel

the stability is strong, the photoelectric conversion rate is better than polysilicon



## APPLICATION

It is widely used in the lighting project of branch roads, streets, factory roads, parks, villages, mountains and remote areas, courtyards, schools, squares, etc.





# LED solar light

## Integrated / inductive solar street light

No power off in rainy days

Intelligent light-free wiring throughout the year 0 electricity



## Parameter

Model	SDC-SLL-01	SDC-SLL-02
Power	20W	35W
Real Watt	15-20W	30-35W
Real LM	2500-3200LM	4000-5000LM
Product size (mm)	345*560*65	720*355*70
Solar panel	Monocrystalline Silicon-5V 25W	Monocrystalline Silicon-5V 32W
Solar Panel Size(MM)	447*335	577*345
Battery	Lithium battery 25AH	Lithium battery 40AH
Solar Charging time	7Hrs	7Hrs
Working Time	Over 3 days	Over 3 days

## Image

Various installation methods to meet different needs



Automatic lights off at dawn, automatic lights on at dark



After many IP65 waterproof grade tests, do not fear thunderstorm days do not affect the internal performance, outdoor lighting



Human body sensing

Five year warranty is replaced.

7 rainy days without power



Radar sensing

7 rainy days without power

180° Induction

10 m sensing range

Batteries: 6 large batteries

Beads: 144 high-gloss lens beads

Charging time: 4-6 hours


Lighting time: 7 rainy days

Solar panels: 6 volts

Lighting area: about 500 square meters



# LED solar light




Human body sensing

## LED Solar Street Light

Automatic lights, no fear of rainy days, high brightness and long life.


**The sun**

MAIN PRODUCT




Space core photovoltaic panel

The solar energy




Rain and lightning protection

Rain and lightning




LED light source

The light source




Lithium iron phosphate battery

The solar energy



Explosion-proof mask

Rain and lightning



Easy to install

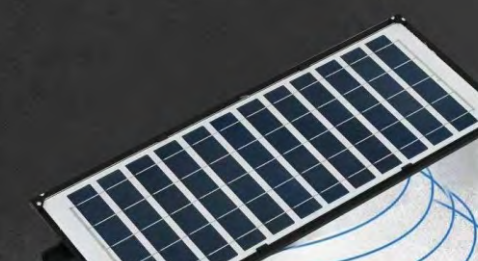
The light source

Human body sensing

## 10 m radar sensor

No one half bright, people come all bright

SOLVE THE PROBLEM






Installation mode upgrade



## Strong brightness engineering preferred

Three Installation Ways to Meet Outdoor Lighting Needs

SOLAR LIGHT DIPULEL

Wall installation Pole Installation Utility Pole installation

Automatic charging during the day Automatic lighting at night

## Details of parameters




Product Model	SDC-SLN	Shell weight	211.5g/276.9g/385g 454.5g/665.7g/741.9g
Shell material	ABS	Solar panels	6V/4W 6V/6W 6V/8W 6V/10W 6V/12W 6V/15W
Battery capacity	4A/5A/6A/8A/10A/12A	Product function	Radar sensor + light control + remote control
Waterproof level	IP67	Irradiated area	50m <sup>2</sup> 70m <sup>2</sup> 90m <sup>2</sup> 130m <sup>2</sup> 150m <sup>2</sup> 180m <sup>2</sup>
6 head size	18.8*79cm	Solar panels	17.1*72.9cm
5 head size	18.8*70cm	Solar panels	17.1*63.8cm
4 head size	18.8*58.6cm	Solar panels	17.1*54.7cm
3 head size	18.8*49.5cm	Solar panels	17.1*45.6cm
2 head size	18.8*37.8cm	Solar panels	17.1*33.6cm
1 head size	18.8*28.5cm	Solar panels	17.1*24.6cm

Strong light source  
enhances coverage


High quality brightness Life of moisture-proof and Waterproof LED Lamp beads is longer

SOLVE THE PROBLEM



High Quality LED


Good color without filtering



## Remote Control + Solar Light Control

Easy to manage with one click  
Intelligent control in one hand

...



Switch Light Key Radar sensing Scheduled for 3 hours Timed 2 hours Constant bright mode Timed 4 hours Radar sensing Timed 2 hours Radar sensing Timed 3 hours

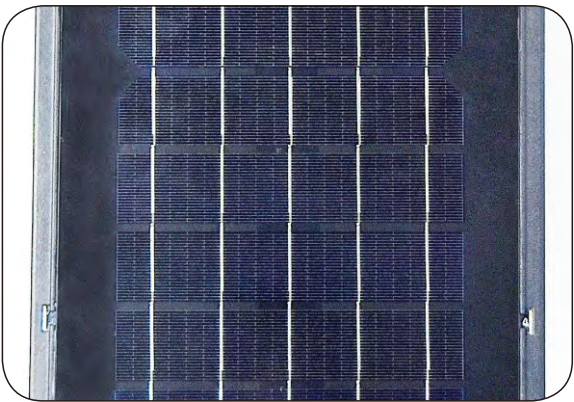
**10m**  
Ultra-long distance intelligent remote control



SOLAR STREET LIGHT



PC lens



Solar panel



Sensor



Switch

SOLAR STREET LIGHT

Features:

- Main body is made of Die-casting aluminum alloy
- Solar panel:Monocrystalline silicon-30W/18V
- Bridgelux 5050 led chip and LiFePO4, Military Grade battery 6.5Ah/12.8V for 15W; 14Ah/12.8V for 20W
- 2-in 1 sensor :Detecting natural light intensity and motion; Automatically turn on, off or dim down
- 3000K /4000K/5700K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying,regular color:Black
- IP66 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time:5-6hours
- Work time:three night by full charge
- Warranty is 5 years.

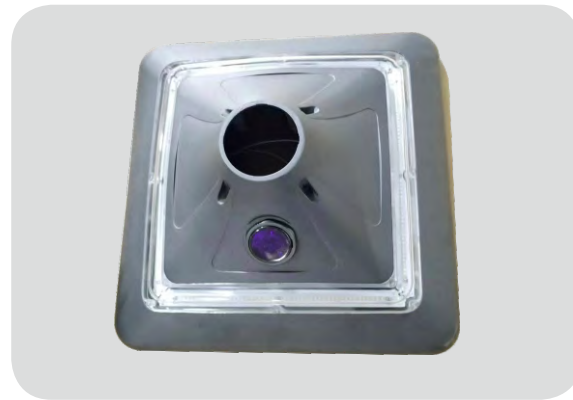
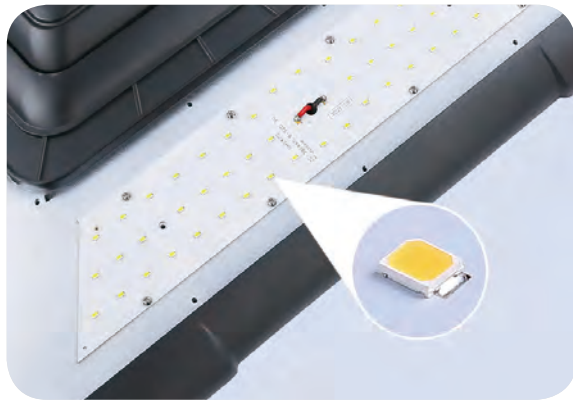
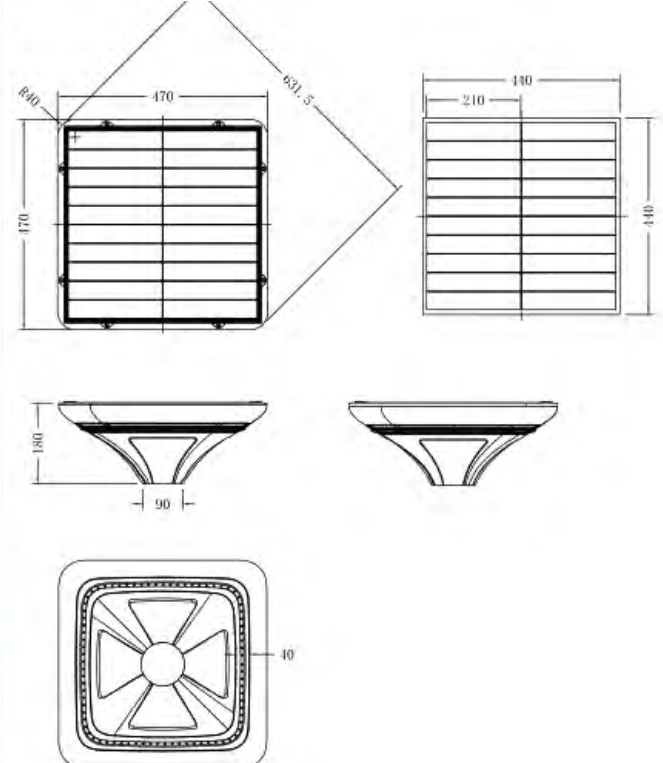
Specification:

Model	SDC-L-B01	SDC-L-B01	SDC-L-B01
Rated Power	48W	60W	120W
Solar Panel	MONO 5V/12W	MONO 5V/20W	MONO 5V/30W
Solar Panel Size	480*W220mm	L600*W270mm	720*W280mm
Battery	3.2V/10000MA	3.2V/10000MA	3.2V/10000MA
Full Light Working Time	>12Hours	>12Hours	>12Hours
Lighting Mode	Photo Sensor/Remote Controller/Timer	Photo Sensor/Remote Controller/Timer	Photo Sensor/Remote Controller/Timer
Distance For Remote	>20M	>20M	>20M
Meterial	ADC 12+ PC	ADC 12+ PC	ADC 12+ PC
Size	530*W235*60mm	L675*W280*80mm	785*W302*H80mm
Efficiency	180LM/W	180LM/W	180LM/W
CCT	2700-6500K	2700-6500K	2700-6500K
Luminaire Area	30m2	30m2	60m2
Carton Size:(CM)	67.5*29*10	67.5*29*10	79*31*10.5
QTY/CTN	1PCS	1PCS	1PCS
Weight (KG)	3.4KG	3.4KG	4.2KG



SOLAR GARDEN LIGHT

# SDC-S-001



Solar panel



Switch

SOLAR GARDEN LIGHT

## Application:



## Features:

- Main body is made of Die-casting aluminum alloy.
- The diffuser is a Opal anti-UV injection polycarbonate Lens for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-45W/5V
- 2835 led chip and LiFePO4 Lithium battery 60Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours
- Work time: three night by full charge
- Warranty is 3 years.



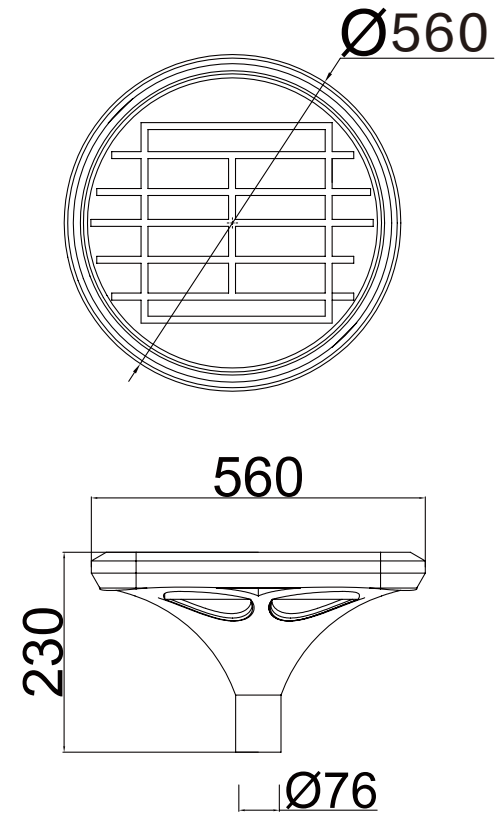
## Specification:

Item No.	LED	Size	Wattage	CCT	CRI
SDC-S-001	2835	470*470*H180mm	25W	3000K & 6500K	Ra≥80



SOLAR GARDEN LIGHT

# SDC-S-002



LED



PC lens



Solar panel



Switch

SOLAR GARDEN LIGHT

## Application:



## Features:

- Main body is made of Die-casting aluminum alloy.
- The diffuser is a Clear anti-UV injection polycarbonate Lens for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-32W/5V.
- 2835 led chip and LiFePO4 Lithium battery 45Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours.
- Work time: three night by full charge
- Warranty is 3 years.



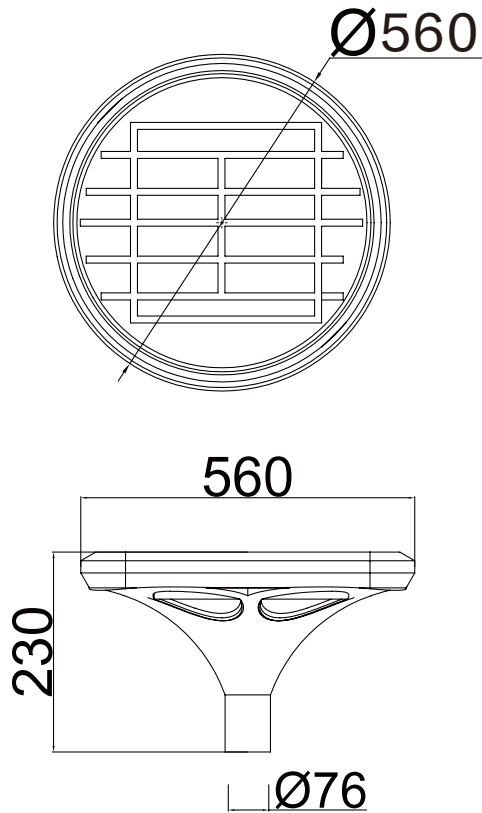
## Specification:

Item No.	LED	Size	Wattage	CCT	CRI
SDC-S-002	2835	560*560*H230mm	25W	3000K & 6500K	Ra≥80



SOLAR GARDEN LIGHT

SDC-S-003



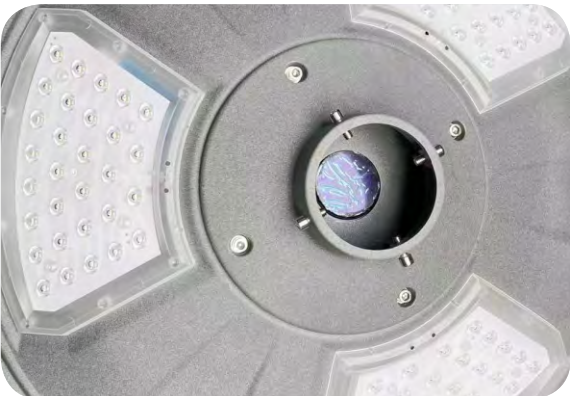
LED



Opal PC diffuser



Solar panel



Switch

SOLAR GARDEN LIGHT

Application:



Walkways



Parks and Gardens



Car parks



Prestigious



Retail



Amenity

Features:

- Main body is made of Die-casting aluminum alloy .
- The diffuser is a Opal anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-20W/5V.
- 2835 led chip and LiFePO4 Lithium battery 20Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying,regular color:Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time:5-6hours
- Work time:three night by full charge
- Warranty is 3 years.



Specification:

Item No.	LED	Size	Wattage	CCT	CRI
SDC-S-003	2835	560*560*H230mm	25W	3000K & 6500K	Ra≥80



SOLAR GARDEN LIGHT

# SDC-S-004

## Dimension Parameter

60W

Solar panels: 25W/6V  
battery : 24AH/3.2V  
IP Grade : IP65  
Charging time : 12hrs  
Lamp beads : 2835/1152Beads



## High Efficient Solar Panels

high bright solar outdoor light



## high capacity lithium battery

provide faster and longer use to ensure continuous power supply



- 1 safety and stability
- 2 lighting duration: 100% lighting

## Energy-Saving Led Lamp

High brightness beads to provide higher brightness



Waterproof ip65  
easily cope with outdoor  
bad weather



SOLAR GARDEN LIGHT

## Application:



Walkways



Parks and Gardens



Car parks



Prestigious



Retail



Amenity

## Features:

- Main body is made of Die-casting aluminum alloy .
- The diffuser is a Opal anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-20W/5V
- 2835 led chip and LiFePO4 Lithium battery 20Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours
- Work time: three night by full charge
- Warranty is 3 years.

## Automatic Induction & Remote control

Lighting area 100 square meters

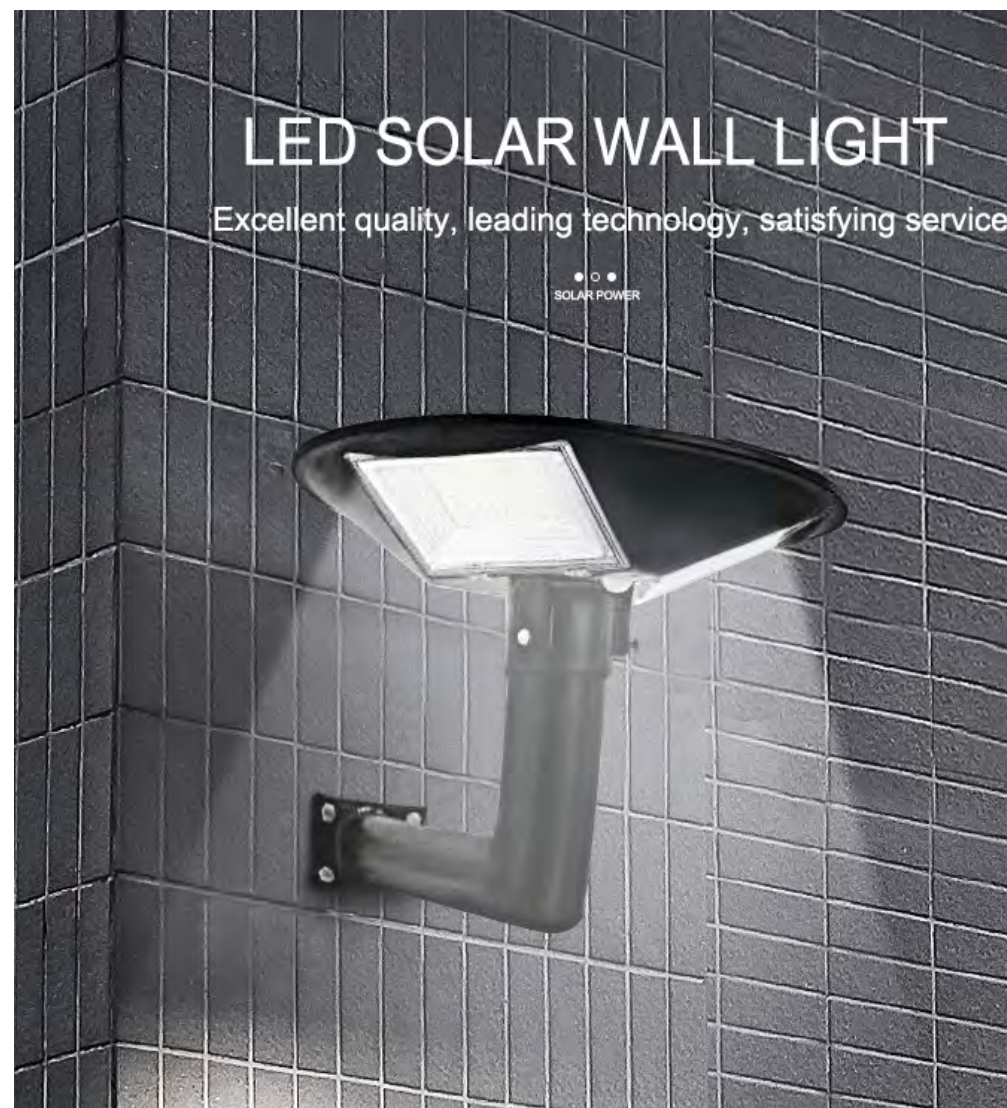
## Specification:

Item No.	LED	Size	Wattage	CCT	CRI
SDC-S-004A	2835	420*420*H125mm	18W	3000K & 6500K	Ra≥80
SDC-S-004B	2835	550*550*H125mm	25W	3000K & 6500K	Ra≥80



**SOLAR GARDEN LIGHT**

# SDC-S-005



## High Efficient Solar Panels



## high capacity lithium battery

provide faster and longer use to ensure continuous power supply

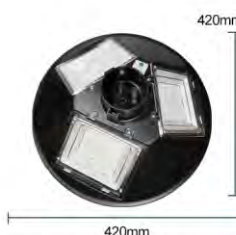


- 1 safety and stability
- 2 lighting duration: 100% lighting

## Dimension Parameter

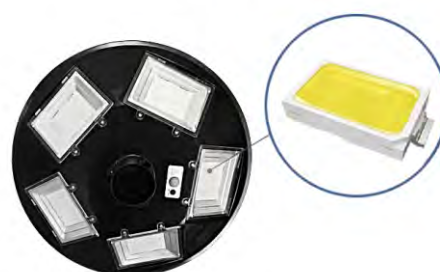
60W

Solar power: 20W/6V  
battery: 18AH/3.2V  
IP Grade: IP65  
Charging time: 12hrs



## Energy-Saving Led Lamp

High brightness beads to provide higher brightness



Waterproof ip65  
easily cope with outdoor  
bad weather

## Scope of application



**SOLAR GARDEN LIGHT**

## Application:



Walkways



Parks and Gardens



Car parks



Prestigious



Retail



Amenity

## Features:

- Main body is made of Die-casting aluminum alloy.
- The diffuser is a Prismatic anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-28W/5V
- 2835 led chip and LiFePO4 Lithium battery 36Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours
- Work time: three night by full charge
- Warranty is 3 years.

## Automatic Induction & Remote control

Lighting area: 100 square meters

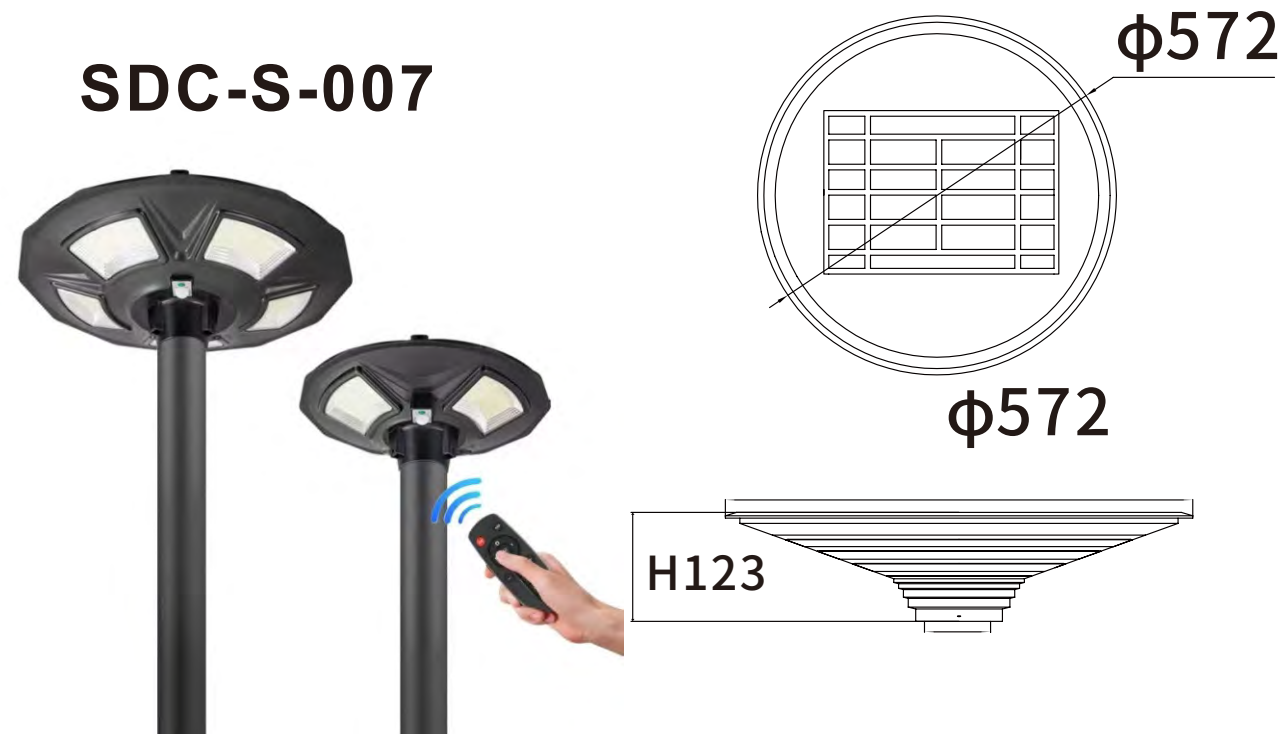


Item No.	LED	Size	Wattage	CCT	CRI
SDC-S-005A	2835	435*H123mm	15W	3000K & 6500K	Ra≥80
SDC-S-005B	2835	560*H123mm	24W	3000K & 6500K	Ra≥80



SOLAR GARDEN LIGHT

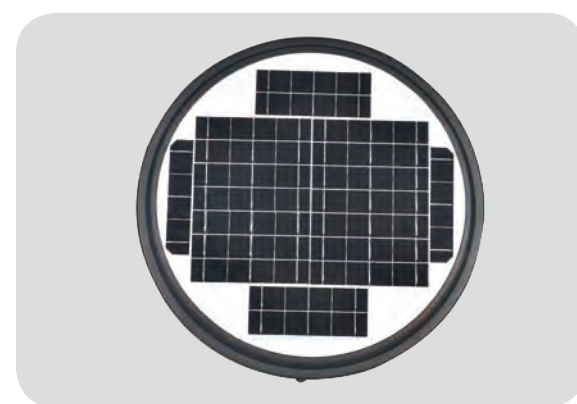
SDC-S-007



LED



Frosted PC diffuser



Solar panel



Switch

Application:



Features:

- Main body is made of ABS
- The diffuser is a Frosted anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-20W/5V.
- 2835 led chip and LiFePO4 Lithium battery 20Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying,regular color:Black.
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time:5-6hours.
- Work time:three night by full charge.
- Warranty is 3 years.

Specification:

Item No.	LED	Size	Wattage	CCT	CRI
SDC-S-005A	2835	435*H123mm	15W	3000K & 6500K	Ra≥80
SDC-S-005B	2835	560*H123mm	24W	3000K & 6500K	Ra≥80

SOLAR GARDEN LIGHT





SOLAR GARDEN LIGHT

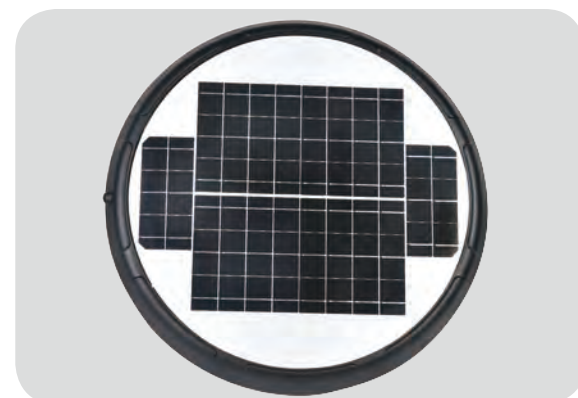
SDC-S-008



LED



Prismatic PC diffuser



Solar panel



Switch

SOLAR GARDEN LIGHT

Application:



Features:

- Main body is made of Die-casting aluminum alloy.
- The diffuser is a Prismatic anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-25W/5V, 16W/5V.
- 2835 led chip and LiFePO4 Lithium battery 30Ah/3.2V, 16Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black.
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours.
- Work time: three night by full charge.
- Warranty is 3 years.



Specification:

Item No.	LED	Size	Wattage	CCT	CRI
SDC-S-008S	2835	410*H383mm	8W	3000K & 6500K	Ra≥80
SDC-S-008L	2835	530*H490mm	12W	3000K & 6500K	Ra≥80



SOLAR BOLLARD

# SDC-B-002



Switch



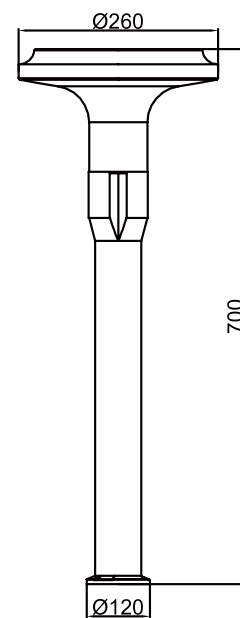
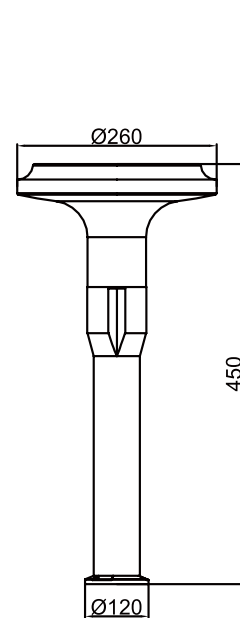
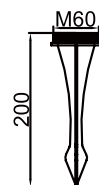
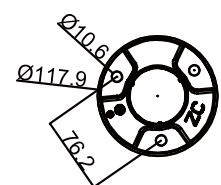
Injection PC diffuser



Solar panel



Base



## Application:



Walkways



Parks and Gardens



Car parks



Prestigious



Retail



Amenity



## Features:

- Main body is made of Die-casting aluminum alloy with extruded aluminum alloy.
- The diffuser is a Opal anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel:Monocrystalline silicon-4.5W/5V
- F8 led chip and LiFePO4 Lithium battery 8Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying,regular color:Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time:5-6hours.
- Work time:three night by full charge.
- Warranty is 3 years.

## Specification:

Item No.	LED	Size	Wattage	CCT	CRI
SDC-B-002A	F8	260*H450mm	3W	3000K & 6500K	Ra≥80
SDC-B-002B	F8	260*H700mm	3W	3000K & 6500K	Ra≥80



SOLAR BOLLARD

# SDC-B-003



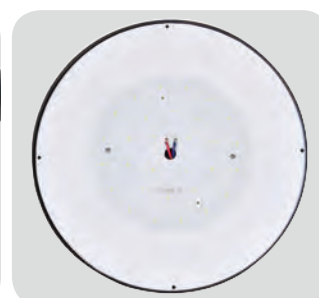
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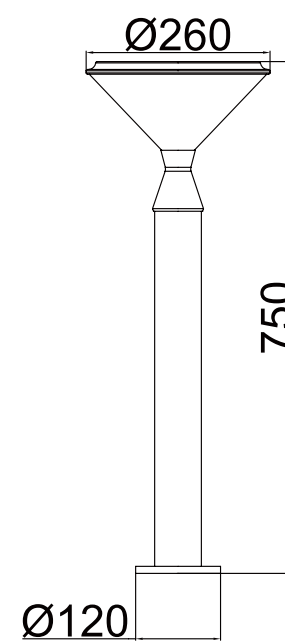
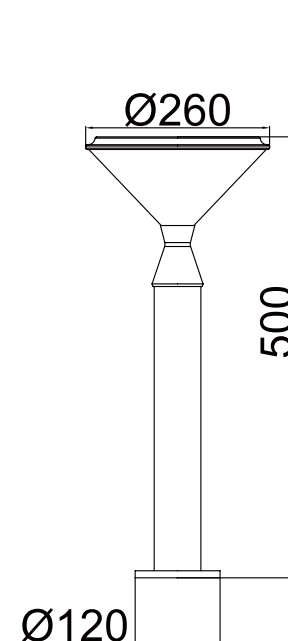
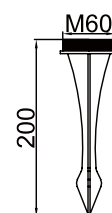
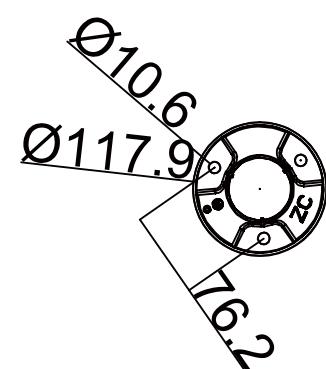
Injection PC diffuser



Solar panel



LED



## Application:



Walkways



Parks and Gardens



Car parks



Prestigious



Retail



Amenity

SOLAR BOLLARD



## Features:

- Main body is made of Die-casting aluminum alloy with extruded aluminum alloy.
- The diffuser is a Prismatic anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-4.5W/5V.
- 2835 led chip and LiFePO4 Lithium battery 8Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying,regular color:Black.
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time:5-6hours.
- Work time:three night by full charge.
- Warranty is 3 years.

## Specification:

Item No.	LED	Size	Wattage	CCT	CRI
SDC-B-003A	2835	260*H500mm	3W	3000K & 6500K	Ra≥80
SDC-B-003B	2835	260*H750mm	3W	3000K & 6500K	Ra≥80

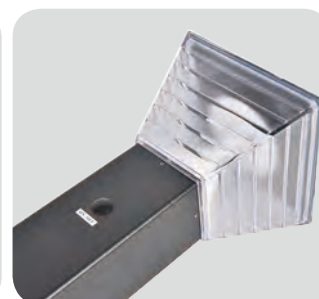


**SOLAR BOLLARD**

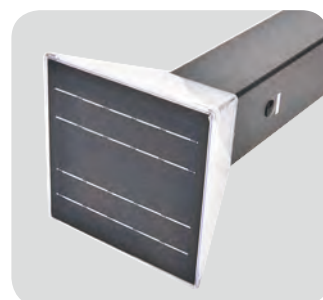
**SDC-B-005**



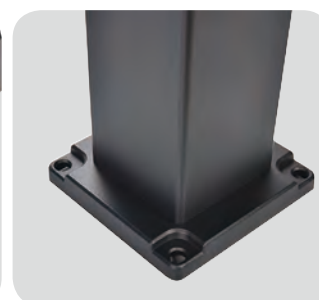
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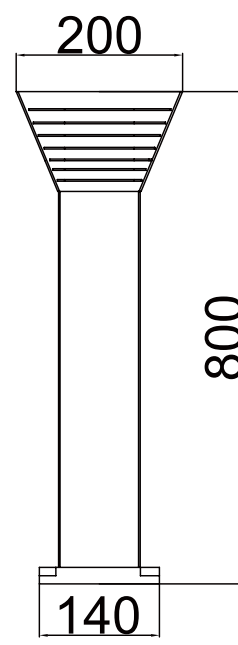
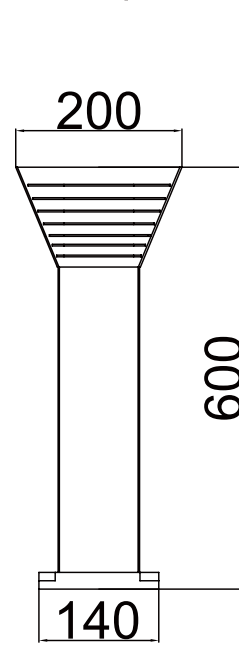
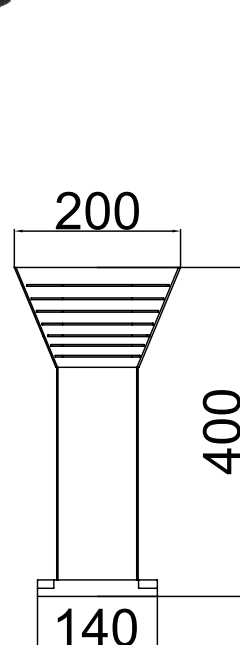
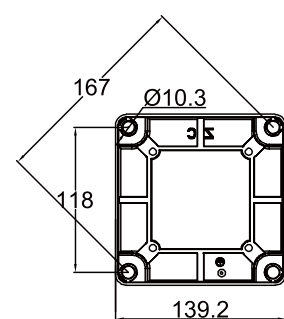
Injection PC diffuser



Solar panel



Base



**Application:**



Walkways



Parks and Gardens



Car parks



Prestigious



Retail



Amenity

**SOLAR BOLLARD**



**Features:**

- Main body is made of Die-casting aluminum alloy with extruded aluminum alloy.
- The diffuser is a Frosted anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-5W/5V.
- 2835 led chip and LiFePO4 Lithium battery 6.4Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours.
- Work time: three night by full charge.
- Warranty is 3 years.

**Specification:**

Item No.	LED	Size	Wattage	CCT	CRI
SDC-B-005A	2835	260*H400mm	3W	3000K & 6500K	Ra≥80
SDC-B-005B	2835	260*H600mm	3W	3000K & 6500K	Ra≥80
SDC-B-005C	2835	260*H800mm	3W	3000K & 6500K	Ra≥80



**SOLAR BOLLARD**

**SDC-B-006**



Switch



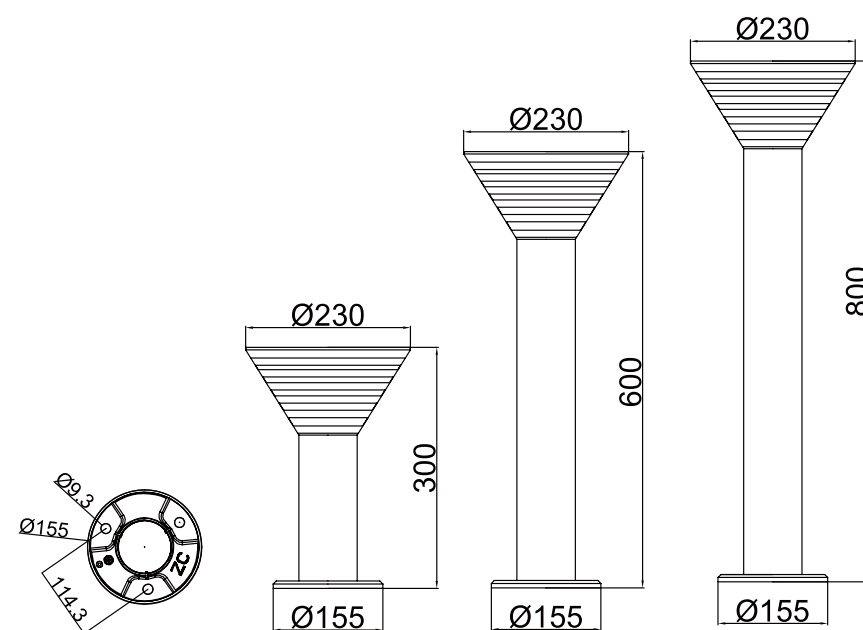
Injection PC diffuser



Solar panel



Base



**Application:**



Walkways



Parks and Gardens



Car parks



Prestigious



Retail



Amenity

**SOLAR BOLLARD**



**Features:**

- Main body is made of Die-casting aluminum alloy with extruded aluminum alloy.
- The diffuser is a frosted anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-4.5W/5V.
- 2835 led chip and LiFePO4 Lithium battery 6.4Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours
- Work time: three night by full charge
- Warranty is 3 years.

**Specification:**

Item No.	LED	Size	Wattage	CCT	CRI
SDC-B-006A	2835	230*H300mm	3W	3000K & 6500K	Ra≥80
SDC-B-006B	2835	230*H600mm	3W	3000K & 6500K	Ra≥80
SDC-B-006C	2835	230*H800mm	3W	3000K & 6500K	Ra≥80



**SOLAR BOLLARD**

**SDC-B-008**



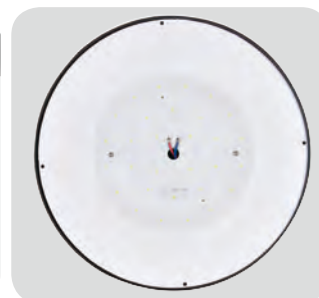
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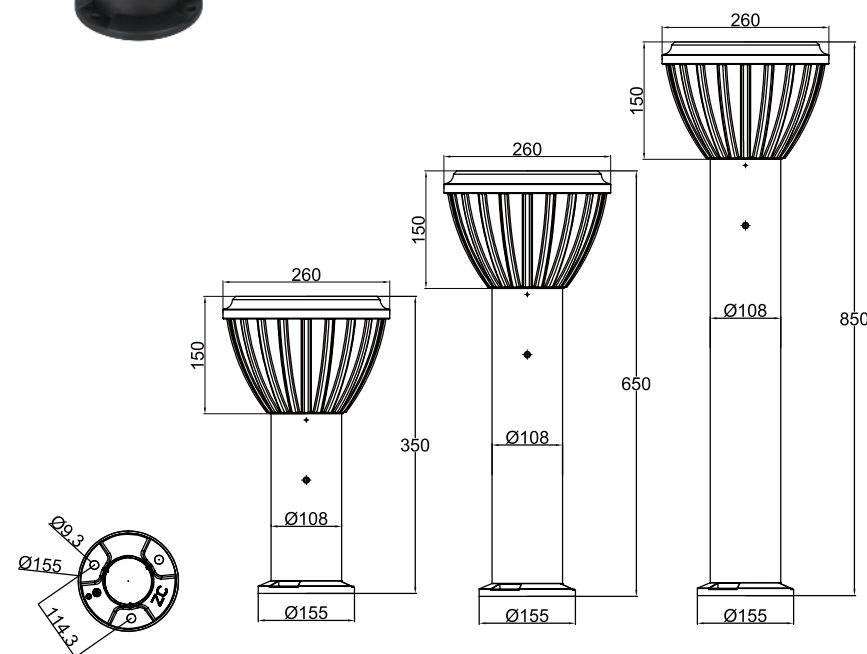
Injection PC diffuser



Solar panel



LED



**Application:**



Walkways



Parks and Gardens



Car parks



Prestigious



Retail



Amenity

**SOLAR BOLLARD**



**Features:**

- Main body is made of Die-casting aluminum alloy with extruded aluminum alloy.
- The diffuser is a Prismatic anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-4.5W/5V
- 2835 led chip and LiFePO4 Lithium battery 8Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours.
- Work time: three night by full charge.
- Warranty is 3 years.

**Specification:**

Item No.	LED	Size	Wattage	CCT	CRI
SDC-B-008A	2835	260*H350mm	3W	3000K & 6500K	Ra≥80
SDC-B-008B	2835	260*H650mm	3W	3000K & 6500K	Ra≥80
SDC-B-008C	2835	260*H850mm	3W	3000K & 6500K	Ra≥80



SOLAR BOLLARD

# SDC-B-009



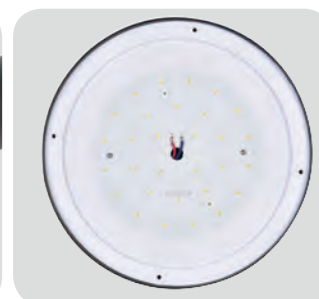
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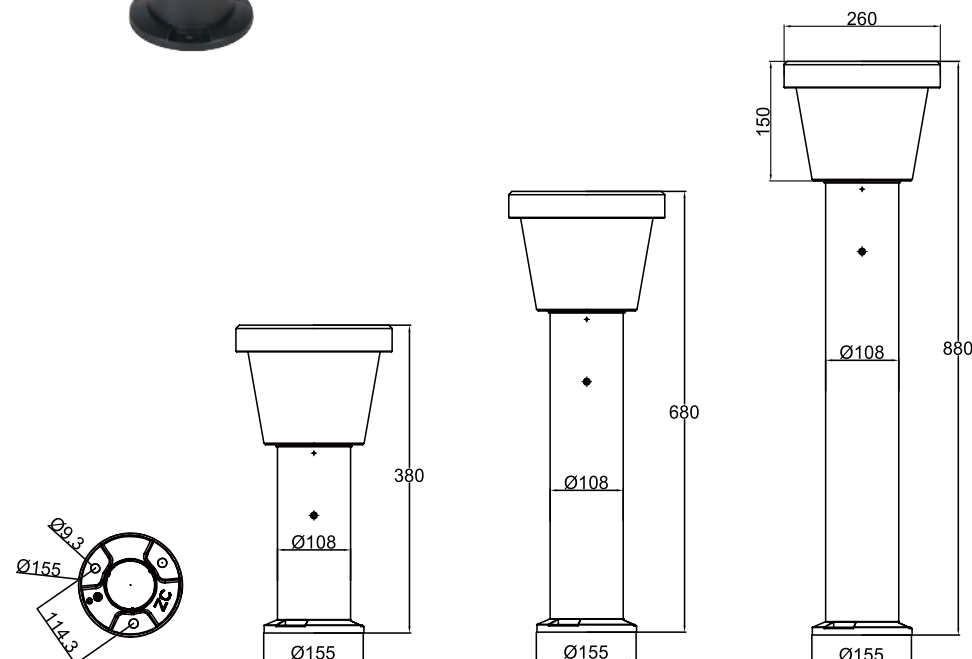
Injection PC diffuser



Solar panel



LED



## Application:



Walkways



Parks and Gardens



Car parks



Prestigious



Retail



Amenity

SOLAR BOLLARD



## Features:

- Main body is made of Die-casting aluminum alloy with extruded aluminum alloy.
- The diffuser is a Opal anti-UV injection polycarbonate for high efficiency and vandal resistance.
- Solar panel: Monocrystalline silicon-4.5W/5V.
- 2835 led chip and LiFePO4 Lithium battery 8Ah/3.2V.
- 3000K & 6500K as regular ,other CCT options.
- Tamper proof fixings for increased vandal resistance.
- Anti-UV electrostatic powder spraying, regular color: Black
- IP65 rating water and rust proof protection.
- IK08 rating housing protection.
- Charge time: 5-6 hours.
- Work time: three night by full charge.
- Warranty is 3 years.

## Specification:

Item No.	LED	Size	Wattage	CCT	CRI
SDC-B-009A	2835	260*H380mm	3W	3000K & 6500K	Ra≥80
SDC-B-009B	2835	260*H680mm	3W	3000K & 6500K	Ra≥80
SDC-B-009C	2835	260*H880mm	3W	3000K & 6500K	Ra≥80







Plate conversion rate up to: **93%**  
Increased service life: **100** 次  
Increased output efficiency: **10%**

Battery Comparison "Look Carefully"



32650 Extra Large Lithium Battery



18650 Small Battery

Upgrade Seam Lamination Technology





Parameter


Model	SDC-SLF-B01	SDC-SLF-B02	SDC-SLF-B03
Power	100W	200W	300W
Product size (mm)	205*197*58MM	276*218*69MM	291*255*80MM
Solar panel size(mm)	280*350*17MM	450*350*17MM	540*350*17MM
Color Temperature(CCT)	2700-6500K	2700-6500K	2700-6500K
Input Voltage(V)	AC 85-305V	AC 85-305V	AC 85-305V
Luminous Efficacy(lm/w)	120	120	120
Warranty(Year)	3-YEAR	3-YEAR	3-YEAR
Lamp Luminous Flux(lm)	4800-12000	4800-12000	4800-12000
Battery	Lithium battery 32650-10000mAH	Lithium battery 15000mAH	Lithium battery 30000mAH
Real LM	850-950LM	850-950LM	850-950LM
Working Temperature(℃)	-25-40℃	-25-40℃	-25-40℃
LED QTY	72 PCS	88PCS	208 PCS
LED chip	5730	5730	5730
Lifespan (hours)	30000	30000	30000

No video flash

Eye protection


Gentle light care for the family

Select the stable driver and LED light source chip, control the stroboscopic to the invisible area, so that the light is more delicate and uniform, and get a better visual experience




Easy to install


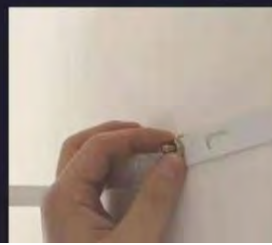
The solar panel installation method is the same as the lamp head



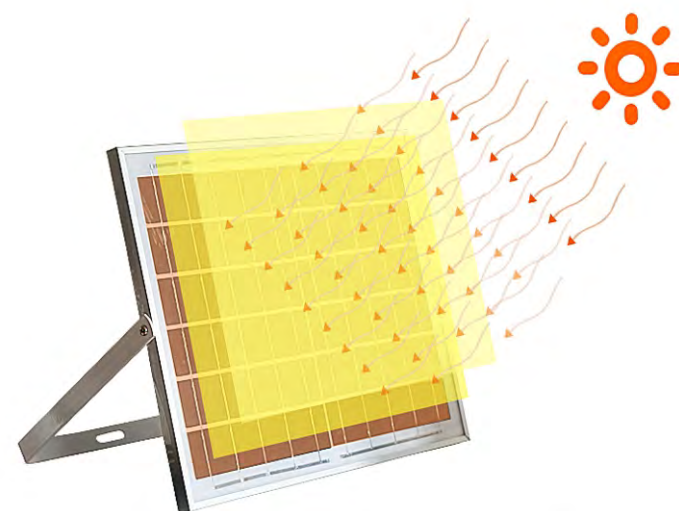
1. Drill the wall that needs to be placed with a drill machine



2. Insert the expansion screw and tighten it.



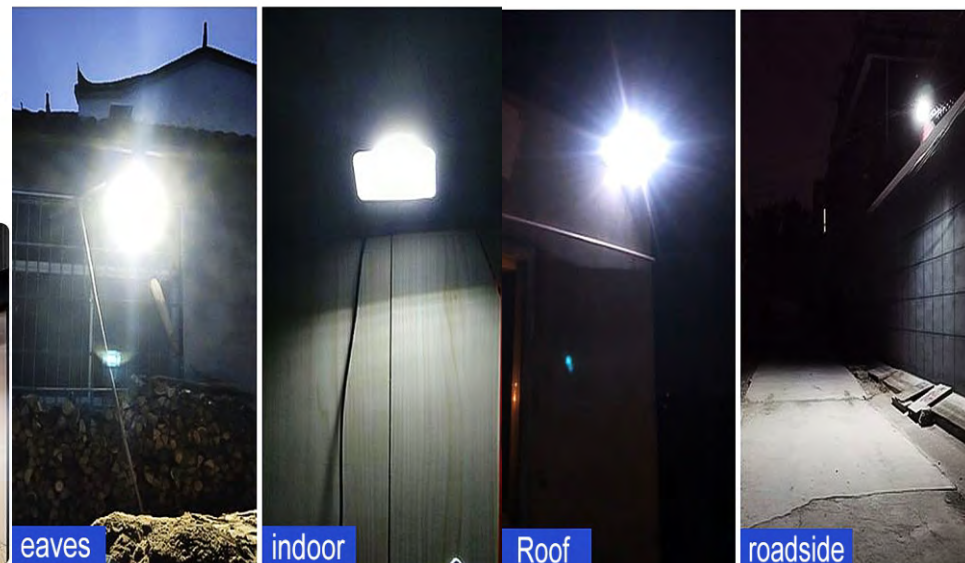




Automatic charging

Full charge 4-6 hours

90% charging efficiency



SDC-SLF-A01



SDC-SLF-A02



SDC-SLF-A03

## Parameter

Model	SDC-SLF-A01	SDC-SLF-A02	SDC-SLF-A03
Power	40W	60W	100W
Product size (mm)	205*197*58MM	276*218*69MM	291*255*80MM
Solar panel size(mm)	280*350*17MM	450*350*17MM	540*350*17MM
Color Temperature(CCT)	2700-6500K	2700-6500K	2700-6500K
Input Voltage(V)	AC 85-305V	AC 85-305V	AC 85-305V
Luminous Efficacy(lm/w)	120	120	120
Warranty(Year)	3-YEAR	3-YEAR	3-YEAR
Lamp Luminous Flux(lm)	4800-12000	4800-12000	4800-12000
Battery	Lithium battery 32650-10000mAH	Lithium battery 15000mAH	Lithium battery 30000mAH
Real LM	850-950LM	850-950LM	850-950LM
Working Temperature(℃)	-25-40℃	-25-40℃	-25-40℃
LED QTY	72 PCS	88PCS	208 PCS
LED chip	5730	5730	5730
Lifespan (hours)	30000	30000	30000

## Image



**POWER DISPLAY**  
Observe the battery power at any time

