ST SOLAR

https://www.stsolar.co.uk

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ST SOLAR

SOLAR LIGHT SERIES PRODUCTS

COMPANY PROFILE

23 Industrialization factories

20% Annual revenue invested in R&Dof new products

100+ There are distributorsand partners in variouscountriesand regions.

100+ Patent certificate

ODM ODMservice

ST SOLAR

MISSION

- Infinite sunlight, a world without wires.

VISION

- Let the bright sunshine become free electricity.

VALUES

- Storage as the source, households as the grid, Storage source and household grid.

ST Solar replaces the need for electricity freedom with sunlight coverage. We address issues such as insufficient power supply and high electricity costs for homeowners, offering comprehensive solutions for the construction, operation, and management of green energy assets. With our own R&D, design, production, and sales operation system, we have independently developed energy storage systems and integrated modules and other applications that provide solutions and system integration for various scenarios, including industrial and commercial energy storage solutions, residential balcony independent power stations, new energy transportation charging and storage, and smart parks.

We have 23 distributed industrialization 5.0 factories, multiple large photovoltaic module workshops with an annual production capacity of 2GW, and over 100 regional warehousing centers, we have established a comprehensive industrial chain service system encompassing manufacturing, sales and services.

We look forward to joining hands with friends, partners, and suppliers who are equally committed to the development of the new energy industry, to collectively welcome the era of photovoltaic alternative energy.

Our services:

We focus on solving grid connection issues, establishing stable and affordable independent power grids, providing productsand solutionsfor free energy, integrating industry resources, and are committed to offering comprehensivemicro-energy storage system solutionsand high-quality products for users across various fields.

Our commitment:

We deliver quality and warranty that exceeds industry standards. With direct subsidiaries in multiple countries and over 100 regional warehousing centers, we ensure the fastest and most reliable service support.

We are looking for:

Power service companies, government energy departments, B2B procurement managers, solar energy solution providers, engineering project service providers, energy retailers, energy solution companies, smart energy enterprises, companies in the energy transition sector, EPCcontractors and renewable energy investors.

SOLAR LIGHTING SERIES

24V/12V MUNICIPAL STREET LIGHT

BCT-SESM-1.0/BCT-SESM-12V

Product Parameters

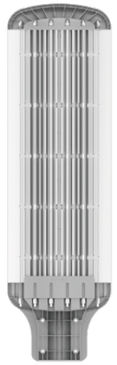
	BCT-SESM-1.0	BCT-SESM-12V
Solar Panel	400W (Mono)	200W (Mono)
Battery	24V/100(±5)Ah $LiFePO_4$ Battery	12V/100(±5)Ah $LiFePO_4$ Battery
Light Power	36000 lm(Common 200W LED)	21000 lm(Common 150W LED)
Installation Height	12-15m	10-12m
Installation Distance	45-60m	30-40m
Lighting Time	8+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

LED Chips with high lumen

480 imported LED with high brightness, life span more than 100000 hours.

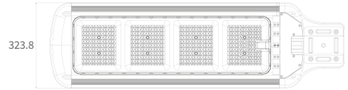
$LiFePO_4$ battery

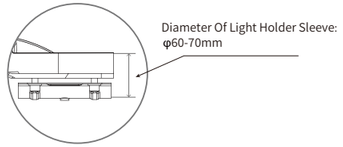
Super endurance, high and low temperature resistance, long cycle life.



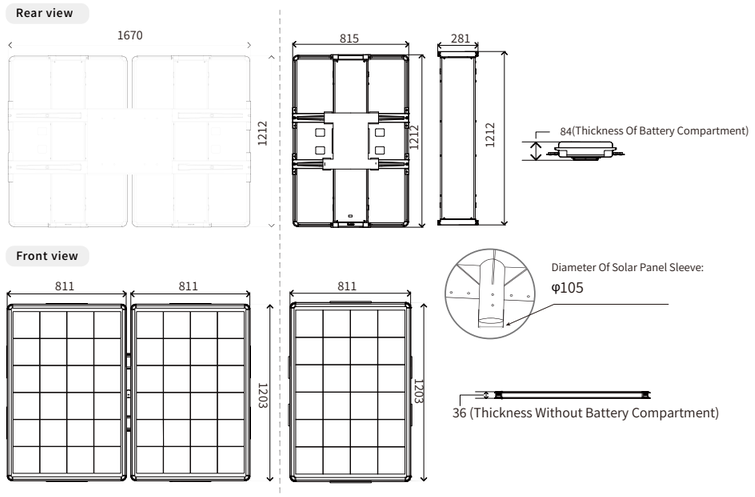
Product Size (Unit：mm)

- Lamp head size



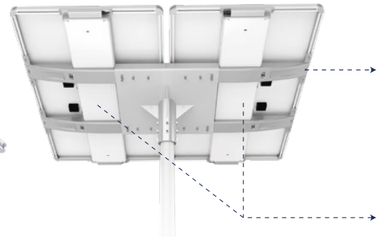


- Size of the 24V/12V solar panel & battery compartment



Presentation of Integrated Battery Panel

BCT-SESM-12V



BCT-SESM-1.0

Independently-developed Bracket

- Good mechanical properties can provide sufficient structural strength and bearing capacity, standardized interface and connection mode facilitate rapid installation, simplify assembly process and reduce cost.

External Battery Compartment

- External modular design with durability and reliability, brings long-lasting safety to internal batteries in various environments.

12V ALL IN ONE SOLAR STREET LIGHT

BCT-OLF2.0-200W

Product Parameters

Solar Panel	200W (Mono)
Battery	12V/100 (±5)Ah $LiFePO_4$ Battery
Light Power	20000 lm
Installation Height	10-12m
Installation Distance	30-40m
Installation Way	Straight pole installation
Lighting Time	8+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

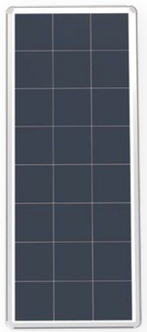
300 High-lumen LED Beads

Equipped with imported high-lumen LED beads, **100,000**-hour service life, higher brightness, longer lifespan and lower light decay.

Monocrystalline Solar Panel

Module efficiency over **23%**.

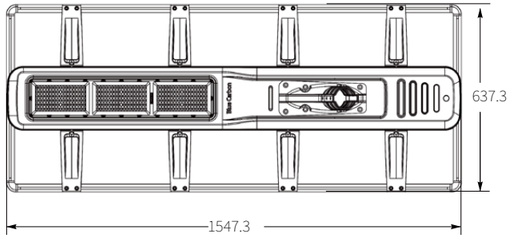
Front View

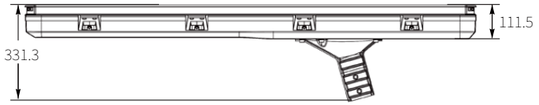


Rear View

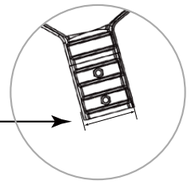
Side View

Product Size (Unit:mm)





Installation Inner Diameter
φ71mm



Product Advantages

- **Excellent High/Low Temperature Resistance**

70°C Stable operation even in high-temperature environments.

-40°C Reliable performance at sub-zero temperatures.

- **IP65 Waterproof Rating**

The whole lamp features high-grade waterproof performance, effectively resisting rain, splashing, and moisture for stable long-term outdoor operation in heavy rain and humid conditions.

- **PC Outdoor Optical Lens**

Features a polycarbonate (PC) outdoor optical lens for even light distribution, >95% transmittance, aging resistance,and high-temperature resistant without deformation.

- **Monocrystalline Solar Panel**

Module efficiency over 23%.

- **$LiFePO_4$ Battery**

High-capacity $LiFePO_4$ battery for extended runtime and long cycle life.

- **Aluminum-magnesium(Al-Mg) Alloy Frame**

High-quality Al-Mg alloy die-cast, corrosion-resistant and efficient in heat dissipation

12V MUNICIPAL STREET LIGHT

BCT-OLY1.0

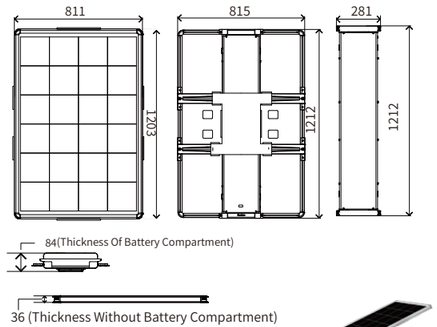
Product Parameters

Solar Panel	200W (Mono)
Battery	12V/100(±5)Ah $LiFePO_4$ Battery
Light Power	18000 lm(Common 135W LED)
Installation Height	10-12m
Installation Distance	40-50m
Lighting Time	8+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit：mm)

- Lamp head size

- Size of the 12V solar panel & battery compartment



Independently-developed Bracket

- Good mechanical properties can provide sufficient structural strength and bearing capacity, standardized interface and connection mode facilitate rapid installation, simplify assembly process and reduce cost.

External Battery Compartment

- External modular design with durability and reliability, brings long-lasting safety to internal batteries in various environments.

12V MUNICIPAL STREET LIGHT

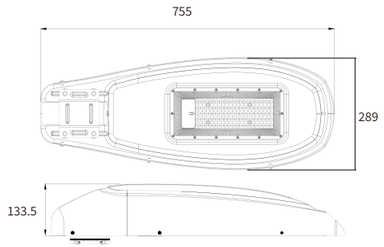
BCT-OPP3.0-D

Product Parameters

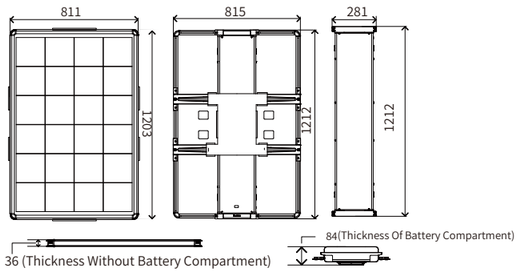
Solar Panel	200W (Mono)
Battery	12V/75(±5)Ah $LiFePO_4$ Battery
Light Power	12600 lm (Common 90W LED)
Installation Height	8-10m
Installation Distance	35-45m
Lighting Time	8+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit：mm)

- Lamp head size



- Size of the 12V solar panel & battery compartment



Independently-developed Bracket

- Good mechanical properties can provide sufficient structural strength and bearing capacity, standardized interface and connection mode facilitate rapid installation, simplify assembly process and reduce cost.

External Battery Compartment

- External modular design with durability and reliability, brings long-lasting safety to internal batteries in various environments.

12V MUNICIPAL STREET LIGHT

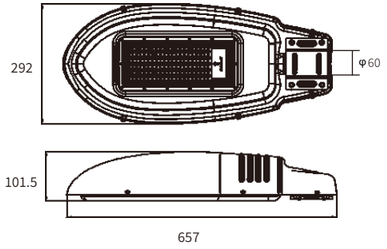
BCT-OPP2.0-12V

Product Parameters

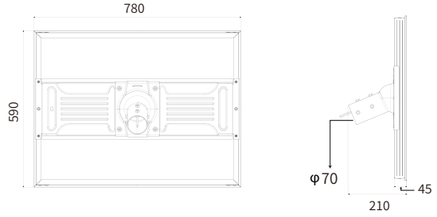
Solar Panel	90W (Mono)
Battery	12V/25Ah $LiFePO_4$ Battery
Light Power	5800 lm(Common 56W LED)
Installation Height	8-10m
Installation Distance	35-40m
Lighting Time	8+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit：mm)

- Lamp head size



- Size of the 12V solar panel & battery compartment



External Battery Compartment

- External modular design with durability and reliability, brings long-lasting safety to internal batteries in various environments.

Independently-developed Bracket

- Good mechanical properties provides sufficient structural strength and bearing capacity. Standardized interfaces and connection modes facilitate rapid installation, simplify assembly, and reduce costs.

12V MUNICIPAL STREET LIGHT

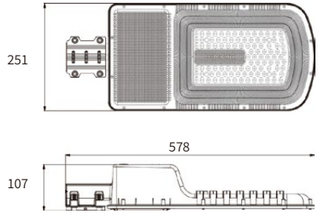
BCT-OLC1.0-12V

Product Parameters

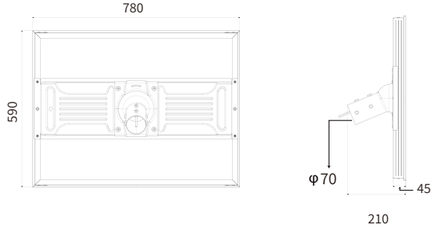
Solar Panel	90W (Mono)
Battery	12V/25Ah $LiFePO_4$ Battery
Light Power	5600 lm (Common 50W LED)
Installation Height	8-9m
Installation Distance	35-40m
Lighting Time	8+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit：mm)

- Lamp head size



- Size of the 12V solar panel & battery compartment



External Battery Compartment

- External modular design with durability and reliability, brings long-lasting safety to internal batteries in various environments.

Independently-developed Bracket

- Good mechanical properties provides sufficient structural strength and bearing capacity. Standardized interfaces and connection modes facilitate rapid installation, simplify assembly, and reduce costs.

ALL IN ONE SOLAR STREET LIGHT

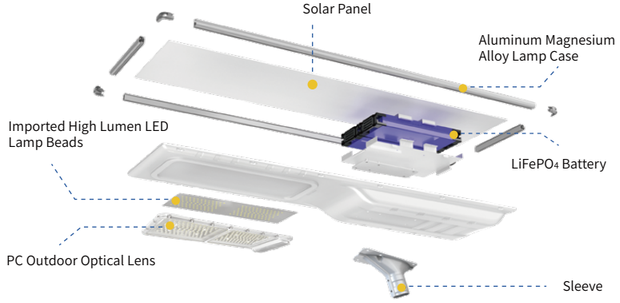
BCT-OLF-140W

Horizontal Slipfitter Mounting

Product Parameters

Solar Panel	5V/140W (Mono)
Battery	3.2V/250(±5)Ah $LiFePO_4$ Battery
Light Power	12000 lm (Common 120W LED)
Installation Height	10-12m
Installation Distance	40-50m
Installation Way	Straight pole installation, horizontal slipfitter mounting
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit:mm)



ALL IN ONE SOLAR STREET LIGHT

BCT-OLF-100W/BCT-OLF-80W

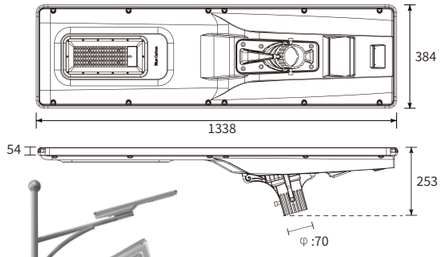
Product Parameters

	BCT-OLF-100W	BCT-OLF-80W
Solar Panel	5V/100W (Mono)	5V/80W (Mono)
Battery	3.2V/200 (±5)Ah $LiFePO_4$ Battery	3.2V/100 (±5)Ah $LiFePO_4$ Battery
Light Power	8000 lm (Common 80W LED)	6000 lm (Common 60W LED)
Installation Height	8-10m	6-8m
Installation Distance	40-50m	35-45m
Installation Way	Straight pole installation, horizontal slipfitter mounting	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

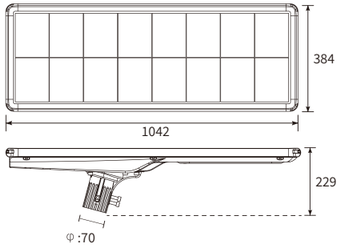
Horizontal Slipfitter Mounting

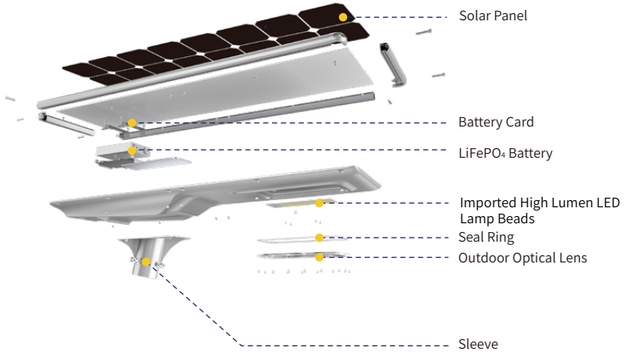
Product Size (Unit:mm)

BCT-OLF-100W



BCT-OLF-80W





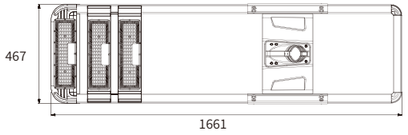
ALL IN ONE SOLAR STREET LIGHT

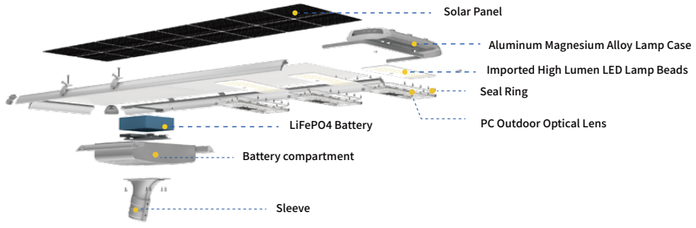
BCT-OLF-120W-P

Product Parameters

Solar Panel	5V/120W (Mono)
Battery	3.2V/200 (±5)Ah LiFePO4 Battery
Light Power	8000 lm (Common 80W LED)
Installation Height	8-10m
Installation Distance	35-40m
Installation Way	Straight pole installation
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit：mm)





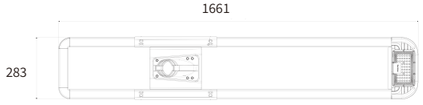
ALL IN ONE SOLAR STREET LIGHT

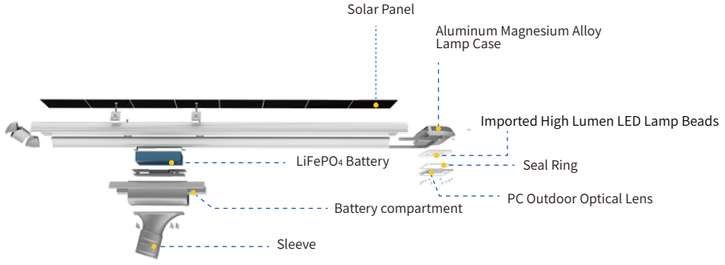
BCT-OLF-60W

Product Parameters

Solar Panel	5V/60W (Mono)
Battery	3.2V/40 (±5)Ah LiFePO4 Battery
Light Power	3200 lm (Common 30W LED)
Installation Height	6-8m
Installation Distance	20-30m
Installation Way	Straight pole installation
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit：mm)





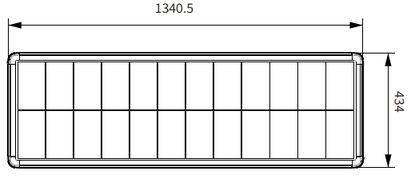
ALL IN ONE SOLAR STREET LIGHT

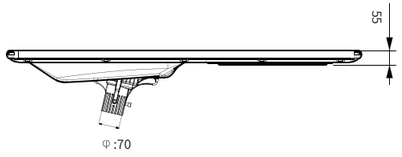
BCT-OLF-110W

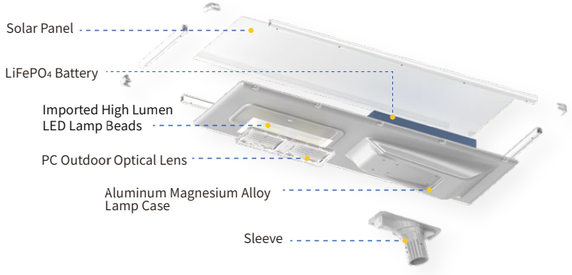
Product Parameters

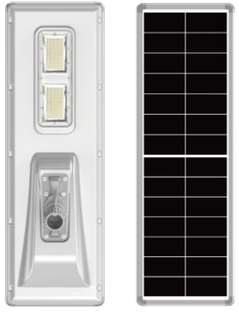
Solar Panel	5V/110W (Mono)
Battery	3.2V/220 (±5)Ah $LiFePO_4$ Battery
Light Power	9000 lm(Common 90W LED)
Installation Height	8-10m
Installation Distance	40-50m
Installation Way	Straight pole installation
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit：mm)









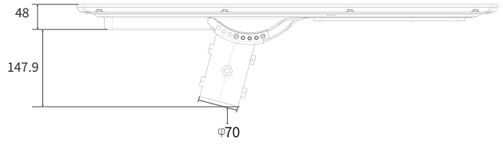
ALL IN ONE SOLAR STREET LIGHT

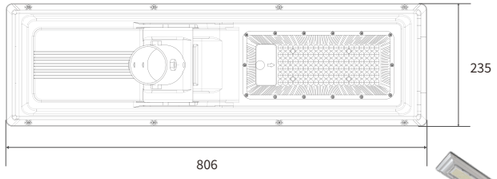
BCT-OLF-30W

Product Parameters

Solar Panel	5V/30W (Mono)
Battery	3.2V/50 (±5)Ah $LiFePO_4$ Battery
Light Power	2700 lm(Common 24W LED)
Installation Height	4-6m
Installation Distance	20-25m
Installation Way	Straight pole installation
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

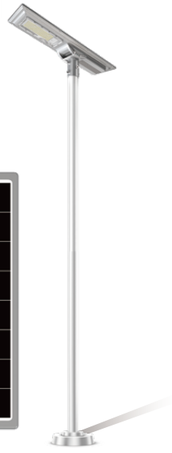
Product Size (Unit：mm)





- Material: Galvanized Steel Sheet
- High-strength, impact-resistant

Multi angles can be adjustable, easy to install.



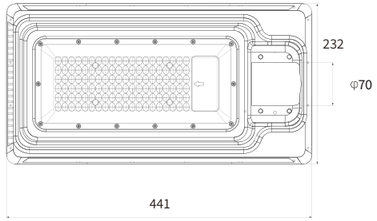
ALL IN ONE SOLAR STREET LIGHT

BCT-OLF-20W

Product Parameters

Solar Panel	5V/20W (Mono)
Battery	3.2V/25Ah $LiFePO_4$ Battery
Light Power	1620 lm (Common 15W LED)
Installation Height	3-5m
Installation Distance	15-20m
Installation Way	Straight pole installation
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit：mm)



- Automobile-grade High-Strength ABS material
  Impact-resistant, high-tenacity and high corrosion-resistant

ALL IN ONE SOLAR STREET LIGHT

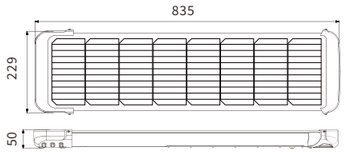
BCT-OLF-25W/BCT-OLF-15W

Product Parameters

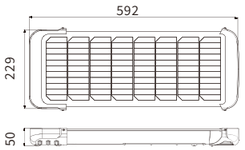
	BCT-OLF-25W	BCT-OLF-15W
Solar Panel	5V/25W (Mono)	5V/15W (Mono)
Battery	3.2V/20Ah $LiFePO_4$ Battery	3.2V/10Ah $LiFePO_4$ Battery
Light Power	1260 lm	630 lm
Installation Height	3-5m	3-5m
Installation Distance	15-20m	15-20m
Installation Way	Straight pole installation	Straight pole installation
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

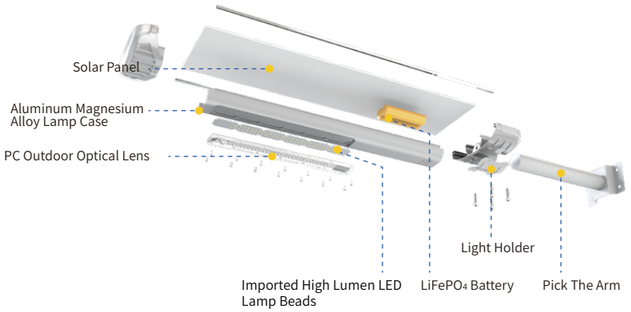
Product Size (Unit：mm)

BCT-OLF-25W



BCT-OLF-15W





SOLAR STREET LIGHT

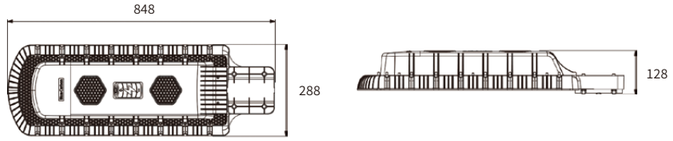
SOLAR KING LIGHT 3.0

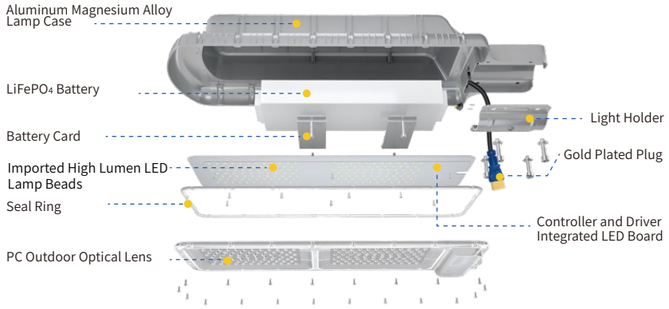
BCT-OLK3.0

Product Parameters

Solar Panel	5V/160W (Mono)	5V/180W (Mono)
Battery	3.2V/160 (±5)Ah $LiFePO_4$ Battery	3.2V/200 (±5)Ah $LiFePO_4$ Battery
Light Power	8400 lm(Common 80W LED)	14000 lm(Common 120W LED)
Installation Height	8-10m	10-12m
Installation Distance	35-45m	35-45m
Installation Way	Straight pole installation, holding pole installation, wall mounted installation; the angle of solar panel is adjustable.	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)





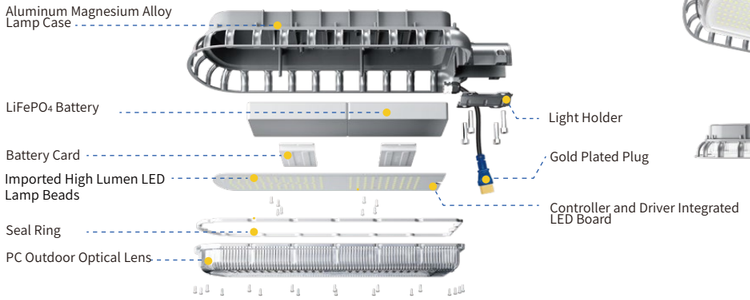
SOLAR KING LIGHT 2.0

BCT-OLK2.0

Product Parameters

Solar Panel	5V/90W (Mono)	5V/105W (Mono)
Battery	3.2V/70 (±5)Ah $LiFePO_4$ Battery	3.2V/90(±5)Ah $LiFePO_4$ Battery
Light Power	3600 lm(Common 36W LED)	5800 lm(Common 56W LED)
Installation Height	6-7m	8-10m
Installation Distance	25-35m	35-45m
Installation Way	Straight pole installation, holding pole installation, wall mounted installation; the angle of solar panel is adjustable.	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

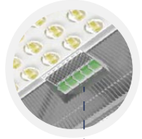
Product Size (Unit：mm)



SOLAR GRAIN LIGHT
BCT-SLG2.0

Product Parameters

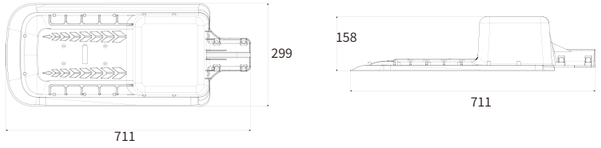
Solar Panel	5V/105W (Mono)	5V/135W (Mono)	5V/160W (Mono)
Battery	3.2V/70(±5)Ah LiFePO₄ Battery	3.2V/140(±5)Ah LiFePO₄ Battery	3.2V/200(±5)Ah LiFePO₄ Battery
Light Power	4500 lm (Common 50W LED)	7000 lm (Common 70W LED)	9000 lm (Common 100W LED)
Installation Height	8-10m	8-10m	10-12m
Installation Distance	35-45m	40-50m	40-50m
Installation Way	Straight pole installation, holding pole installation, wall mounted installation; the angle of solar panel is adjustable.		
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.		

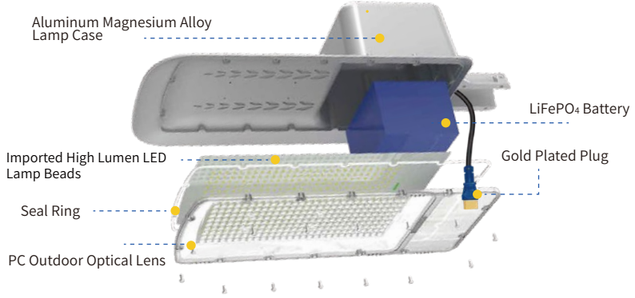


Charging Indicator

1. Intuitive charging progress display
2. Well understand the charging status
3. Avoid over charging and over discharging

Product Size (Unit：mm)



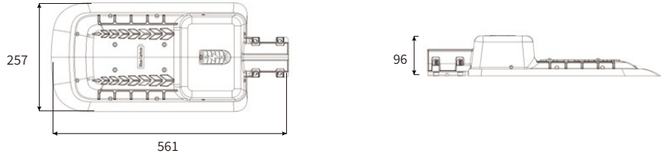


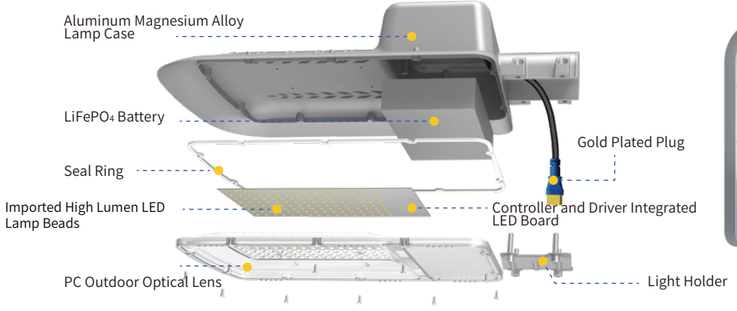
SOLAR GRAIN LIGHT
BCT-SLG1.0

Product Parameters

Solar Panel	5V/60W (Mono)	5V/90W (Mono)
Battery	3.2V/45(±5)Ah LiFePO₄ Battery	3.2V/45(±5)Ah LiFePO₄ Battery
Light Power	3000 lm(Common 30W LED)	3000 lm(Common 30W LED)
Installation Height	5.5-6m	6-7m
Installation Distance	20-25m	20-25m
Installation Way	Straight pole installation, holding pole installation, wall mounted installation; the angle of solar panel is adjustable.	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)





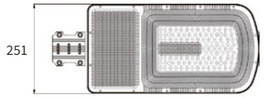
SOLAR CROSSBOW LIGHT

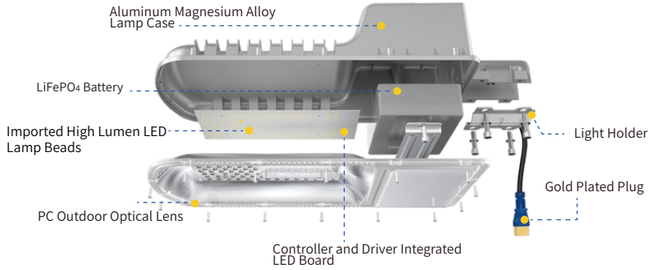
BCT-OLC1.0

Product Parameters

Solar Panel	5V70W (Mono)	5V/90W (Mono)	5V/105W (Mono)
Battery	3.2V/50 (±5)Ah LiFePO₄ Battery	3.2V/50 (±5)Ah LiFePO₄ Battery	3.2V/70 (±5)Ah LiFePO₄ Battery
Light Source	3200 lm (Common 30W LED)	3200 lm (Common 30W LED)	5400 lm (Common 50W LED)
Installation Height	5.5-6m	6-7m	8-9m
Installation Distance	25-30m	30-35m	35-40m
Installation Way	Straight pole installation, holding pole installation, wall mounted installation; the angle of solar panel is adjustable.		
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.		

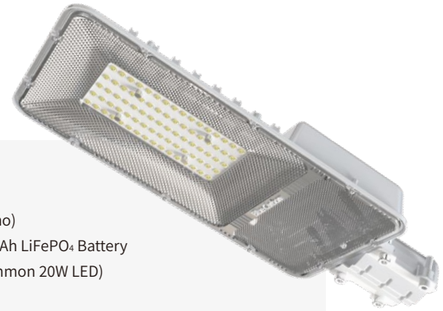
Product Size (Unit：mm)





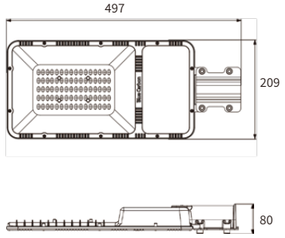
SOLAR SIMPLIFY LIGHT

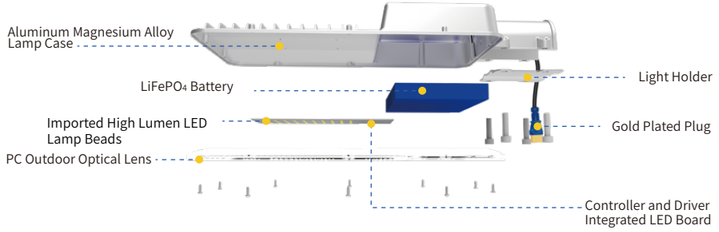
BCT-OLJP



Product Parameters

Solar Panel	5V/60W (Mono)	5V/70W (Mono)
Battery	3.2V/40 (±5)Ah LiFePO₄ Battery	3.2V/40 (±5)Ah LiFePO₄ Battery
Light Power	2100 lm (Common 20W LED)	2100lm (Common 20W LED)
Installation Height	5-6m	5-6m
Installation Distance	20-30m	20-30m
Installation Way	Straight pole installation, holding pole installation, wall mounted installation; the angle of solar panel is adjustable.	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	





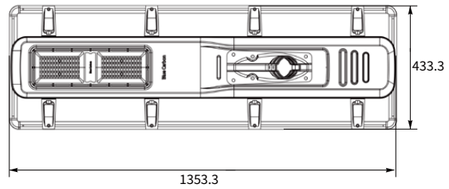
ALL IN ONE SOLAR STREET LIGHT

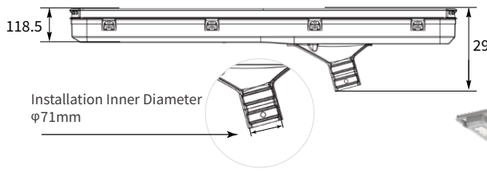
BCT-OLF2.0-110W

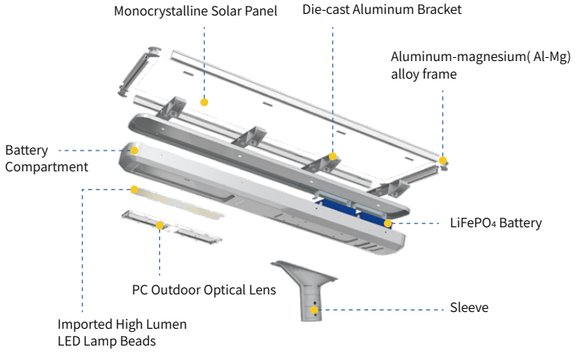
Product Parameters

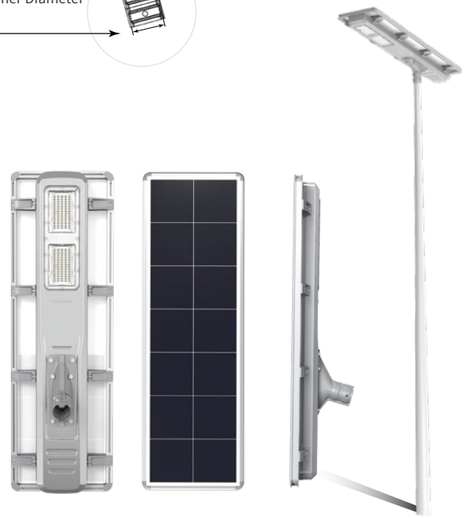
Solar Panel	110W (Mono)	110W (Mono)
Battery	3.2V/140 (±5)Ah $LiFePO_4$ Battery	3.2V/200 (±5)Ah $LiFePO_4$ Battery
Light Power	8400 lm	10000 lm
Installation Height	7-9m	8-10m
Installation Distance	35-45m	35-45m
Installation Way	Straight pole installation	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)









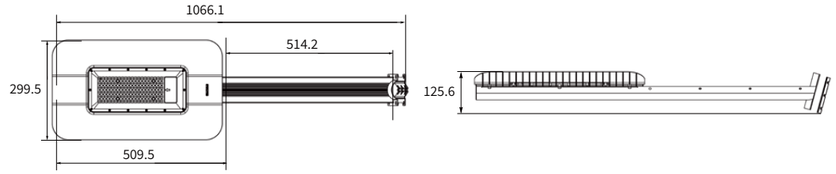
SOLAR PURE PRECIOUS LIGHT PRO

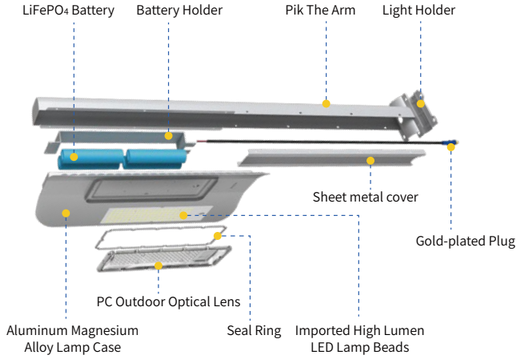
BCT-OPP4.0

Product Parameters

Solar Panel	50W(Mono)	60W(Mono)	90W(Mono)
Battery	3.2V/24Ah $LiFePO_4$ Battery	3.2V/48(±5)Ah $LiFePO_4$ Battery	3.2V/48(±5)Ahh $LiFePO_4$ Battery
Light Power	3200 lm	3600 lm	3800 lm
Installation Height	5.5-6m	6-7m	8-10m
Installation Distance	25-30m	30-35m	35-40m
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode		

Product Size (Unit：mm)





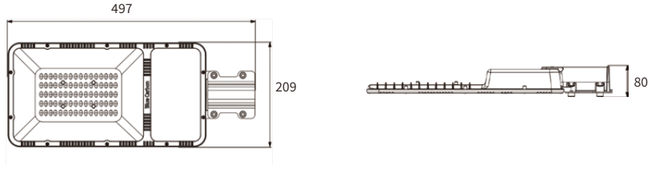
SOLAR MINI SIMPLIFY LIGHT

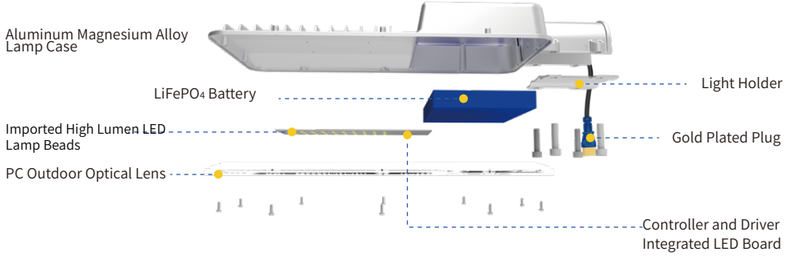
BCT-OLMJ

Product Parameters

Solar Panel	5V/25W(Mono)
Battery	3.2V/20Ah $LiFePO_4$ Battery
Light Power	1900 lm (Common 20W LED)
Installation Height	4.5-5m
Installation Distance	15-20m
Installation Way	Holding pole installation, wall mounted installation; the angle of solar panel is adjustable
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode

Product Size (Unit：mm)





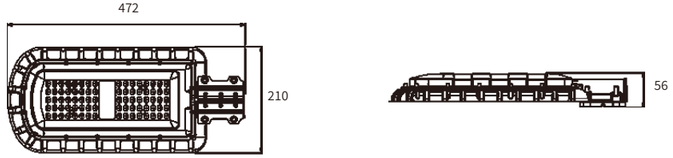
SOLAR MINI KING LIGHT 1.0

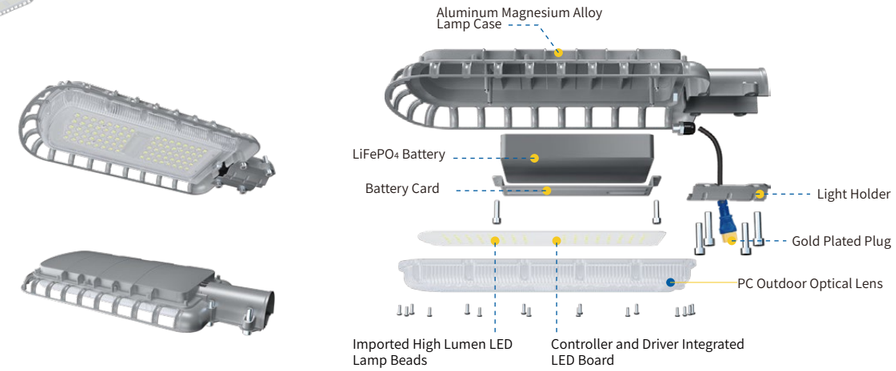
BCT-OLK1.0-M

Product Parameters

Solar Panel	5V/25W(Mono)
Battery	3.2V/25Ah $LiFePO_4$ Battery
Light Power	2200 lm (Common 20W LED)
Installation Height	4.5-5m
Installation Distance	15-20m
Installation Way	Holding pole installation, wall mounted installation; the angle of solar panel is adjustable
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode

Product Size (Unit：mm)





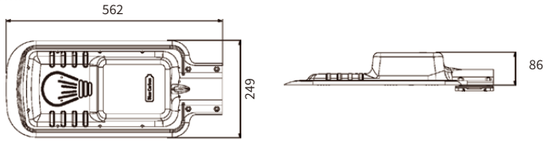
SOLAR SIMPLE LIGHT

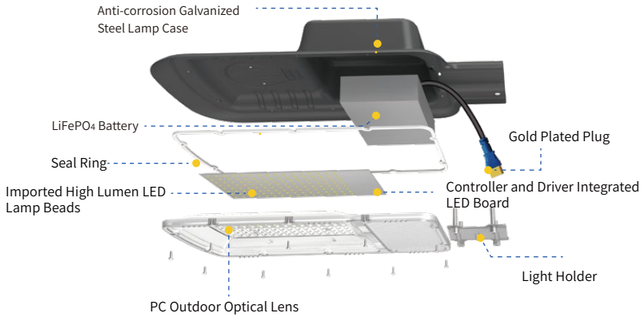
BCT-OLS1.0

Product Parameters

Solar Panel	5V/45W(Mono)	5V/30W(Mono)
Battery	3.2V/25Ah $LiFePO_4$ Battery	3.2V/25Ah $LiFePO_4$ Battery
Light Power	3000 lm (Common 30W LED)	3000 lm (Common 30W LED)
Installation Height	4.5-5m	4.5-5m
Installation Distance	15-20m	15-20m
Installation Way	Holding pole installation, wall mounted installation; the angle of solar panel is adjustable	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode	

Product Size (Unit：mm)





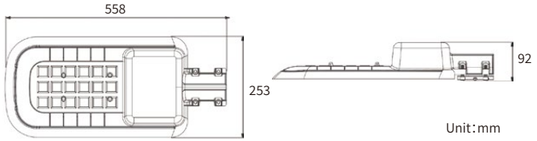
SOLAR CHOC LIGHT

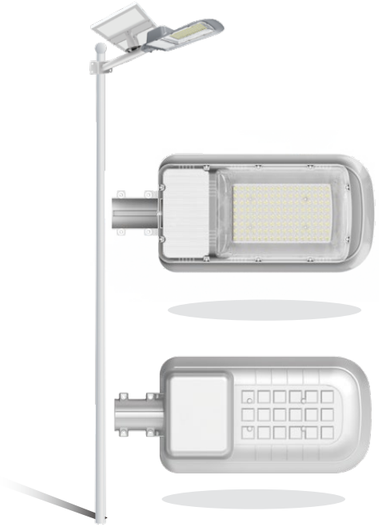
BCT-SLC1.0

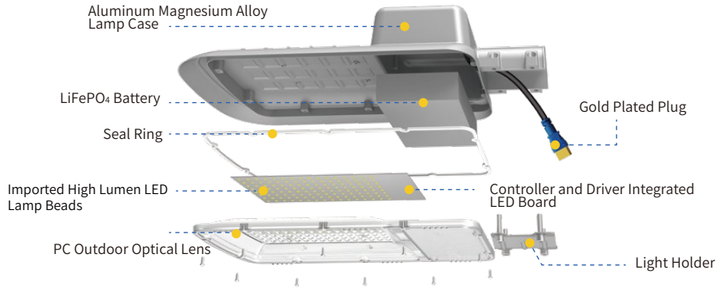
Product Parameters

Solar Panel	5V/60W(Mono)
Battery	3.2V/25Ah $LiFePO_4$ Battery
Light Power	2300 lm (Common 30W LED)
Installation Height	4.5-5m
Installation Distance	15-20m
Installation Way	Holding pole installation, wall mounted installation; the angle of solar panel is adjustable
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode

Product Size (Unit：mm)







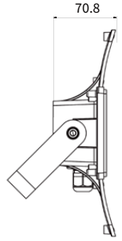
SOLAR FLOOD LIGHT

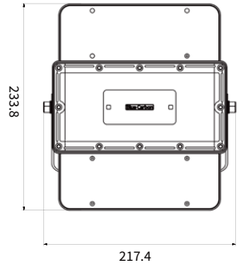
BCT-FLRX1.0/2.0

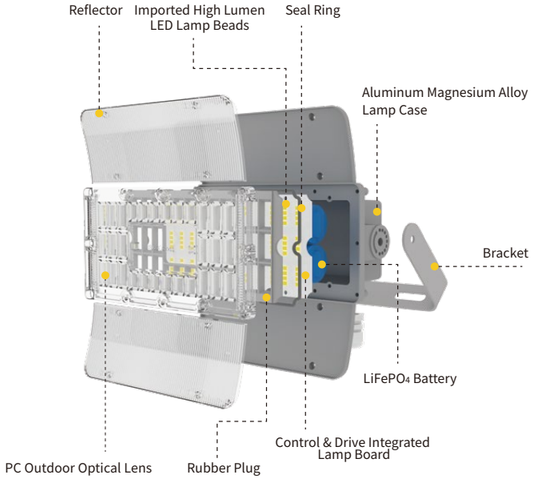
Product Parameters

	BCT-FLRX1.0	BCT-FLRX2.0
Solar Panel	18W (Mono)	35W (Mono)
Battery	3.2V/12Ah $LiFePO_4$ Battery	3.2V/24Ah $LiFePO_4$ Battery
Light Power	1200 lm	2000 lm
Installation Way	Install on the ground, pole, billboard, post or wall	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)







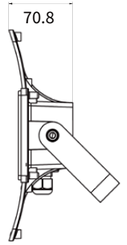
SOLAR FLOOD LIGHT

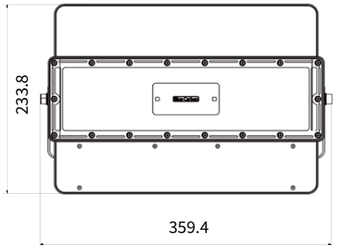
BCT-FLRX3.0/4.0

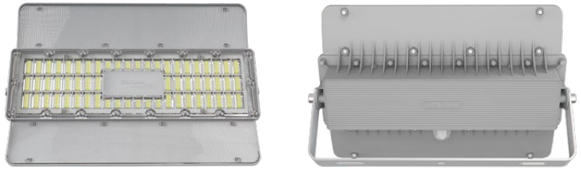
Product Parameters

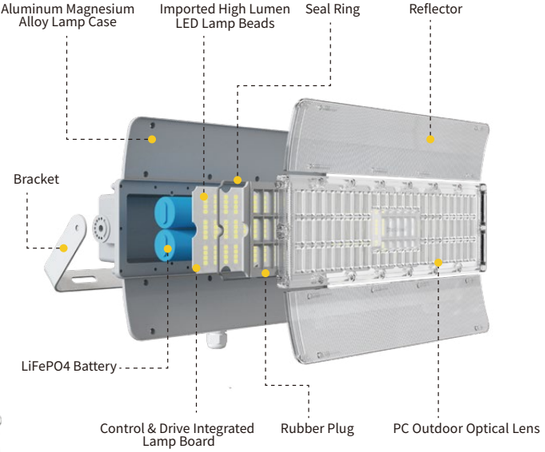
	BCT-FLRX3.0	BCT-FLRX4.0
Solar Panel	45W (Mono)	60W (Mono)
Battery	3.2V/36Ah $LiFePO_4$ Battery	3.2V/48(±5)Ah $LiFePO_4$ Battery
Light Power	3200 lm	3800 lm
Installation Way	Install on the ground, pole, billboard, post or wall	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)









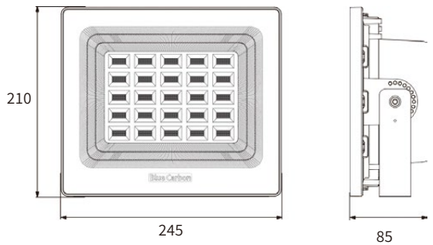
WAWA LIGHT3.0/4.0

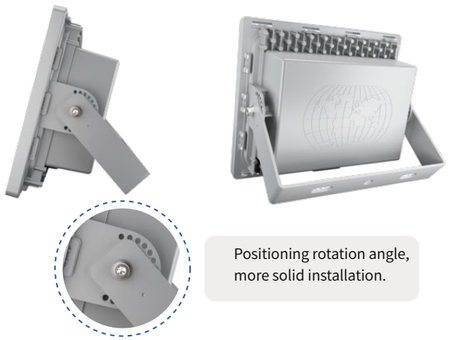
BCT-WW3.0/4.0

Product Parameters

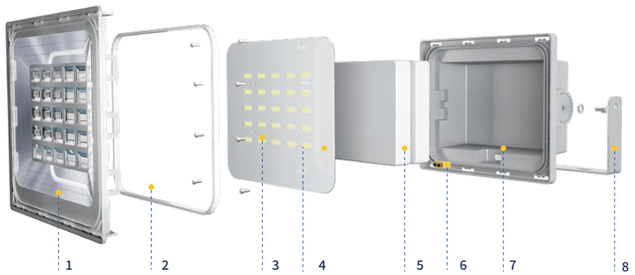
	BCT-WW3.0	BCT-WW4.0
Solar Panel	5V/40W (Mono)	5V/65W (Mono)
Battery	3.2V/25Ah $LiFePO_4$ Battery	3.2V/45(±5)Ah $LiFePO_4$ Battery
Light Power	1600 lm	2200 lm
Installation Way	Install on the ground, pole, billboard, post or wall	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)





Positioning rotation angle, more solid installation.



1、PC Outdoor Optical Lens

2、Waterproof Ring

3、Imported High Lumen LED Lamp Beads

4、Control & Drive Integrated Lamp Board

5、$LiFePO_4$ Battery

6、Gold Plated Plug

7、Aluminum Magnesium Alloy Lamp Case

8、Bracket

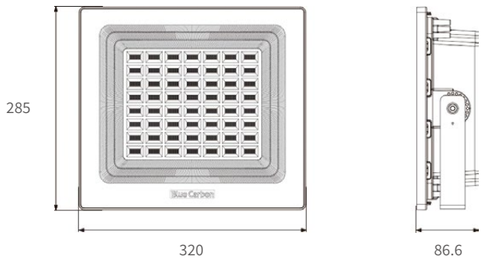
WAWA LIGHT5.0/6.0

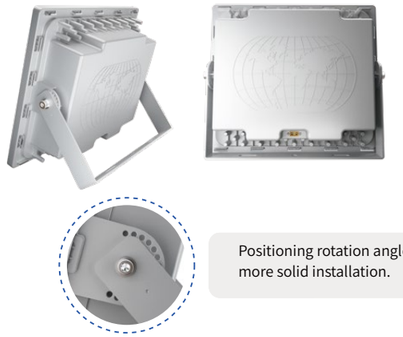
BCT-WW5.0/6.0

Product Parameters

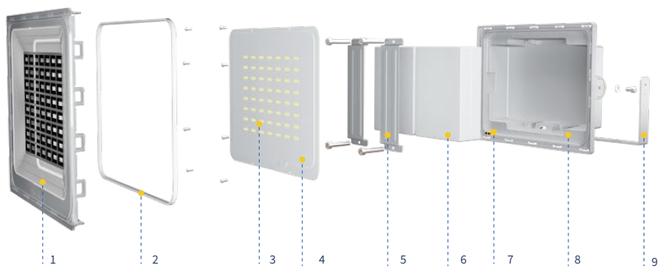
	BCT-WW5.0	BCT-WW6.0
Solar Panel	5V/90W (Mono)	5V/105W (Mono)
Battery	3.2V/60(±5)Ah $LiFePO_4$ Battery	3.2V/80(±5)Ah $LiFePO_4$ Battery
Light Power	3500 lm	5600 lm
Installation Way	Install on the ground, pole, billboard, post or wall	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)





Positioning rotation angle, more solid installation.



1、PC Outdoor Optical Lens

2、Waterproof Ring

3、Imported High Lumen LED Lamp Beads

4、Control & Drive Integrated Lamp Board

5、Battery Card

6、$LiFePO_4$ Battery

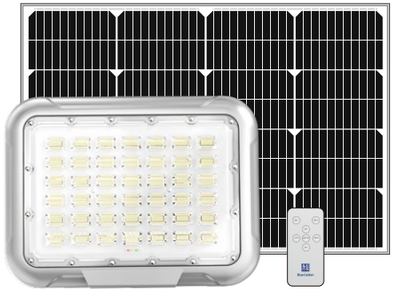
7、Gold Plated Plug

8、Aluminum Magnesium Alloy Lamp Case

9、Bracket

SOLAR FLOOD LIGHT

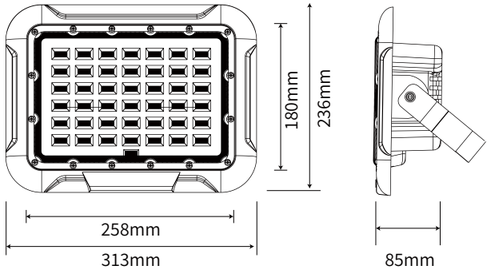
BCT-SFL1.0/2.0

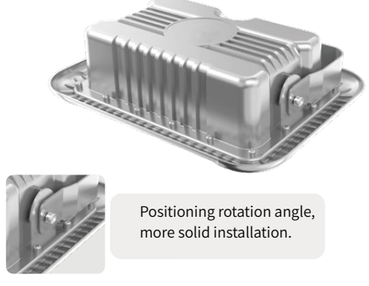


Product Parameters

	BCT-SFL1.0	BCT-SFL2.0
Solar Panel	5V/50W (Mono)	5V/70W (Mono)
Battery	3.2V/25(±5)Ah $LiFePO_4$ Battery	3.2V/45(±5)Ah $LiFePO_4$ Battery
Light Power	1500 lm	3200 lm
Installation Way	Install on the ground, pole, billboard, post or wall	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)





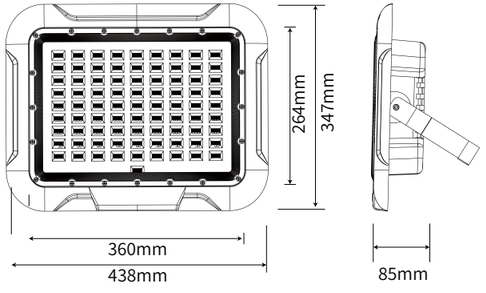
SOLAR FLOOD LIGHT

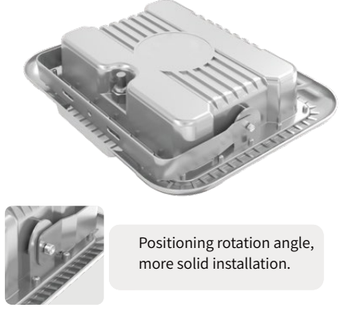
BCT-SFL3.0/4.0

Product Parameters

	BCT-SFL3.0	BCT-SFL4.0
Solar Panel	5V/90W (Mono)	5V/105W (Mono)
Battery	3.2V/60(±5)Ah $LiFePO_4$ Battery	3.2V/80(±5)Ah $LiFePO_4$ Battery
Light Power	4200 lm	5800 lm
Installation Way	Install on the ground, pole, billboard, post or wall	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)





SOLAR FLOOD LIGHT

BCT-WR1.0

Product Parameters

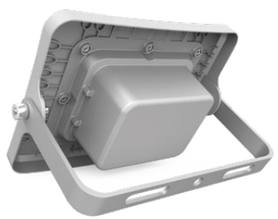
Solar Panel	5V/20W (Mono)
Battery	3.2V/10Ah LiFePO$_4$ Battery
Light Power	800 lm

Lighting Time:

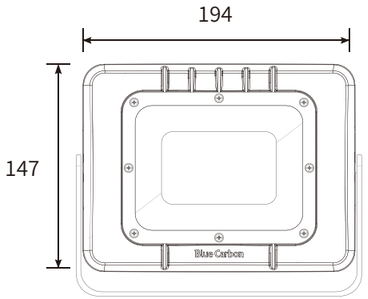
6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

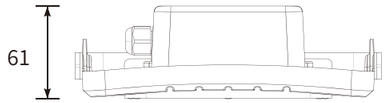
Installation Way:

Install on the ground, pole, billboard, post or wall.



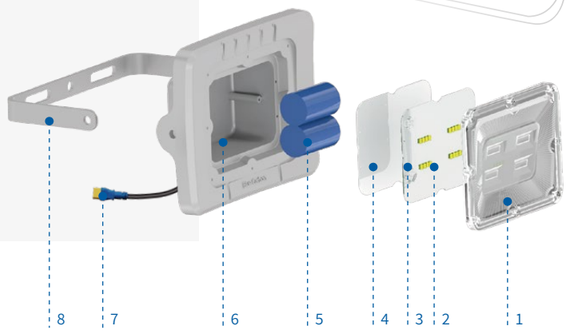
Product Size (Unit：mm)





Product Details

1、PC Outdoor Optical Lens
2、Imported High Lumen LED Lamp Beads
3、Control & Drive Integrated Lamp Board
4、Radiating Plate
5、LiFePO4 Battery
6、Aluminum Magnesium Alloy Lamp Case
7、Gold Plated Plug
8、Bracket



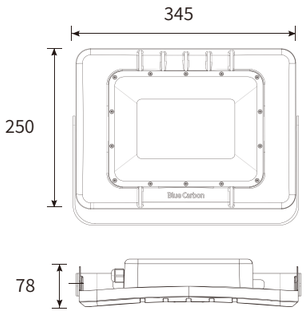
SOLAR FLOOD LIGHT

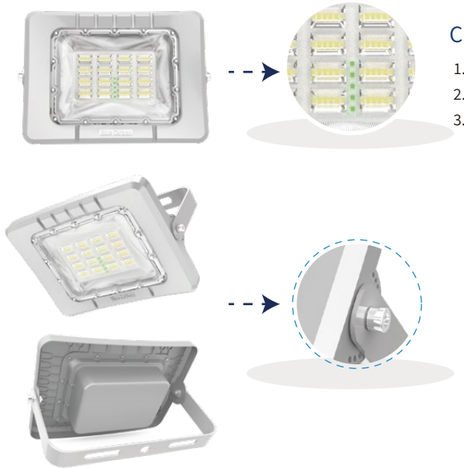
BCT-WR2.0/3.0/4.0

Product Parameters

	BCT-WR2.0	BCT-WR3.0	BCT-WR4.0
Solar Panel	5V/30W (Mono)	5V/45W (Mono)	5V/50W (Mono)
Battery	3.2V/20Ah LiFePO₄ Battery	3.2V/30(±5)Ah LiFePO₄ Battery	3.2V/40(±5)Ah LiFePO₄ Battery
Light Power	1200 lm	2100 lm	3000 lm
Installation Way	Install on the ground, pole, billboard, post or wall		
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.		

Product Size (Unit：mm)





Charging indicator

1.Intuitive display of charging progress
2.Clear understanding of charging status
3.Prevents overcharging and over-discharging

Firmerinstallation with positionable rotation angle.

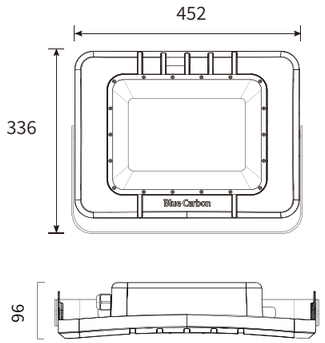
SOLAR FLOOD LIGHT

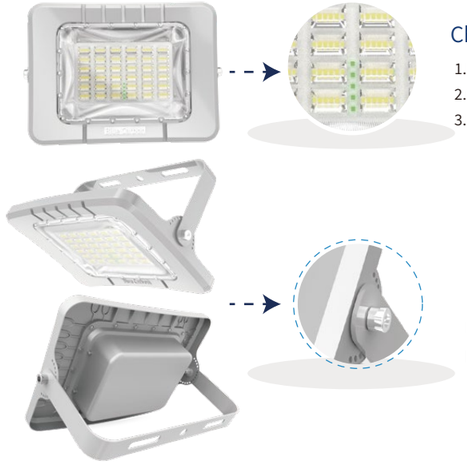
BCT-WR5.0/6.0

Product Parameters

	BCT-WR5.0	BCT-WR6.0
Solar Panel(Mono)	5V/65W (Mono)	5V/70W (Mono)
Battery	3.2V/50(±5)Ah LiFePO₄ Battery	3.2V/60(±5)Ah LiFePO₄ Battery
Light Power	3600 lm	4200 lm
Installation Way	Install on the ground, pole, billboard, post or wall	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	

Product Size (Unit：mm)





Charging indicator

1.Intuitive display of charging progress
2.Clear understanding of charging status
3.Prevents overcharging and over-discharging

Firmerinstallation with positionable rotation angle.

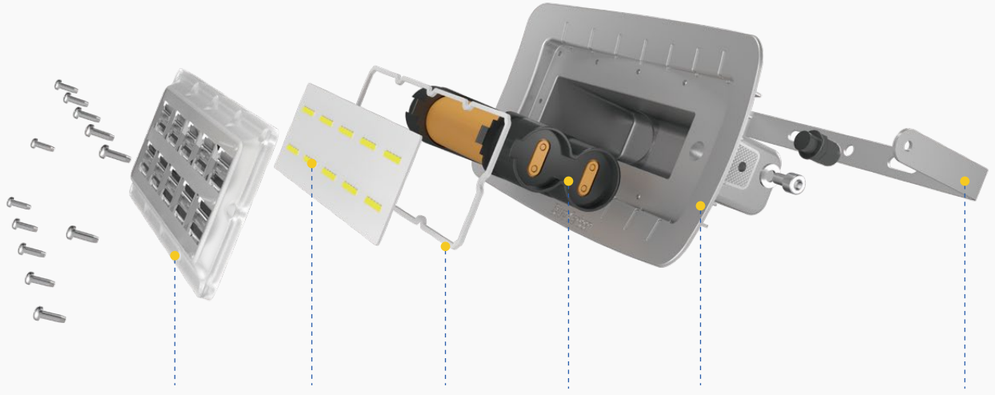
RADAR FLOOD LIGHT PLUS1.0/2.0

BCT-FLRP1.0/2.0

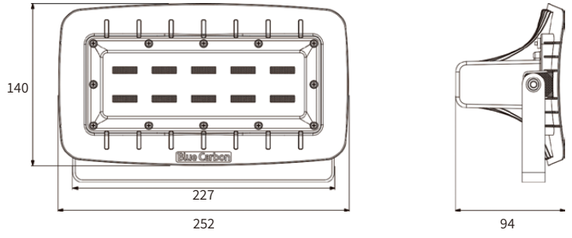
Widely applied to home lighting and public spaces——including streets and roads, residential areas, scenic spots, parks, squares, and private gardens——it is also ideal for billboard night lighting and construction site outdoor lighting. What's more, it offers easy installation, energy savings, zero electricity fees, and an extended service life.

Product Parameters

	BCT-FLRP1.0	BCT-FLRP2.0
Solar Panel	5V/18W (Mono)	5V/65W (Mono)
Battery	3.2V/15Ah $LiFePO_4$ Battery	3.2V/30(±5)Ah $LiFePO_4$ Battery
Light Power	800 lm	1800 lm
Installation Way	Install on the ground, pole, billboard, post or wall	
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	



Product Size (Unit：mm)



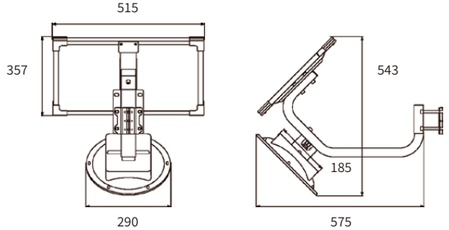
SOLAR GARDEN LIGHT SERIES

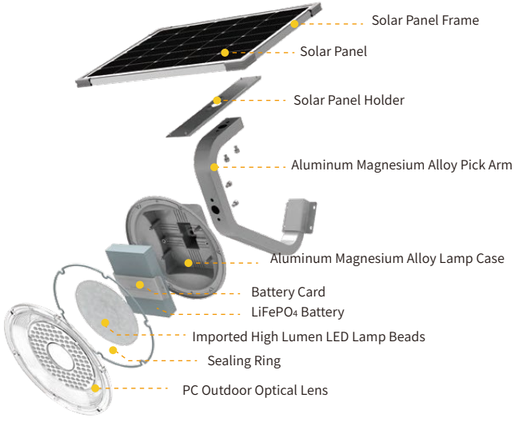
SOLAR GARDEN LIGHT
BCT-OLG3.0

Product Parameters

Solar Panel	5V/35W (Mono)
Battery	3.2V/25Ah $LiFePO_4$ Battery
Light Power	2000 lm (Common 20W LED)
Installation Height	3-5m
Installation Distance	15-20m
Installation Way	Holding pole installation，wall mounted installation
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.

Product Size (Unit：mm)



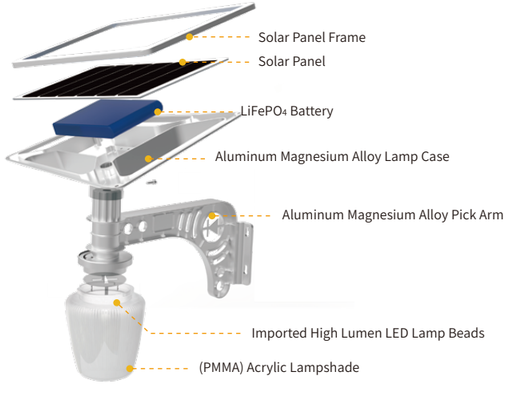


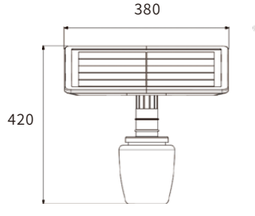
SOLAR APPLE LIGHT
BCT-OLA1.0S

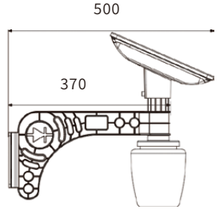
Product Parameters

Solar Panel	5V/18W (Mono)
Battery	3.2V/13Ah $LiFePO_4$ Battery
Light Power	450 lm (Common 7W LED)
Installation Height	2.5-3.5m
Installation Distance	10-15m
Installation Way	Holding pole installation，wall mounted installation
Lighting Time	6+X/Intelligent power control, and can use remote control toadjust brightness and working mode.

Product Size (Unit：mm)







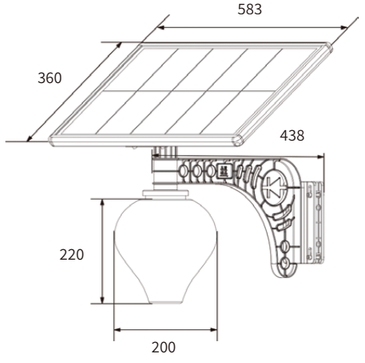
SOLAR PEACH LIGHT

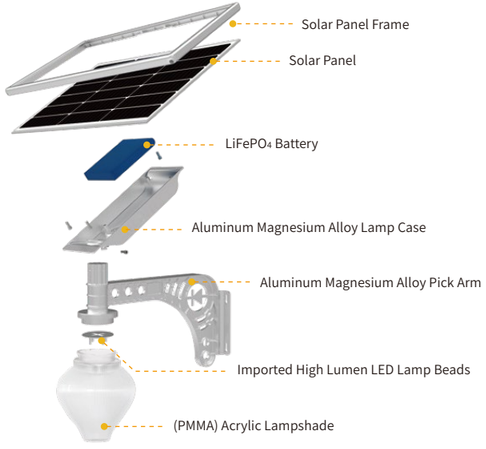
BCT-OLP1.0

Product Parameters

Solar Panel	5V/40W (Mono)
Battery	3.2V/26(±5)Ah $LiFePO_4$ Battery
Light Power	880 lm (Common 15W LED)
Installation Height	3-4m
Installation Distance	15-20m
Installation Way	Holding pole installation，wall mounted installation
Lighting Time	6+X/Intelligent power control, and can use remote control toadjust brightness and working mode.

Product Size (Unit：mm)

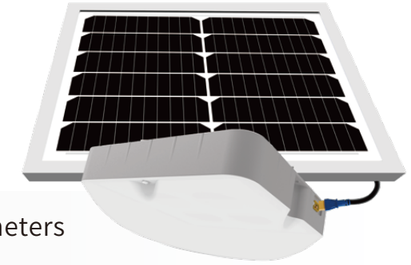




SOLAR INDOOR LIGHTS

SOLAR CEILING LIGHT

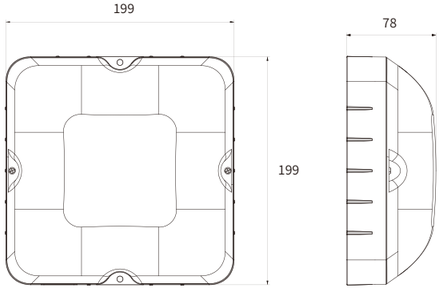
BCT-SCL1.0

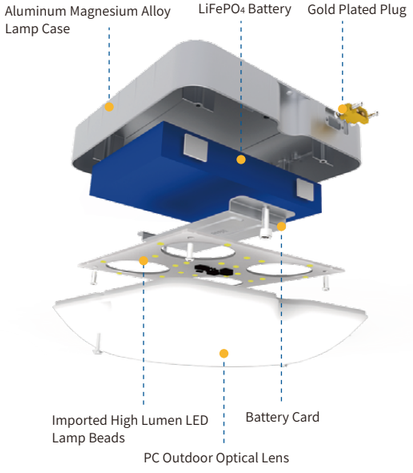


Product Parameters

Solar Panel	5V/25W (Mono)
Battery	3.2V/25Ah $LiFePO_4$ Battery
Light Power	1080 lm (Common 15W LED)
Color Temperature	6500k
Chromogenic Index	>70
Applicable Area	15-20m²
Lighting Time	The first 4 hrs full power lighting, the rest night lighting is intelligent power control.

Product Size (Unit：mm)





KIRORAN BCT-KL1.0

Never power off, never use electricity

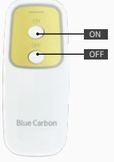
Product Parameters

1 One panel with one light

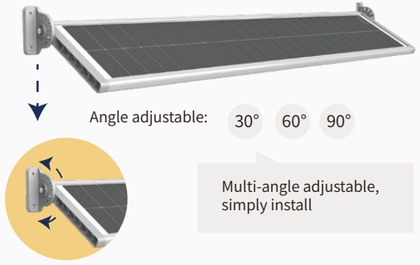
Battery Capacity	99Wh
Solar Panel	45W
Power	24W (Remote control adjustable：8W/2.7W)
Color temperature	4000k

Three types of lighting brightness are adjustable, 2.7W, 8W, and 24W.

Can be used with AC 85V-265V voltage.

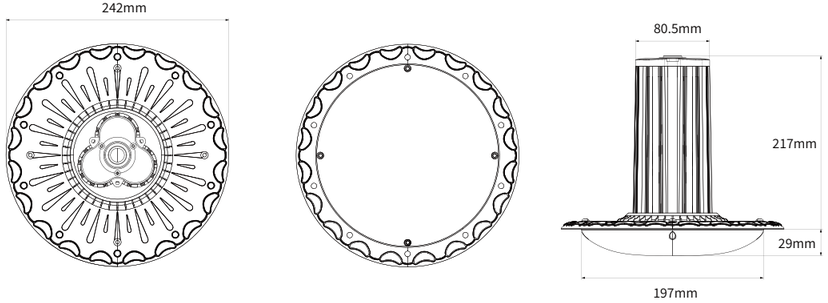


Remote control adjustable



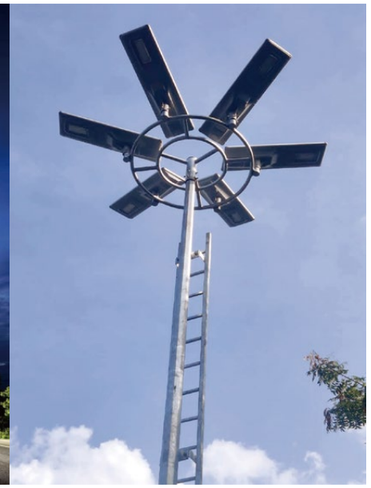
Multi-angle adjustable, simply install

Product Size (Unit：mm)



PRODUCT INSTALLATION CASE

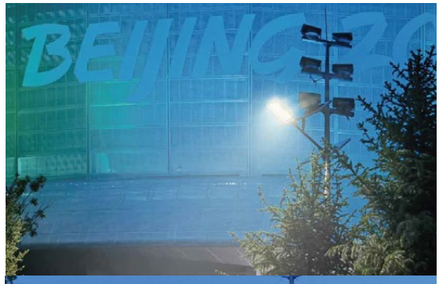
All in One Solar Street Light

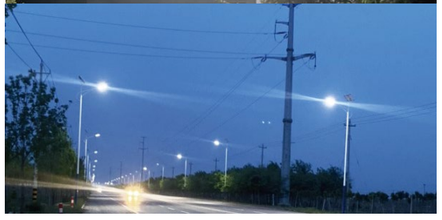


Municipal Street Light

King Light 3.0

King Light 3.0

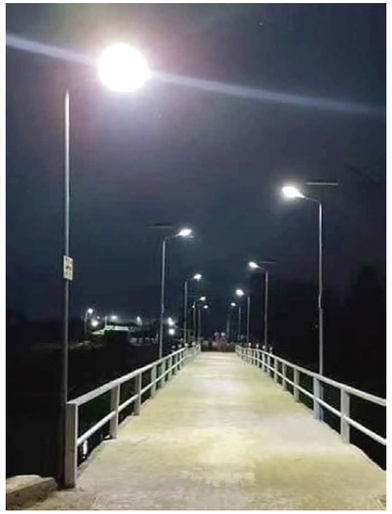




King Light 2.0

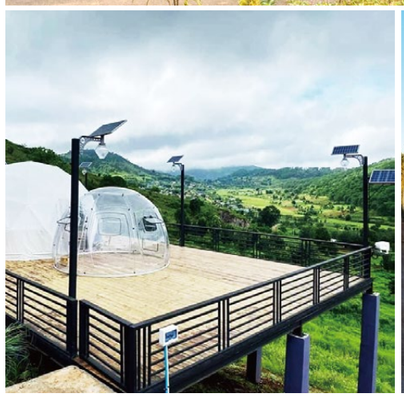
Crossbow Light

Simplify Light



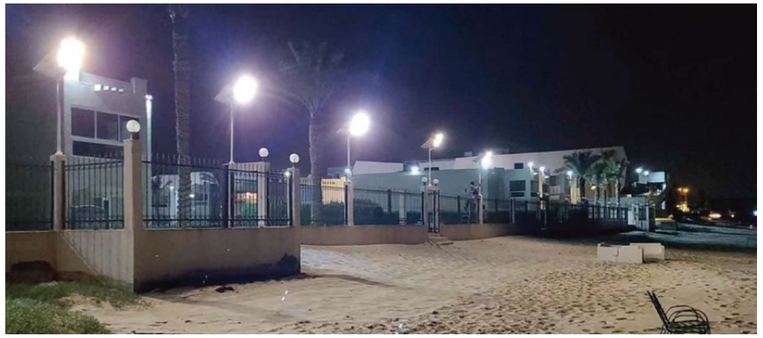
Solar Garden Light

Solar Apple Light



Solar Peach Light

Solar Flood Light



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