



Blue Carbon
蓝晶易碳



Solar Flat Light

- Original patent design, independent mould.
- All night lighting. The light never be off no matter how many rainy or cloudy days.
- The light can be installed from Equator area to Polar regions. The working temperature is -47-70°C.
- Integrated design, modular production.
- Low voltage design, safe and Reliable.
- Integrated package, convenient transportation.
- With LiFePO₄ battery which usually apply for electric bus.
- With PC outdoor optical lens. High light transmittance, high temperature resistance and aging resistance.
- With high efficiency LED, with 50000 hrs life span.

Blue Carbon, lighting up the way home.

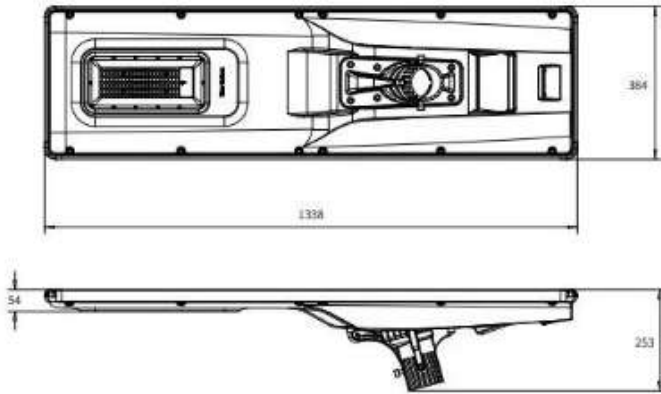
Product Parameters

Model	BCT-OLF-100W
Solar Panel(Mono-crystalline)	100W
Battery(Built-in)	3.2V/200Ah LiFePO ₄ Battery
Luminous Flux	8000lm(Common 80W LED)
Lighting Time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.
Installation Height	8-10m
Installation Distance	40-50m
Color Temperature	3000-6500k
Light Pole Diameter	70-144mm
Solar Panel Charging Time(Sun)	8 hours
Solar Panel Charging Time(Rain)	3-5 days
Working Time	≥12 hours
Storage Temperature	0-55°C
Working Humidity	≤90RH%
Waterproof Grade	Ip65
Product size	1338×384×253mm



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Product Specifications



Unit: mm



LiFePO₄ Battery



PC Outdoor Optical Lens



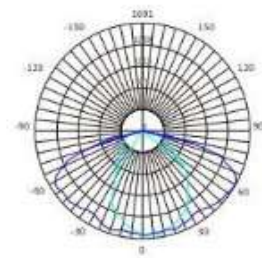
High Lumen LED SMD



Grade A+ Solar Cell

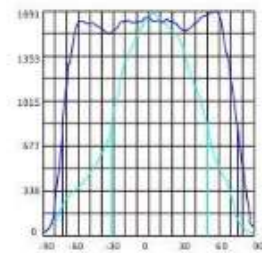
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Light Distribution Curve



Radiation intensity unit: cd
 — C0/180 81.2
 — C90/270 148.5

Main luminous angle: 114.8°



Light intensity: cd
 — C0/180 81.2
 — C90/270 148.5



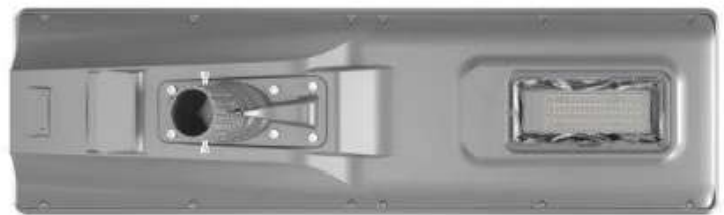
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Product Exhibition



- ON key: turn on
- OFF key: turn off
- AUTO key: Reset, 6+X overnight lighting mode
- 6H key: lights off after 6 hours
- 8H key: lights off after 8 hours
- 85% key: reduce 15% power
- 70% key: reduce 30% power





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Applicable Place & Installation Case

It is widely used in streets and roads, residential areas, scenic spots, parks, squares, private gardens and other public places.





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Solar Street Light

Integrated Solar Street Light

Solar Flat Light

