

LED Solar Landscape Light



Solar energy is a green, renewable, and clean energy source that is pollution-free, noiseless, inexhaustible, and inexhaustible. When the solar panel receives sunlight, it can generate photoelectric effect to produce electricity, and the controller will store the electricity in the battery. The discharge of the battery at night will light up the LED light source, which is used for night lighting. It is a one-time investment with long-term returns.



Features

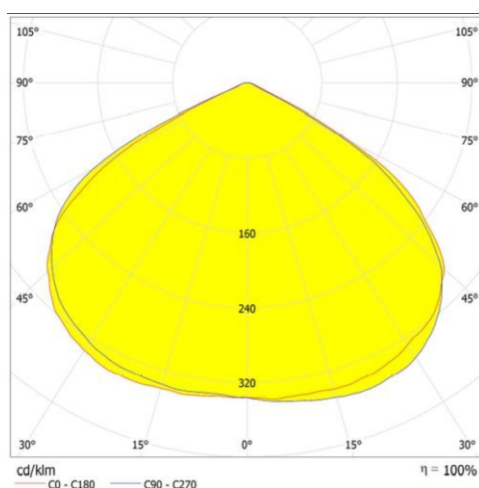
1. The company's patented product adopts the integrated design of A-type Sanyuanli battery pack and lamp body controller.
2. Fully automatic intelligent light control, time control, remote control function, charging during the day and automatically lighting at night.
3. It adopts one-piece aluminum casing, imported high-efficiency light source, full power solar panel, anti-corrosion, waterproof and lightning protection.
4. This product is designed specifically for outdoor lighting and is easy to install. Powered by solar energy and installed on poles.
5. Suitable for Plaza, Villa, street lights, rural roads, park lights, courtyard lighting, channel lighting, farms, etc.
6. This product solar panel energy efficiency conversion rate of 18% or more, normal sunshine charging more than 8 hours, can supply 3-4 rainy days. Evening (12 hours per night). High temperature resistance 80 degrees, low temperature resistance minus 20 degrees.



DATA SHEET

Power	15W
Model	BB-SLD-15W-AR-E2
Solar Panel Max Power	5V/30W
Battery Capacity	3.2V/42AH
Mounting Height	5-6m
Space Bettwen Light	13-18m
Dimension(mm)	L465*W465*H675
Sensor	Default : Sensor&Time Controller Together
Controller	PWM Controller , MPPT Controller Optional
Battery	LiFePO4 Battery
Discharge Time	More Than 10-12Hours
Charge Time	6-7Hours(With Enough Strong Shine)
Solar Cell	High Efficiency Imported Silicon Solar Cell
Light Source	SMD LED
Operation Temp	Charge Temperature:-10°C to + 45°C; Discharge Temperature: -20°C to + 45°C
Optional	Charge Temperature:-20°C to + 45°C; Discharge Temperature: -40°C to + 45°C
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW
Life Span	30,000 Hours
IP	IP 65
Beam Angle	120°
Warranty	3 Years
Other	Mains complementary solar energy is availabe,pls contact sales for this function price

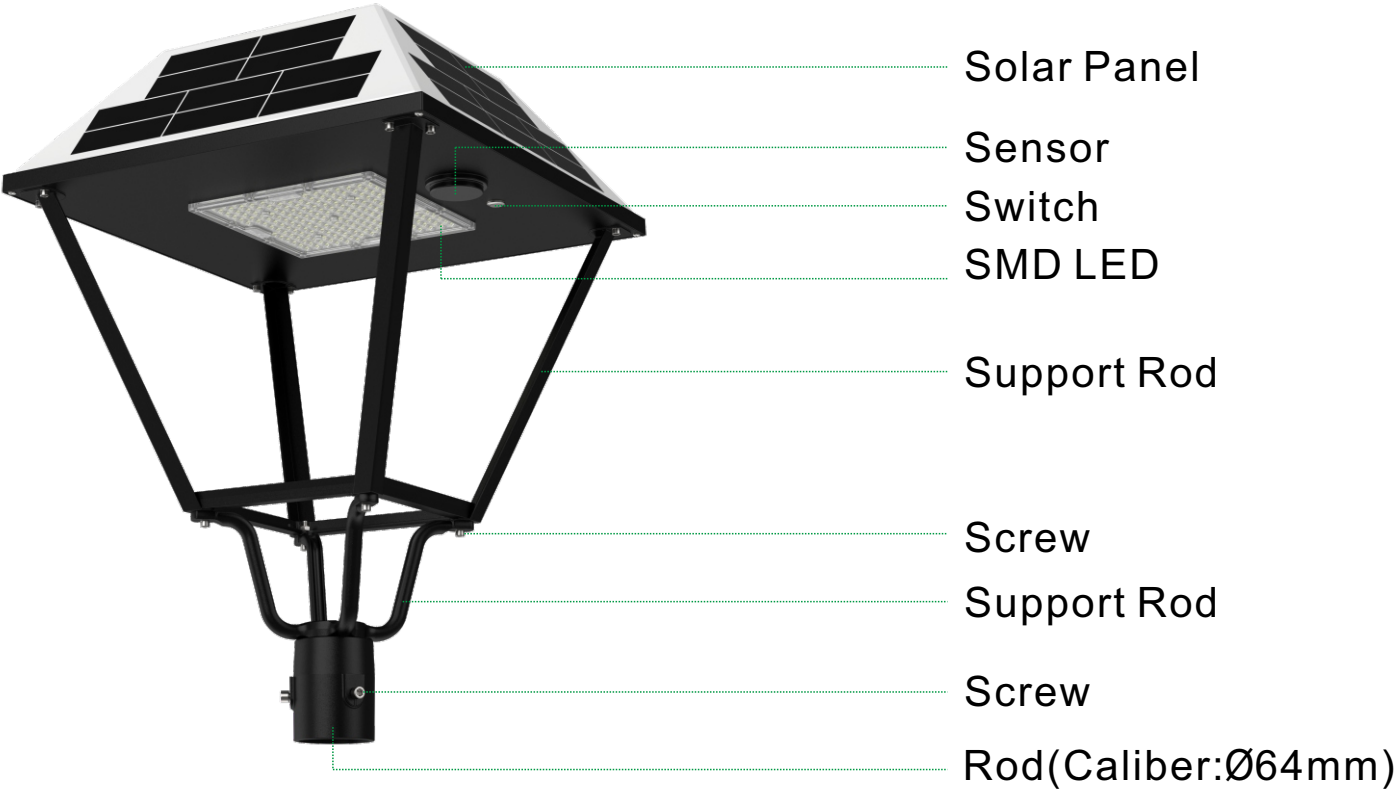
Surface Of Intensity Distribution



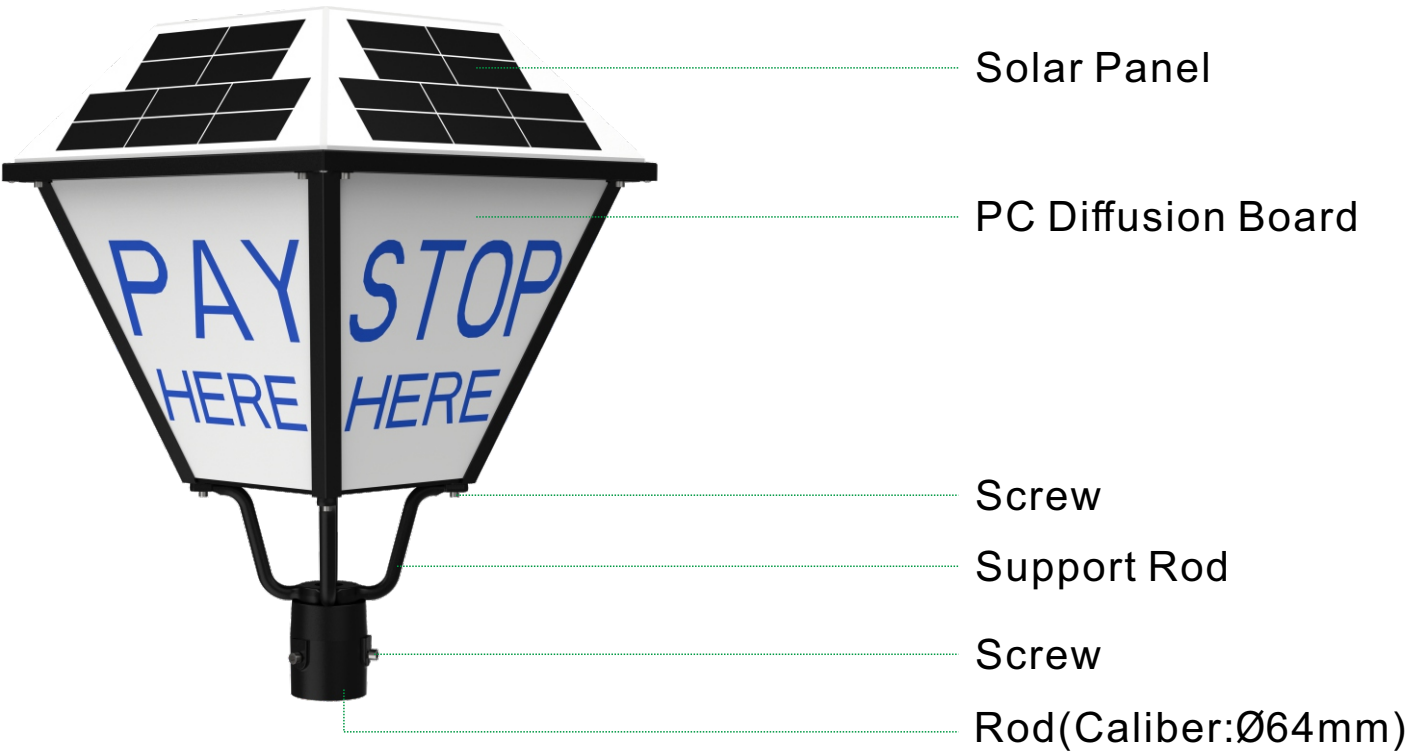
120°

Product Details

Internal Structure

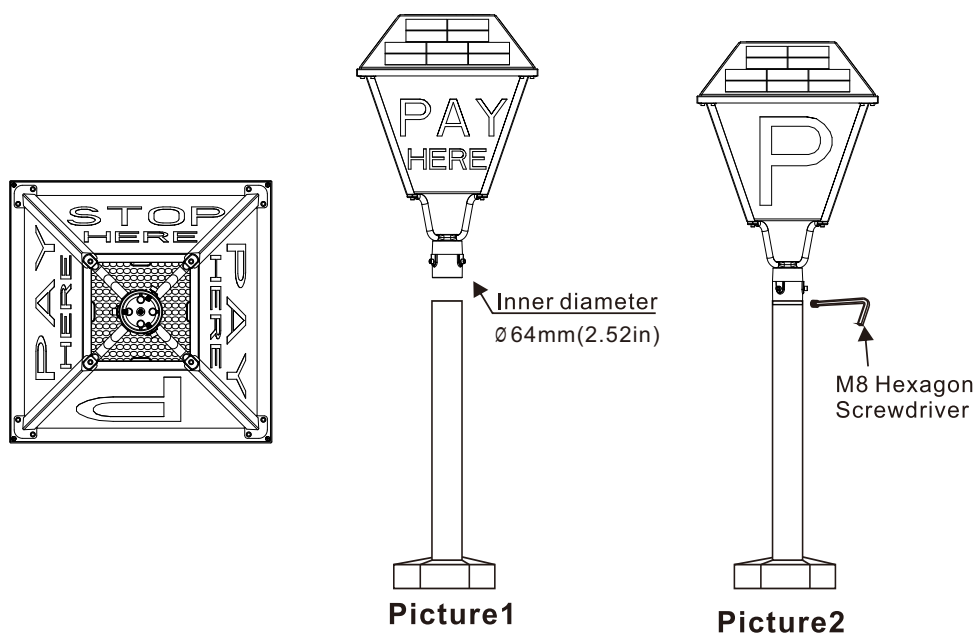


External Structure



Installation

• Installation guide

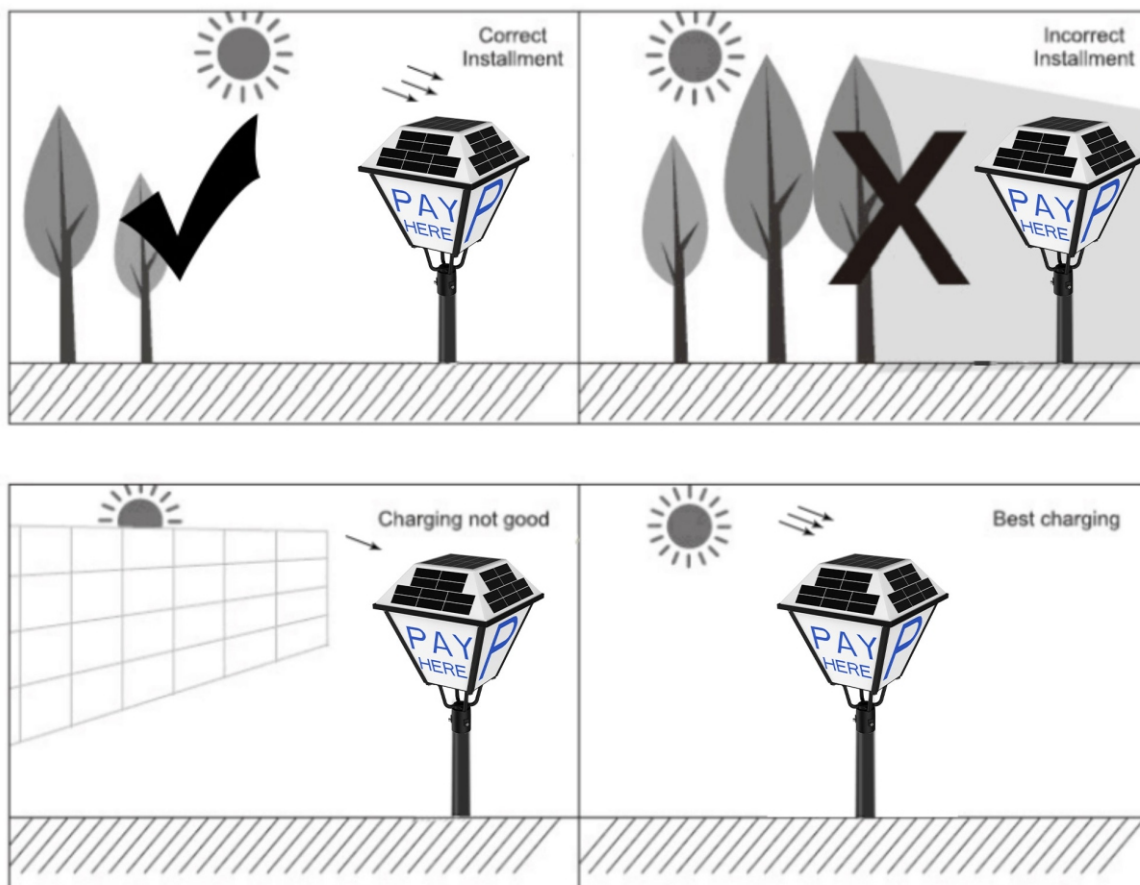


Step1: Turn off the power before installation.

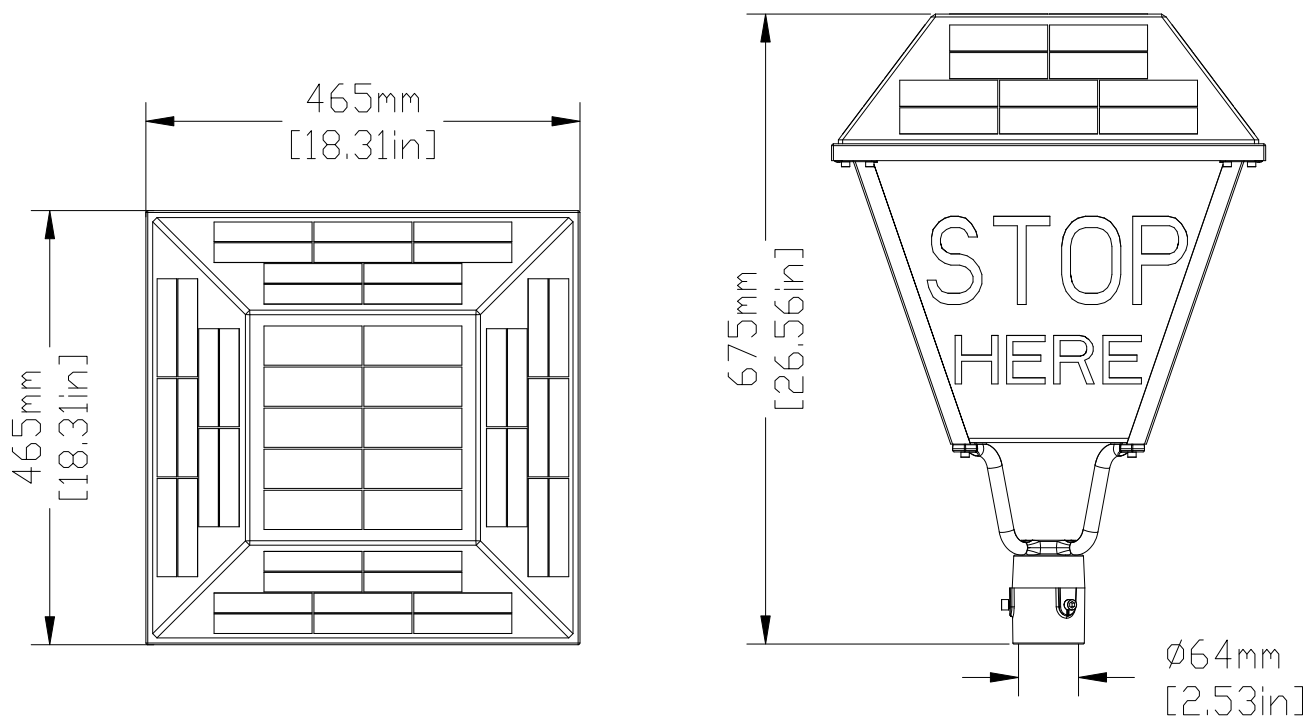
Step2: Secure the Tenon Pole Adaptor and pole with 6 screws (Hexagon socket screws M8*20).

Step3: Check that all screws are not loose ,and then complete the pole mounting

Please contact sales staff if you need help during installation



Product Dimensions



Application

- Area roadway/roadway lighting.
- Streetscapes lighting.
- Parking areas lighting.
- Campuses lighting.
- Airports lighting.



Specifications are subject to change without notice.

Updated date: 2026-09-04