



CERTIFICATIONS

RoHS
Compliant

CE

IP 65

SOLAR STREET LIGHT 150W

VOL-SSL-150-CW

SECTION 1: SPECIFICATIONS			
ELECTRICAL	POWER	150W	
	ENERGY EFFICIENCY INDEX	0.239	
	ENERGY EFFICIENCY LEVEL	A	
	START TIME	< 500MS	
	MAXIMUM DUTY CYCLE	<0.8	
	SHORT CIRCUIT PROTECTION	YES	
	OPEN CIRCUIT PROTECTION	YES	
	REVERSE POLARITY PROTECTION	YES	
	TEMPERATURE PROTECTION	NO	
	SAFETY GRADE	CLASS II	
LED	LED CHIP	PHILIPS SMD3030	
	CCT	6000±355K	2825±145K
	CRI	≥80%	≥70%

LAMP

NUMBER OF LEDs	288pcs
CURRENT	280-3000mA
LIGHT EFFICIENCY	140LM/W $\pm 10\%$
BEAM ANGLE	70°+140°
SOLAR PANELS	MONO: 30V/180W
BATTERY	LITHIUM 25.2V 50AH
RUNTIME	12 HOURS/DAY 3-4DAYS Back up

STRUCTURE

MATERIAL	ALUMINUM
IP RATING	IP65
FIXTURE LIFE-SPAN	50,000 HRS
WEIGHT	NW 34KG/PC GW 36KG/PC
CARTON SIZE	173*74*16CM

SECTION 2: FEATURES

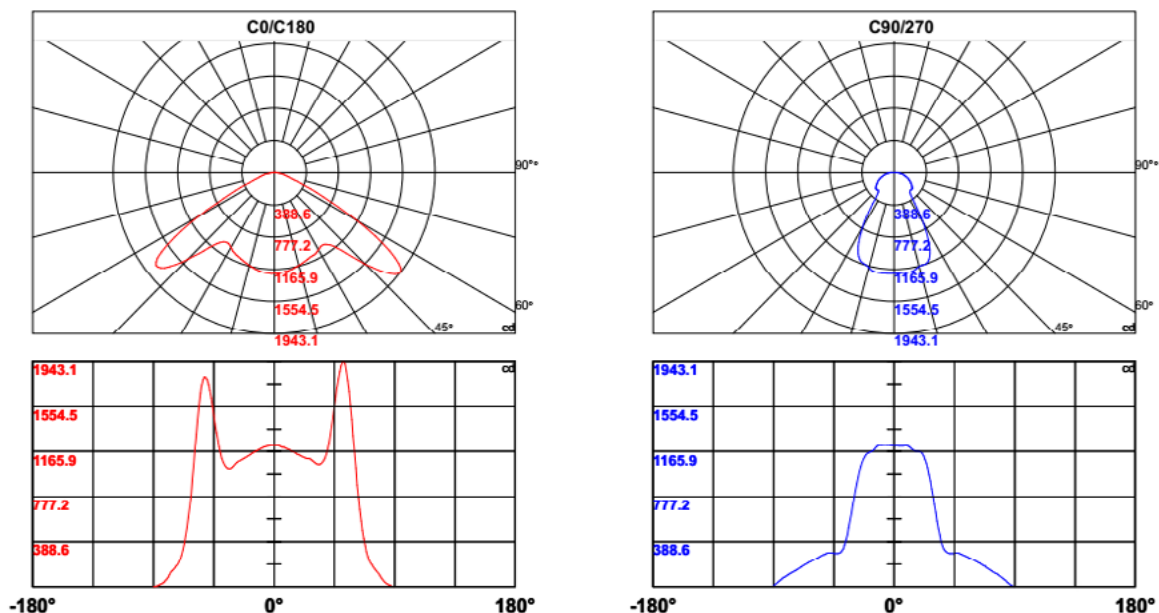
High brightness, stable performance, long life span, widely used, low power consumption, energy savings and environmental protection.

Resistant to corrosion and Thermal shock.

The smart control system: radar motion sensor and time control increase energy savings and extend the light time to 12 hours per day and 3-4 days back up.

Ideal for areas where power is not available but sunshine is good. For example: pathway, car park, mine sites, foreshore area, campuses and temporary construction sites.

SECTION 3: PHOTOMETRIC DISTRIBUTION



SECTION 4: INSTALLATION INSTRUCTIONS

1. Place the light pole into the best spot with good day lighting. The light pole should be the length of 7-8m, the thickness 3.75-5.0mm with material iron or steel, the up diameter 60-100 mm tapered light pole.
2. Please check to ensure all the components have been received.
3. Unfold the knob of fuse (see below) and check if the fuse works or not, then tighten. (If not just turn on the switch)
4. Place the lamp on the pole by its sleeve, and ensure it is steady.

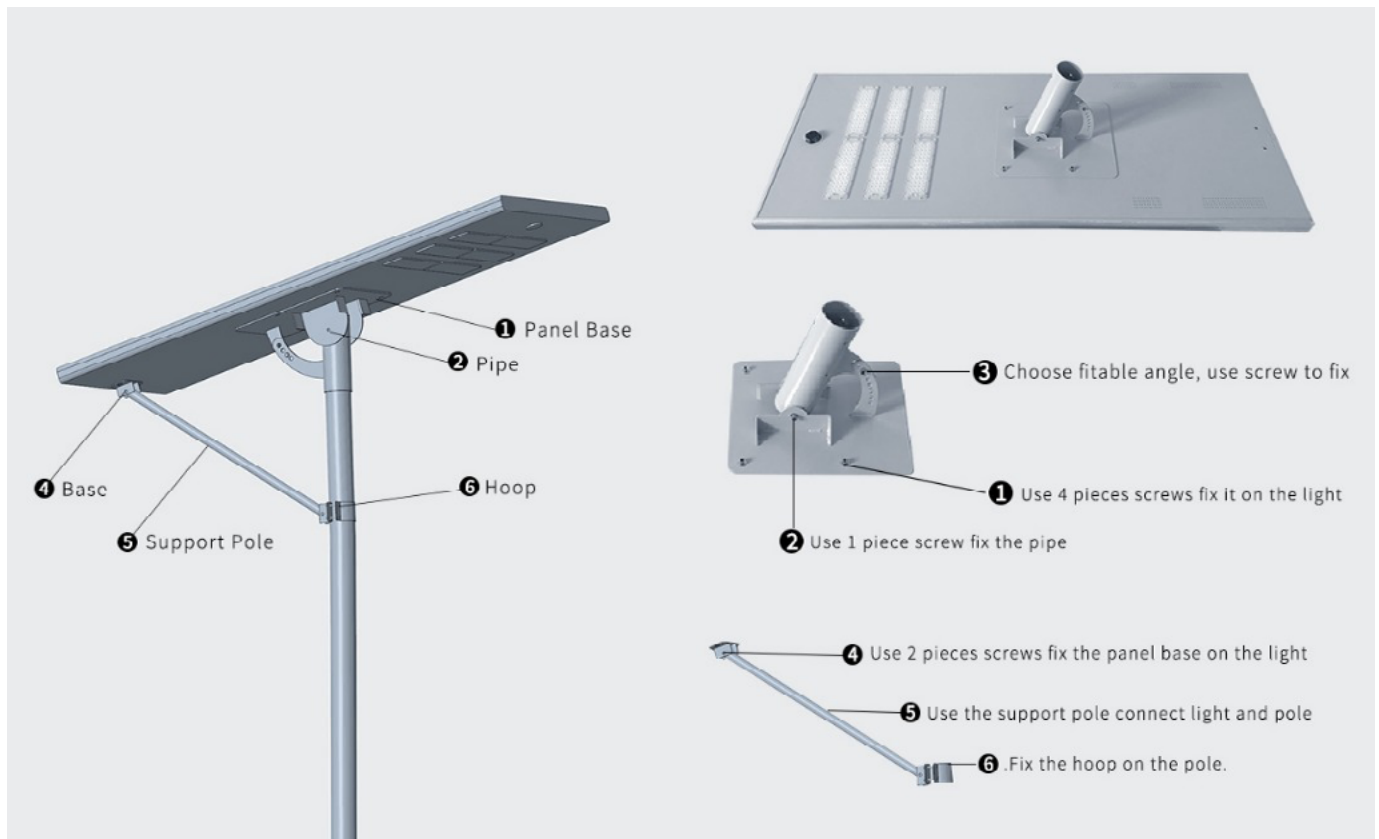
Installation steps

Lamp assembly

1. Open the cartons to take out the integrated solar street light and parts, put the light flatwise (solar panels face down);
2. Placed the support base to the light installation position, adjust the screw holes with light's alignment; Screw with the M8 round head hex socket screws, then tighten with a wrench.

Light pole installation

1. First turn ON the switch;
2. Set the light which has been assembled with the support base on the light pole and adjust the direction;
3. Screw with the M8 Cup head hex socket screws on the tube of the support base;
4. Tighten with a wrench and make the light firmly fixed on the light pole.



ITEM NAME		QTY(pcs)
Lamp system		1
BOLTS	Cup head m8*30mm	9
	Round head m8*30mm	9 (Reserve 1PCS)
Support Base		1
Tools		2