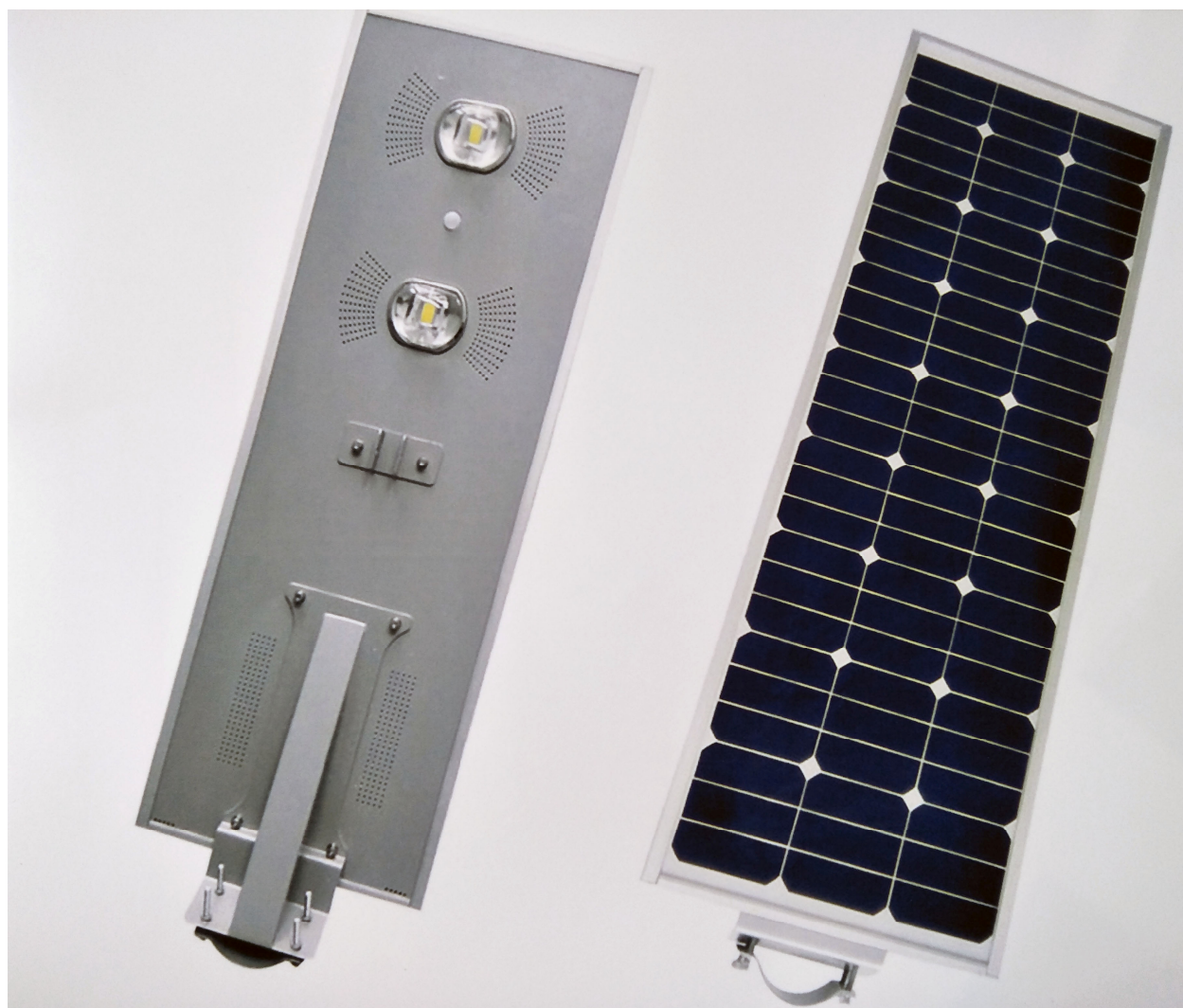




Smart Solar Street Lights

日本の製品は本物の品質を意味します。





Intelligent Solar Street Lights

With infra-red sensor, built in high power Mono-Crystalline Panel, 12.8X 42 AH PO4 Lithium battery, Peak current 15 AMP, Computerize control, with original SAMSUNG lighting element & Auto On/Off timing control.

Output power:-

- A. 60 Watt = to 350 Watt Helogen bulb
- B. 80 Watt = to 490 Watt Helogen bulb
- C. 100 Watt = to 600 Watt Helogen bulb

Lamp pole:- Hot dipped Galvanized pole Q2355 steel, 3mm thickness with anti- rust-powder coated

- A. 6 Meter height
- B. 8 Meter height

Ground Base:- Steel foundation ground base with anti-rust powder coated

Contain per 40Ft (FCL)container:-

With street light system. Lamp post & ground base

60 Watt	--	250 sets
80 Watt	--	220 sets
100 Watt	--	200 sets

誰が私たちの製品と競合することができますか？



Sole Exclusive distributor: Comteck Computer Technology. sales@comteck.com.sg



Instruction Manual

Integrated Solar Street Light

(☐ 5W ☐ 8W ☐ 12W ☐ 15W)

(☐ 20W ☐ 25W ☐ 30W ☐ 40W ☒ 60W)





Back



Front



Bracket holder at the TIP

Brief:

Our integrated solar street light which integrates the green-energy parts solar panel, LED lamp and the Li-Fe battery into a single product, is with human intelligence induction system to gain the solution of low-energy, long-time, high-luminance and free maintenance. And the same time, it's convenient in the shipment and installation.

Purpose:

To be installed in the garden, residential area, courtyard, road, mine area or parking area or provide the light in roads where it's necessary, the battery provide the energy for lighting, and the solar panel charge for the battery.

Product parts:

The product is made up with the integrated parts (solar panel, Li-Fe battery, LED, MPPT controller and human intelligence induction system) and the light brace (support bracket).

Working characters:

The solar panel converts sunlight into electricity and stored in Li-Fe battery via controller, the LED light will work in night automatically by light sensor control, and provide light for the darkness area, the human intelligence induction system can save the energy when the lighting is not necessary



Technological Parameter:

specifications				
light source	5W LED	8W LED	12W LED	15W LED
Solar panel	10w(Mono)	15W (Mono)	18W(Mono)	25W(Mono)
battery	4000mAh	6000mAh	6000mAh	12000mAh
Human body sensing	Without	Without	YES	YES
dimension	480*280*55mm	540*320*55mm	540*320*55mm	710*350*55mm
net weight	4.8KG	5.5KG	6.5KG	9KG
Light efficiency				

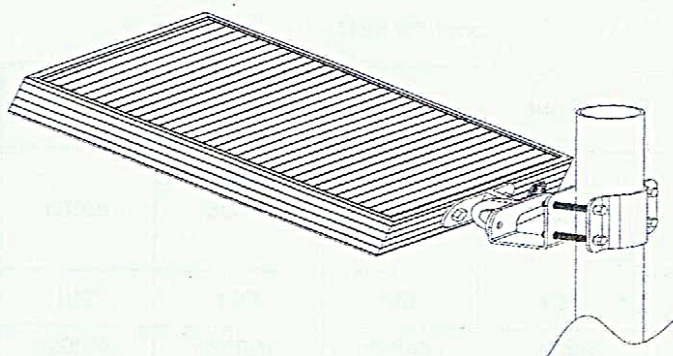


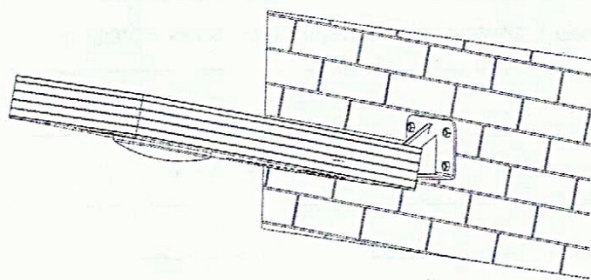
Solar street light Instruction Manual

Luminous	Full load working	550lm	880lm	1320lm	1650lm
flux	Less load working	165lm	400lm	440lm	500lm
visual angle		120°	120°	120°	120°
color temperature		□3000k-3500k	□3000k-3500k	□3000k-3500k	□3000k-3500k
		□6000k-6500k	□6000k-6500k	□6000k-6500k	□6000k-6500k
Work time	Full power	≥12Hr	≥12Hr	≥10Hr	≥15Hr
	Saving mode	≥24Hr	≥24Hr	≥20Hr	≥24Hr
Ambient temperature					
work temperature		charging:0°C~+60°C discharging : -20°C~+60°C storage: 0°C~+45°C			
install					
install high		3~5m			
light spare		10-20m			

Installation:

Make the solar panel face south while installing. Meanwhile, you can adjust the angel between the lamp head and level (as follows), you'd better reconcile the lamp head with local latitude.





2. Using method

It could work when you open the switch without any adjustment. Very easy to operate.

Technological Parameter:

specifications							
Light source		20W LED	25W LED	30W LED	40W LED	50W LED	60W LED
Solar panel		40W(mono)	50(mono)	60(mono)	60W(mono)	70W(mono)	80W(mono)
Human body sensing		YES	YES	YES	YES	YES	YES
Dimension		920X330 X140mm	1170X330 X140mm	1170X330 X140mm	1170X330 X140mm	1200X380 X160mm	1200X380 X160mm
Net weight		12.5KG	16.8KG	17.1KG	17.6KG	20.7KG	21.4KG
Light efficiency							
Luminous	Full load working	2200lm	2750lm	3300lm	4400lm	5500lm	6600lm
Flux	Less load working	660lm	800lm	1000lm	1320lm	1650lm	1980lm
Visual angle		120°	120°	120°	120°	120°	120°
Color temperature		□3000k-3500k	□3000k-3500k	□3000k-3500k	□3000k-3500k	□3000k-3500k	□3000k-3500k
		□6000k-6500k	□6000k-6500k	□6000k-6500k	□6000k-6500k	□6000k-6500k	□6000k-6500k
Work time	Full power	≥20Hr	≥15Hr	≥15Hr	≥15Hr	≥15Hr	
	Saving mode	≥40Hr	≥30Hr	≥30Hr	≥30Hr	≥30Hr	
Ambient temperature							



Work temperature	charging:0℃~+60℃ discharging : -20℃~+60℃ storage: 0℃~+45℃	
install		
Install high	5~7m	7~9m
Light spare	10~20m	25~30m

Manual:

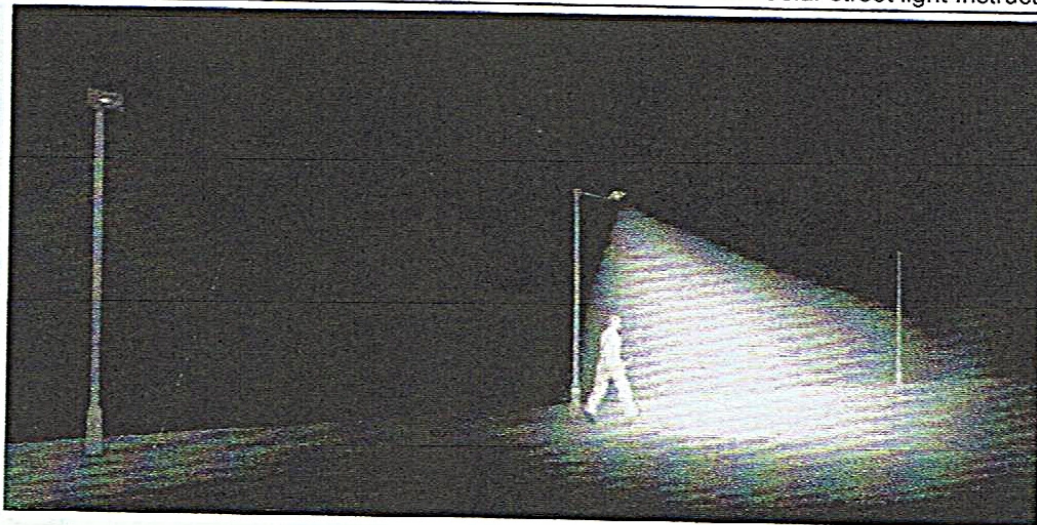
●.“All in One solar street light” can not work without sunshine charging, please select the suitable product model according to the local sunshine radiation and the annual total radiation.

●.“All in One solar street light” adopts the long life Lithium battery for storing energy, charging temperature at day time is between: 0°C~+60°C, when temperature goes lower than 0°C, the control system will stop automatically to protect the battery, and it will revive to charge the battery while temperature goes higher than 0°C. Discharging temperature at night is between: -20°C~+60°C, any ambient beyond will bring damage to the battery. Please confirm your local extreme temperature is suitable for above while selecting the street light. .

●.Battery of the “All in One solar street light” can be stored for 6 months long after full charged, and please examine, charge it periodically after long time transportation to prevent damage.

●.While installed in Northern Hemisphere, please make sure the surface of the solar panel to be facing the South to collect maximum sunshine radiation, while installed in Southern Hemisphere, please make sure the surface of the solar panel to be facing the North to collect maximum sunshine radiation. At the same tie please keep it away from any shadow of house, trees etc.

●.Keep cleaning the surface of the All in One solar street light with normal detergent to get maximum power generation, clear the dust or tree leaves or any grease.

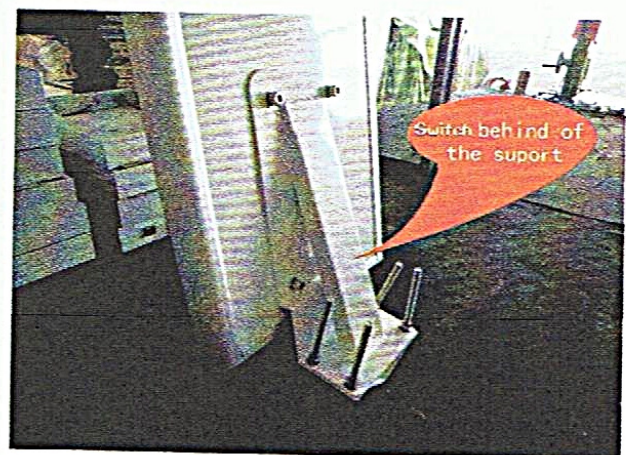


Installation:

To place the light pole into the best spot with good day lighting. The light pole should be the length 4-6m, the thickness 2.0mm with material iron or steel, the diameter 50-90mm

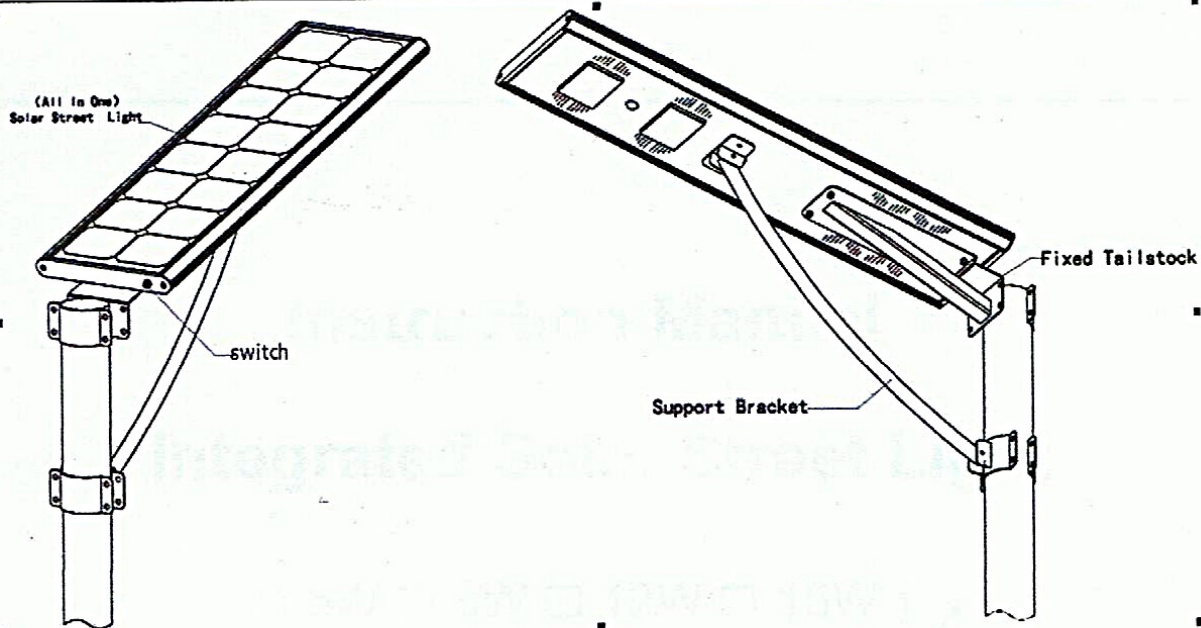
The parts should be showed cleared when open the packing, the parts are show below:

Place the lamp on the pole by its sleeve, special screw should be used and steady installation should be ensured





Solar street light Instruction Manual



(END)

Pioneer'tech
SOLAR ENERGY
TECHNOLOGY



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