



Born for Sun.
Light for You.



SL series specifications



HUSN ENERGY SOLUTIONS CO., LTD.

 www.henergysolutions.com

 info@henergysolutions.com

Specification

40W Solar street light (With Sensor)			
Main Lamps material	Aluminium Alloy		
Solar panel	Max Power	40W	
Battery	Type	Solar energy Lithium battery 12V 15AH	
LED	Led chip brand	Bridgelux from USA with high brightness	
	Lumen(LM)	3500-4000LM equal to 40W	
	CCT (k)	6000-7000K	
	Life Time	50000 hours	
Lighting Viewing Angle	120°		
Working TEMP(°C)	-20~+60		
Charge time(by sun):	6-8hours (with enough strong shine)		
Discharge time	10-12 hours per night 5-7 rainy days		
Certificate	CE/ROHS/IP65		
Packing	Product size	920*295*44mm	
	Packing size	940*350*220mm	
	Net weight	9.6kg	
	Gross weight	11.2KG	
	Packing way	1pcs/ctns	
Packs Containers	20ft container	400pcs	
	40gp container	800pcs	
Installation height	5 -6 meters	Suggestion distance	25-30meters



Product Feature



Made of sturdy aluminum alloy



The overall use of A arm structure, with A good weighing capacity, no fear of wind and rain



Modular 3030 light source, super high brightness



Three control modes to meet a variety of installation environments

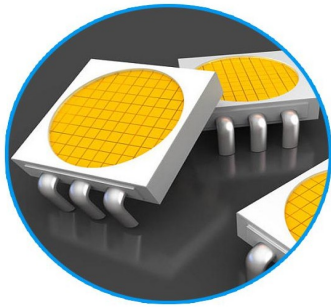
Sensing Range



Sensing Effect

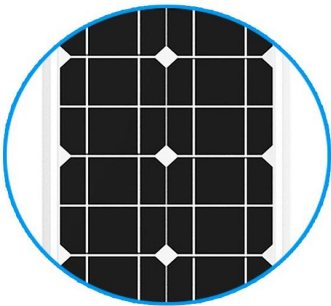


Materials Introduction



LED ENERGY-SAVING LIGHT SOURCE:

Imported USA Bridgelux LED, super high light efficiency, long-lasting lighting



SOLAR PANEL:

High-efficiency Monocrystalline solar panel, high conversion rate, special surface treatment



ALUMINIUM ALLOY:

Smooth aluminum alloy to reinforce shell, overall sturdy and durable, the surface is treated with special paint, sensory high-end atmosphere

Product Advantage



Easy to install and maintain



Multiple control modes for easy operation



Long life span of LED chip



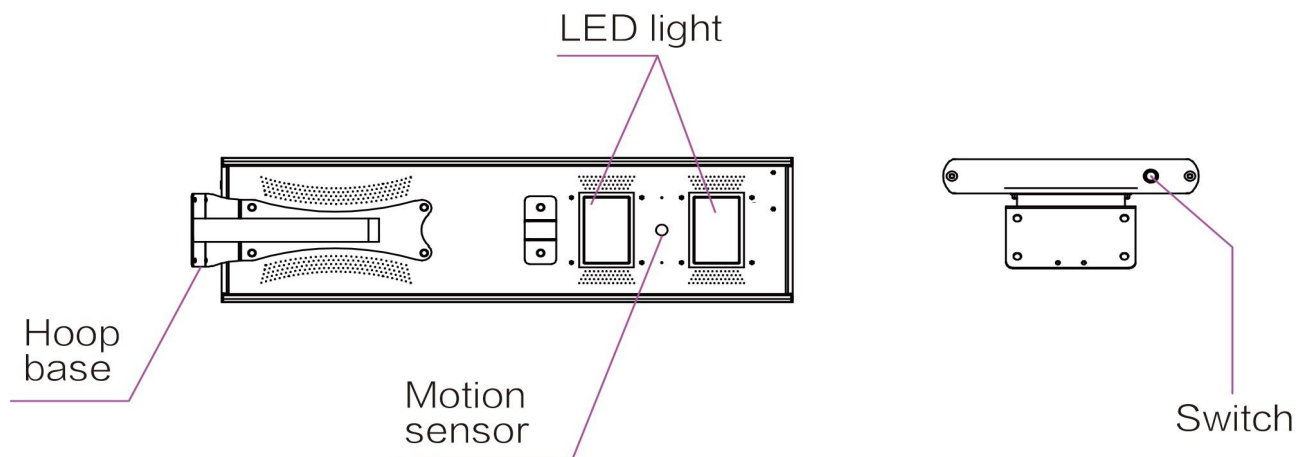
Monocrystalline solar panel, high conversion rate



Intelligent turn-on lighting mode

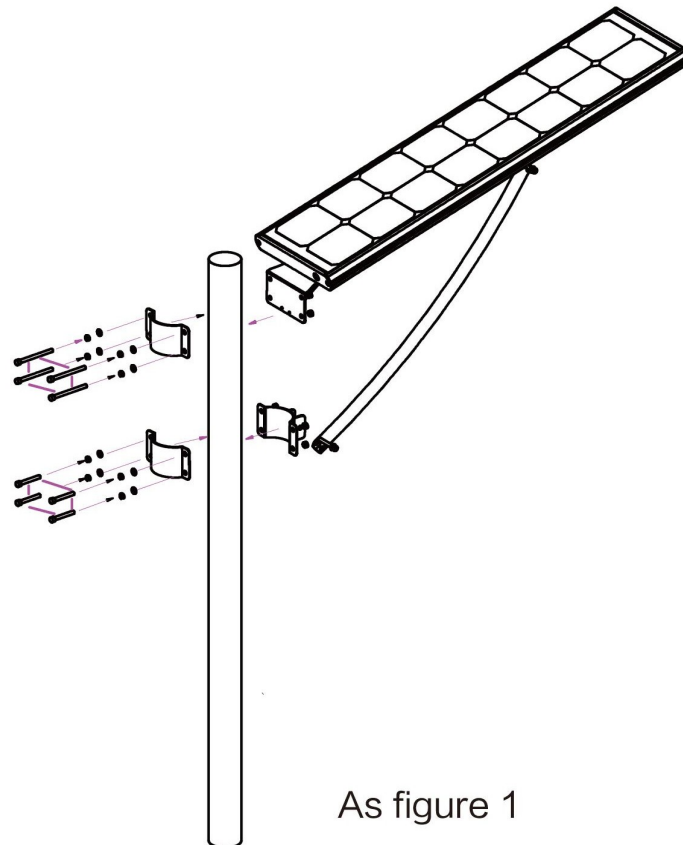
Installation Procedure

1. Choose the best position for lighting.
2. Open the package and check if the accessories are complete.
3. Turn on the switch of the lamp body before installation



Blue is the charging indicator:	Green is the battery indicator:	Red is the LED light source work indicator:
Slow flashing means charging, full light means fully charged, and turning off light means no charging	Full light indicates that the battery is normal and can work normally; slow flashing indicates low battery and cannot work normally, need to charge right now	When the LED light source is working, the red indicator light is fully illuminated. When the LED light source is not working, the red indicator light is off.

4. First install one end of the arm on the lamp body, and then put the solar panel of the lamp body upward, and fix it with the hoop base (As figure 1)

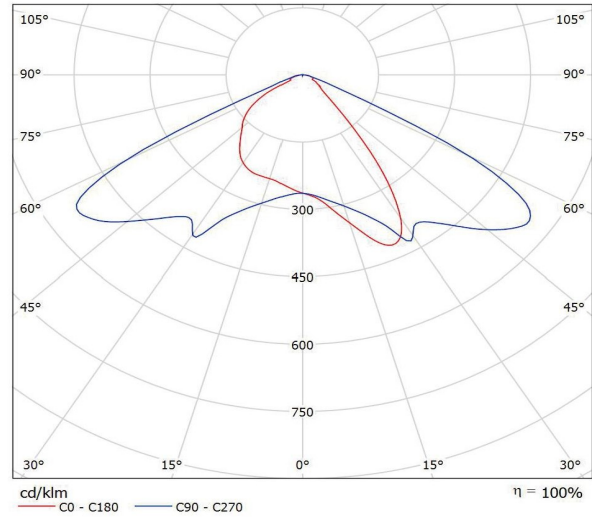


Warm Prompt

- During installation, one or two people shall hold the lamp body, and another person shall tighten the nut, so as to avoid misplacement of the nut due to force during the tightening process, or would result in nut sticking and subsequent undisassembly;
- It is recommended to install on a sunny day, because it can't be charged quickly after installation in rainy days, and it will be discharged at night, which will affect the using effect.
- If the lamp does not work after the package is opened, it is usually because the battery power is insufficient. Charge it for 2 days before installation.

Lighting distribution

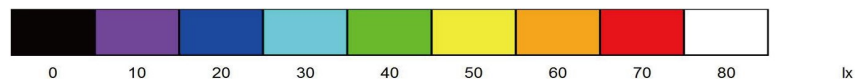
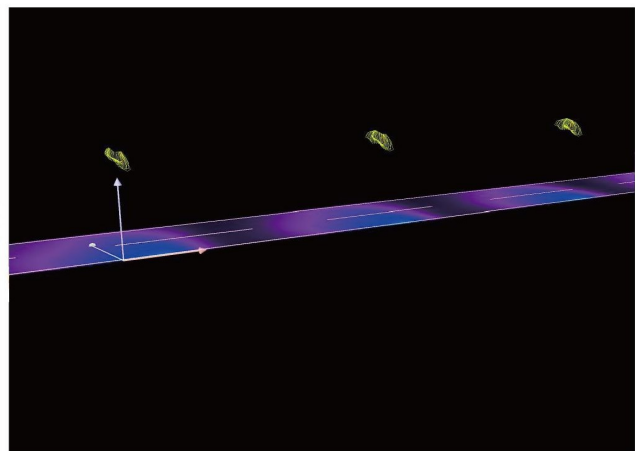
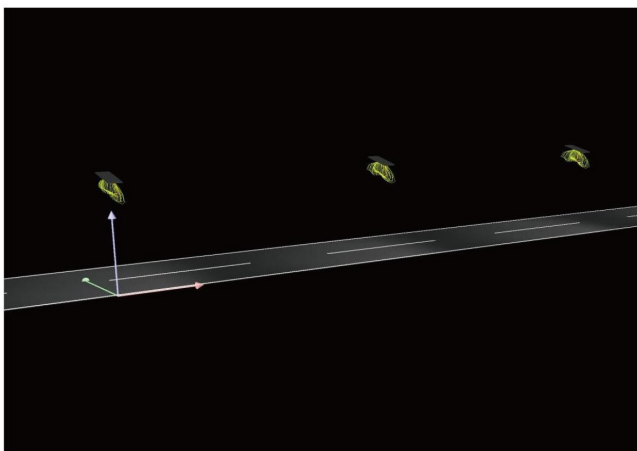
See our luminaire catalog for an image of the luminaire.



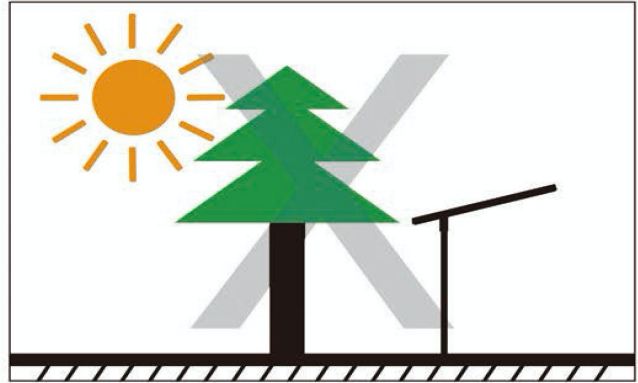
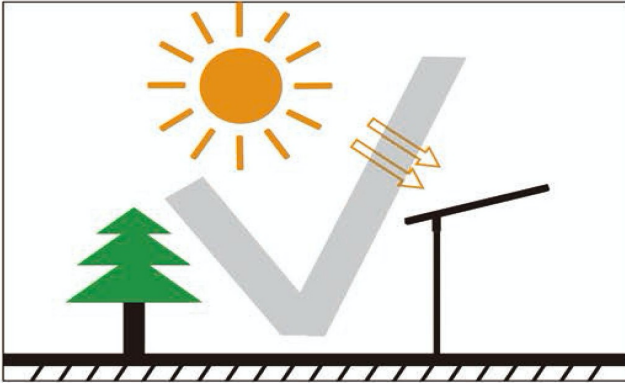
Luminaire classification according to CIE: 100
 CIE flux code: 56 88 98 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

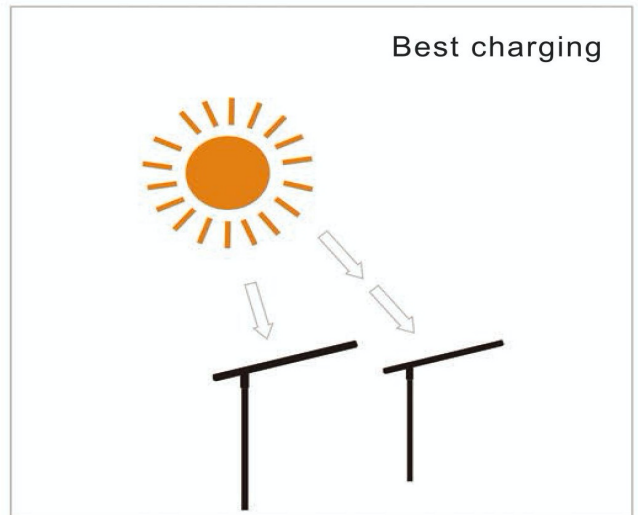
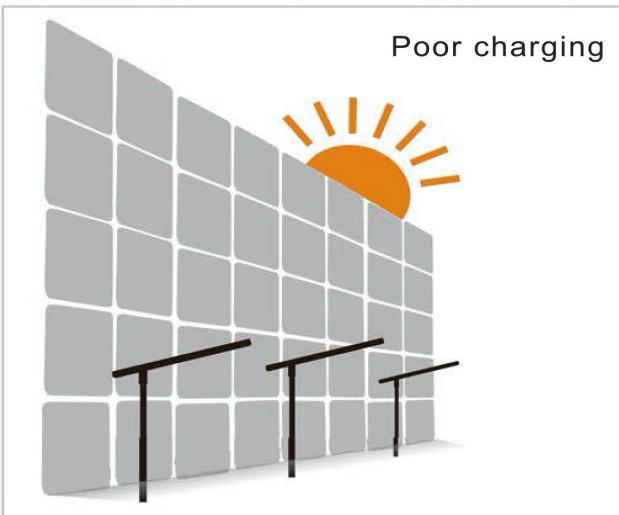
Lamp Lighting simulation



Note 1



Note 2



- Please choose a place that is sunny and fully exposed, then install integrated solar street lights.
- And note that the solar panels must be unobstructed and must be exposed to the sun.

Case example



Road



Mountains



Rural



Street



Square



Park



School

