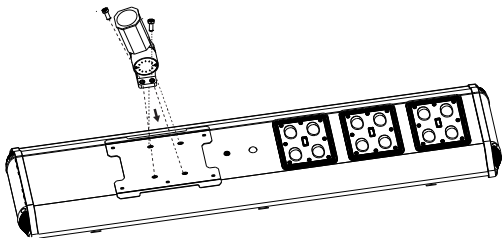
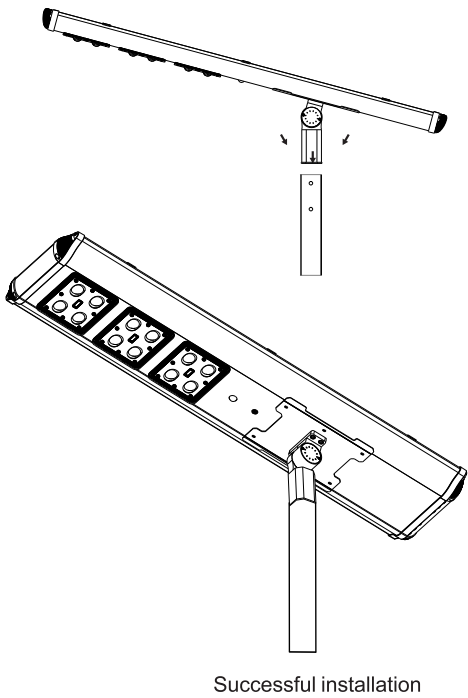


4.INSTALLATION INSTRUCTIONS

4.1 The tailstock installation  
Use the screws to fix the bracket on the lamp

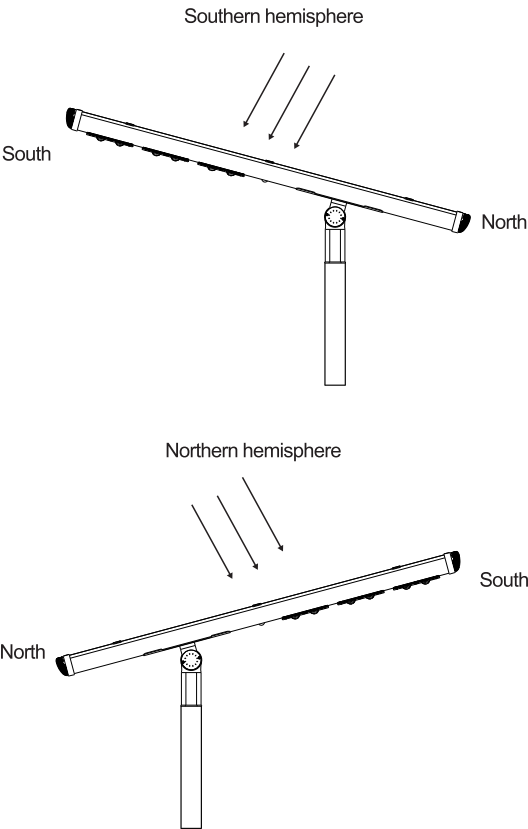


4.2 Light pole installed  
Use the screws to fix the lamp on the post



Successful installation

1. Integrated solar street lights can't work without sunshine, Please choose suitable product model according to the sunlight intensity of the installed area or amount of solar radiation, and choose product model according to the actual lighting needs ;In the area where the sun is not enough or long-time continuous rainy day, the working time of the solar light will be reduced, this lamp design is mainly based on African average illumination time;  
2. If install this product in the northern hemisphere, make solar panels as possible towards the south, in order to get maximum light energy; If it is in the southern hemisphere, installing solar panels towards the north. At the same time to avoid the shadow of houses, trees and other obstructions which will reduce the efficiency of the solar panel and shorten its work time.

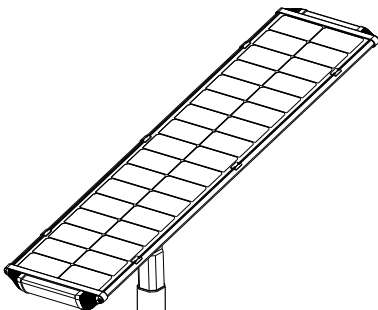


5.Warranty and after-service:  
This product from the date of delivery, not artificial damage warranty for 60 months.



User Manual

F1 Series  
All in one solar street light

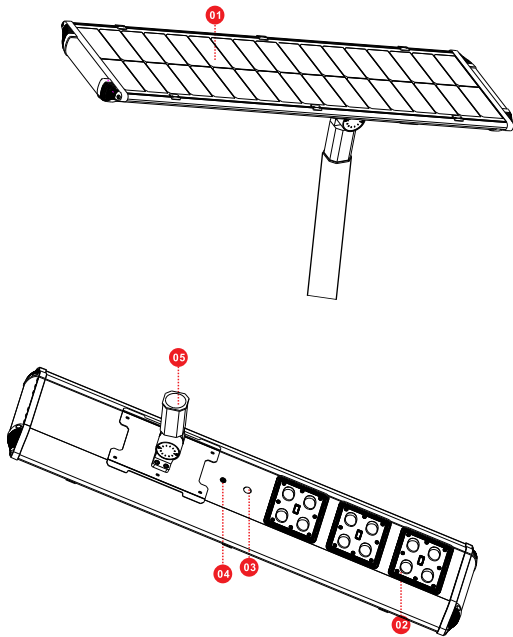


358-010229-04

1.INTEGRATED SOLAR STREET LIGHT INTRODUCTION

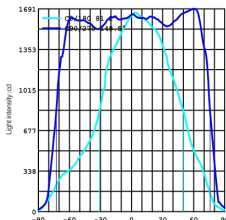
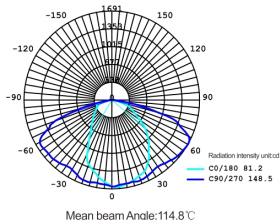
- 1.1 Integrated design and source, high capacity LiFePO4 lithium battery, high energy, and long life, light weights, green and environmental protection, do not produce any harmful substances.
- 1.2 Philips LED chip with high light efficiency which can reach 180LM/W and whole lamp light efficiency can reach 160LM/W at least
- 1.3 All series use MPPT controller with high efficiency
- 1.4 Design with high efficiency solar cell (22%)
- 1.5 Convenient installation and maintenance, no need of cable installation or special light pole, functional components modular design, installation and maintenance, convenient and quick replacement.

2.Part description



- 1. Solar panel
- 2. LED light
- 3. Body induction
- 4. Switch
- 5. Tailstock

3.The performance parameters

Model		F1-60W	F1-80W	F1-100W	F1-120W	Note
Solar module		85W(Mono)	95W(Mono)	105W(Mono)	110W(Mono)	
High capacity lithium battery		Built-in 532WH	Built-in 650WH	Built-in 888WH	Built-in 999WH	
luminous flux (All light pattern)		9600 lm	12800 lm	16000 lm	19200 lm	
Working Mode		Normal mode(default): 4H100% 4H50% 4H25% Induction mode(optional): No induction or customization				OEM according to the quantity
Solar panel charge time		8H strong sunlight				
Working	TimeAll light pattern	≥ 12 hours				
	Raining days backup	3 days				
Color temperature		6500K				
Induction angle		75°X 145°				
Light pole diameter		80mm				
Storage temperature		0-55℃				
Operating humidity		≤ 90%RH				
Working temperature	Charge temperature	0-55℃				
	Discharge temperature	-10℃-60℃				
IP Grade		Ip65				
Ingress Protection		No	No	Yes	Yes	
Recommend Installation height		5-7M	6-8M	7-9M	8-10M	
Product Package dimensions		1500*449*278mm	1745*449*278mm	1825*449*278mm	1905*449*278mm	2PCS/CTN
Product Gross weight		37.8 KG	45.4KG	49 KG	51.5 KG	2PCS/CTN
Tailstock Package dimensions		420*315*118mm		500*315*118mm		4PCS/CTN
Tailstock Gross weight		8.8 KG		11.8 KG		4PCS/CTN
Light distribution curve		<div></div>				