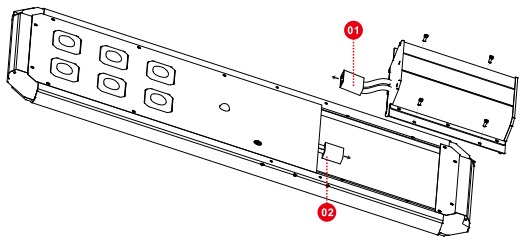


4.INSTALLATION INSTRUCTIONS

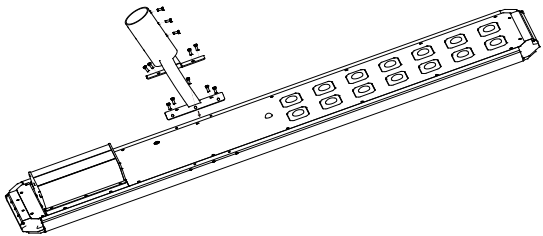
4.1 Install battery box

Just insert FIG. 01 into FIG. 02 (it must be inserted)



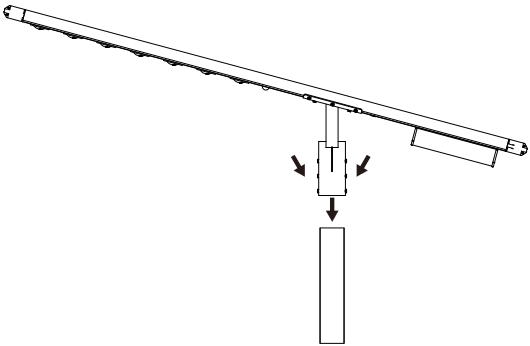
4.2 The tailstock installation

Use the screws to fix the bracket on the lamp



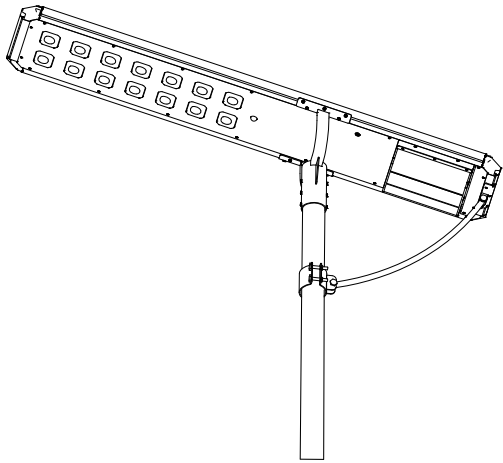
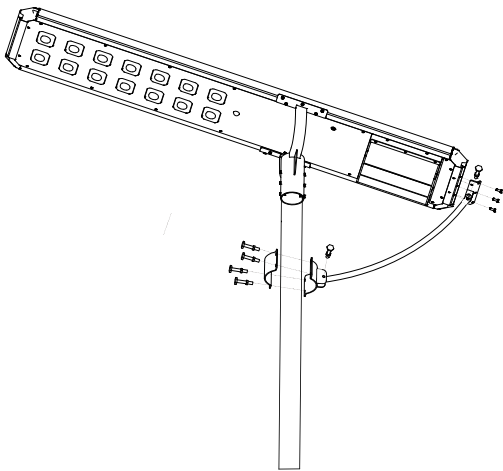
4.3 Light pole installed

Use the screws to fix the lamp on the post



4.4 Bracket installation

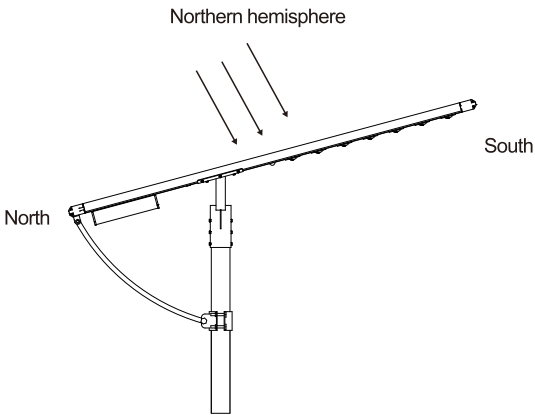
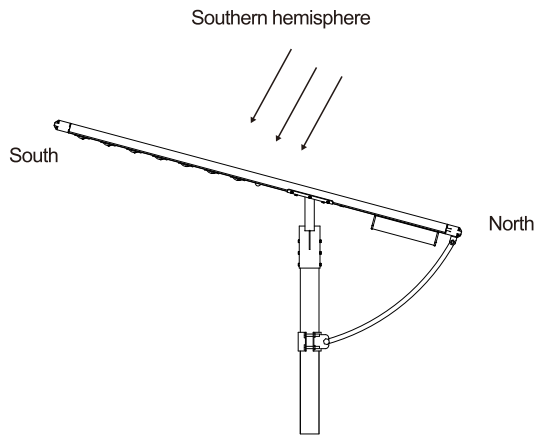
Use the screws to fix the bracket on the bracket and pole



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.



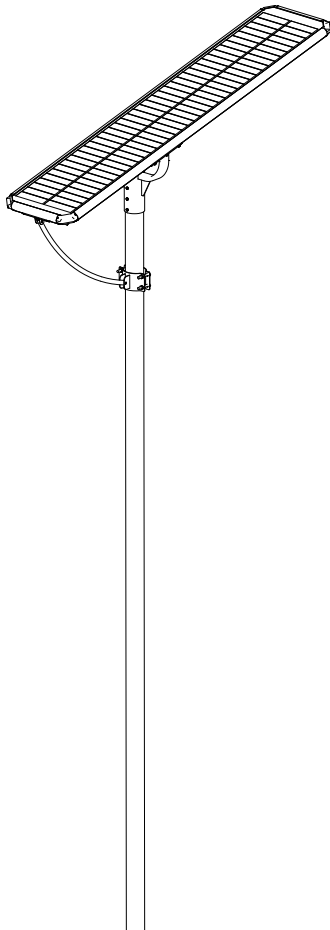
5.Warranty and after-service:

This product from the date of delivery, not artificial damage warranty for 36 months.



User Manual

D2 Series
All in one solar street light

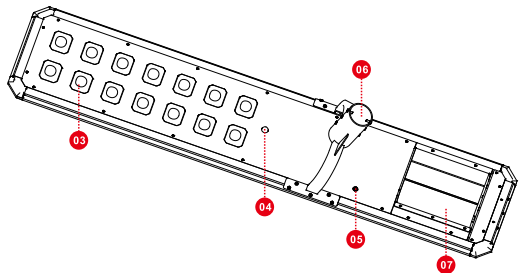
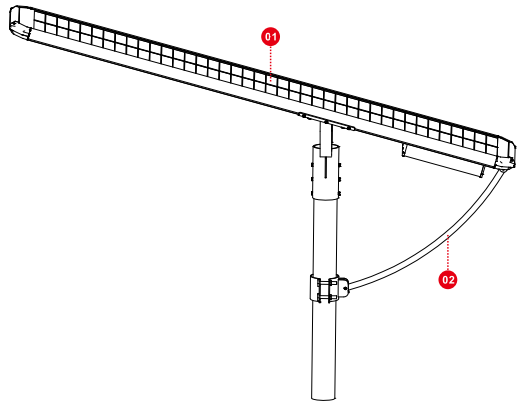


358-010022-01

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 which can increase 15%-30% charge 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. Support bracket
- 3. LED light
- 4. Body induction
- 5. Switch
- 6. Tailstock
- 7. Battery box

3.The performance parameters

Model		D2-30W	D2-40W	D2-60W	D2-80W	D2-100W	D2-120W	D2-150W	Note
Solar module		55W (Mono)	65W (Mono)	90W (Mono)	105W(Mono)	120W(Mono)	140W(Mono)	190W(Mono)	
High capacity lithium battery		Built-in 260WH	Built-in 350WH	Built-in 532WH	Built-in 650WH	Built-in 888WH	Built-in 999WH	Built-in 1240WH	
luminous flux (All light pattern)		4800lm	6400lm	9600lm	12800lm	16000lm	19200lm	24000lm	
Working Mode		Normal mode(default): 4H100% 4H50% 4H25% Induction mode(optional): All night Induction: 100% no induction: 20%							OEM according to the quantity
Solar panel charge time		8H strong sunlight							
Working	TimeAllight pattern	≥ 12 hours							
	Raining days backup	3 days							
Color temperature		6500K							
Induction angle		120°							
Light pole diameter		76mm					114mm		
Storage temperature		0-55℃							
Operating humidity		≤ 90%RH							
Working temperature	Charge temperature	0-55℃							
	Discharge temperature	-10℃-60℃							
Ingress Protection		IP65							
Support bracket		No	No	No	No	Yes	Yes	Yes	
Recommend Installation height		3-5m	3-6m	5-7m	6-8m	6-9m	6-9m	7-10m	
Product Package dimensions		982*409*153mm	1146*409*153mm	1458*409*153mm	1620*409*153mm	1822*409*153mm	1951*409*153mm	1865*629*153mm	2PCS/CTN
Product Gross weight		12.5KG	16.5KG	22.2KG	25.6KG	30.5KG	33.5KG	38.7KG	2PCS/CTN
Tailstock Package dimensions		420*125*160mm						640*390*400mm	2PCS/CTN
Tailstock Gross weight		5.6KG						8.5KG	2PCS/CTN
Accessories Battery dimensions		335*195*320mm						555*195*400mm	2PCS/CTN
Accessories Battery box Gross weight		11.3KG						18.9KG	2PCS/CTN
Light distribution curve		