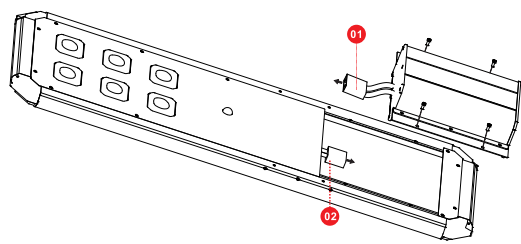


## 4.INSTALLATION INSTRUCTIONS

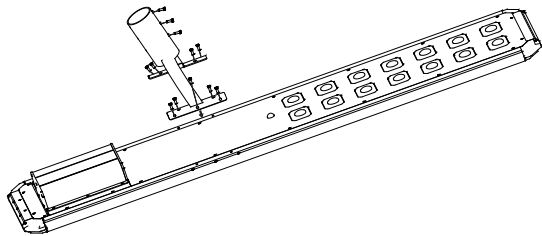
#### 4.1 Install battery box

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



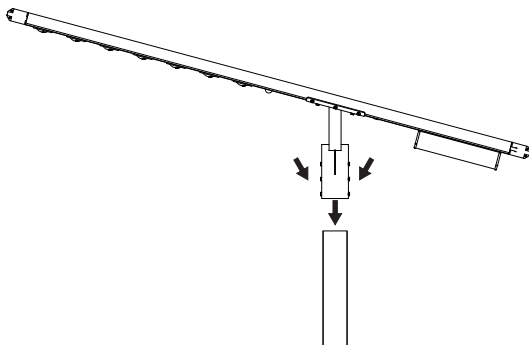
## 4.2 The tailstock installation

Use the screws to fix the bracket on the lamp



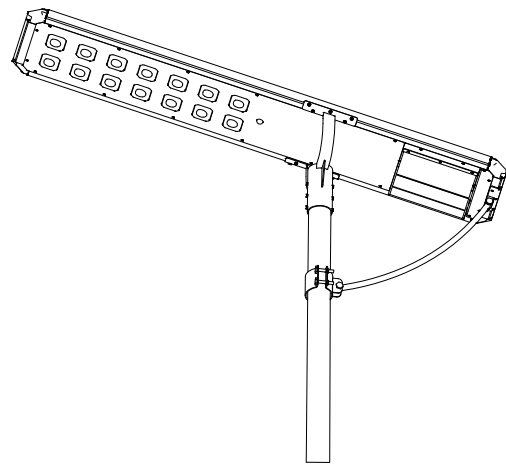
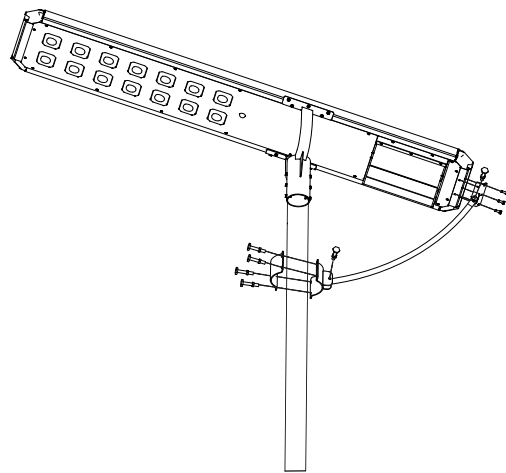
### 4.3 Light pole installed

Use the screws to fix the lamp on the post



#### 4.4 Bracket installation

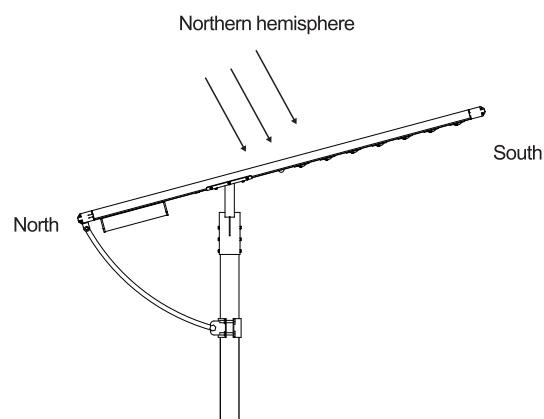
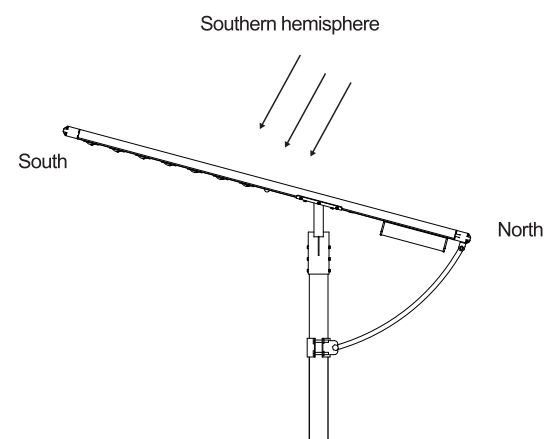
Use the screws to fix the bracket on the bracket and pole



### 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.



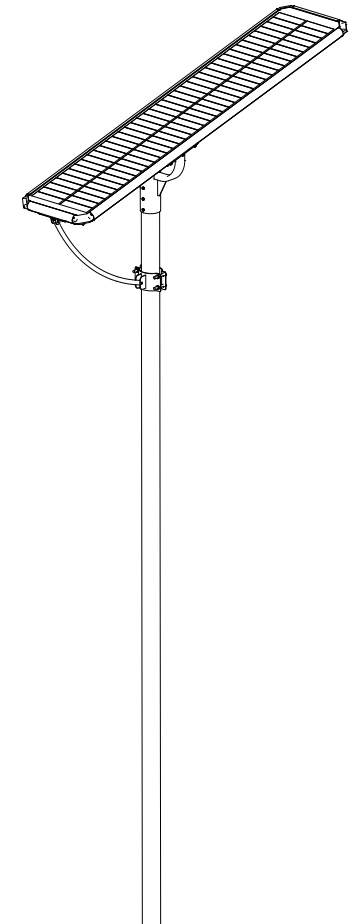
### 5.Warranty and after-service:

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



# User Manual

D2 Series  
All in one solar street light



358-010022-04

## 1. INTEGRATED SOLAR STREET LIGHT INTRODUCTION

1.1 Integrated design and source, high capacity LiFePO<sub>4</sub> lithium battery, high energy, and long life, light weights, green and environmental protection, do not produce any harmful substances.

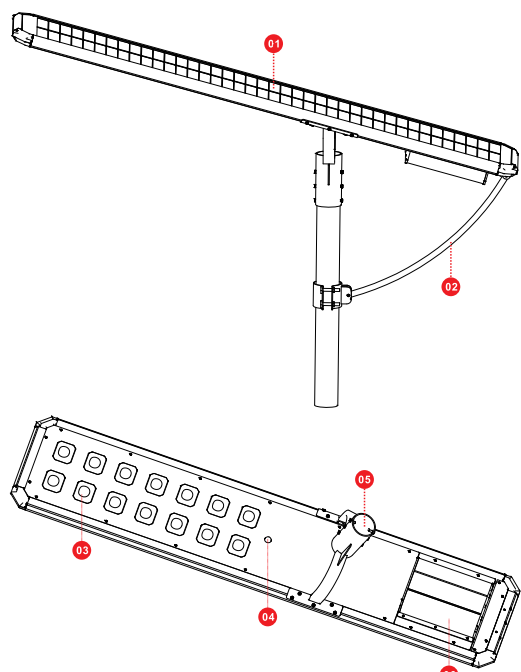
1.2 Philips LED chip with high light efficiency which can reach 180LM/W, and whole lamp light efficiency can reach 160LM/W at least

1.3 All series use intelligent controller which can increase 15%-30% charge efficiency

#### 1.4 Design with high efficiency solar cell ( $>22\%$ )

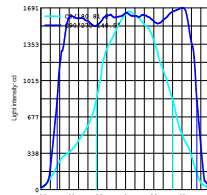
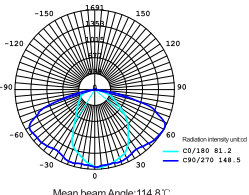
1.5 Convenient installation and maintenance, no need of cable installation or special light pole, functional components modular design, installation and maintenance, convenient and quick replacement.

## 2.Part description



1. Solar panel
2. Support bracket
3. LED light
4. Body induction
5. Tailstock
6. Battery box

### 3.The performance parameters

Model		D2-30W-P	D2-40W-P	D2-60W-P	D2-80W-P	D2-100W-S	D2-120W-S	D2-150W-S	Note
Solar module		55W (Mono)	65W (Mono)	80W(Mono)	90W(Mono)	100W(Mono)	120W(Mono)	190W(Mono)	
High capacity lithium battery		Built-in 260WH	Built-in 350WH	Built-in 405WH	Built-in 650WH	Built-in 888WH	Built-in 999WH	Built-in 1240WH	
luminous flux (All light pattern)		4800lm	6400lm	8100 lm	10800lm	16000lm	19200lm	24000lm	
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	TimeAllight pattern	≥12 hours							
	Raining days backup	3 days							
Color temperature		6500K							
Induction angle		75°X 145°							
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*143mm	1146*409*143mm	1458*409*143mm	1620*409*153mm	1822*409*153mm	1951*409*153mm	1865*629*153mm	2PCS/CTN
Product Gross weight		16.8KG	19.8KG	23.1KG	26.7KG	31.2KG	34.7KG	45.7KG	2PCS/CTN
Tailstock Package dimensions		420*210*375mm						640*390*400mm	2PCS/CTN
Tailstock Gross weight		6.1KG				8.0KG		10.6KG	2PCS/CTN
Accessories Battery dimensions		235*175*280mm		235*175*250mm		265*195*320mm		555*195*400mm	2PCS/CTN
Accessories Battery box Gross weight		7.5KG		8.8KG		13.2KG		17.0KG	2PCS/CTN
Light distribution curve		<div></div>							