

Y002 Series Solar Street Light Product



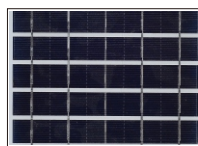
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Y002 All in one Solar LED Street Light



Application

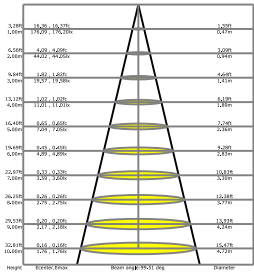
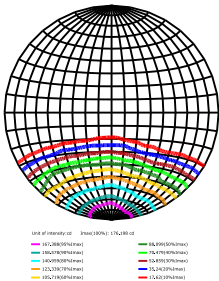
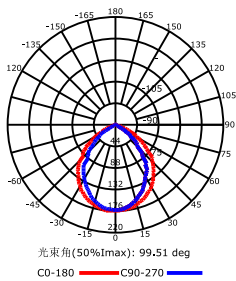


Product Parameters



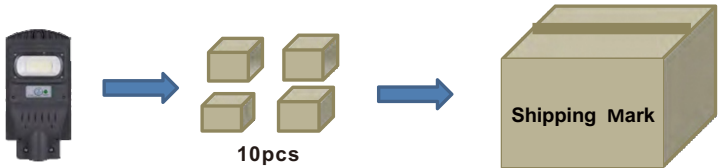
ITEMS	Y002-30W
Solar Panel Parameters	Polysilicon 6V 8W
Battery Parameters	LiFePO4 3.2V 5AH
LED Quantity	SMD 5730 48pcs
Lamp Body Size (mm)	390*195*50mm
CCT	6500K
Changing Time	6-8Hours
Working Time	20-30Hours
Working Mode	Radar Sensor
Luminous Flux	350LM
Operating Temperature	-20°Cto 60°C
Warranty	2 Years
Material	ABS
Remote Control	Yes
Installation Height	3 M
G.W.	1.2Kg/pcs
CTN Packing(mm)	435*335*415mm/10pcs

Distribution



Carton	Measurement	N.W	G.W	QTY
Double wall	435*335*415mm	12.8Kg	13.5Kg	10Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	380Ctns	3800pcs	22.8 M³
40" standard	820Ctns	8200pcs	49.2 M³

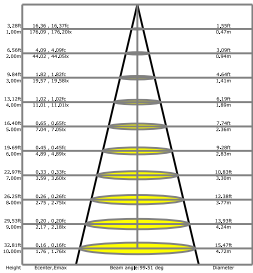
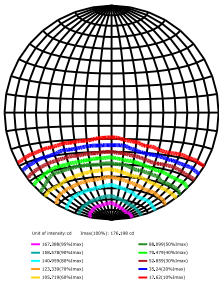
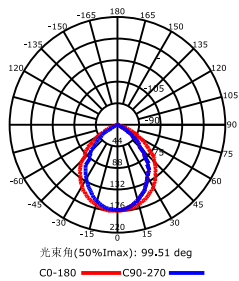


Product Parameters



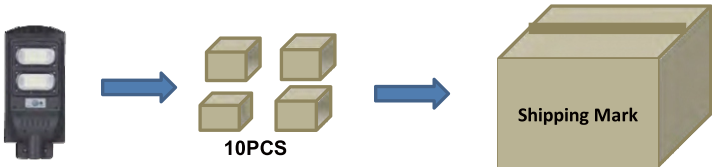
ITEMS	Y002-60W
Solar Panel Parameters	Polysilicon 6V 10W
Battery Parameters	LiFePO4 3.2V 10AH
LED Quantity	SMD 5730 96pcs
Lamp Body Size (mm)	480*220*50mm
CCT	6500K
Changing Time	6-8Hours
Working Time	20-30Hours
Working Mode	Radar Sensor
Luminous Flux	628LM
Operating Temperature	-20℃ to 60℃
Warranty	2 Years
Material	ABS
Remote Control	Yes
Installation Height	3-4M
G.W.	1.9Kg/pcs
CTN Packing(mm)	480*370*520mm/10pcs

Distribution



Carton	Measurement	N.W	G.W	QTY
Double wall	480*370*520mm	20.5Kg	22Kg	10Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	200Ctns	2000pcs	18 M³
40" standard	440Ctns	4400pcs	39.6 M³

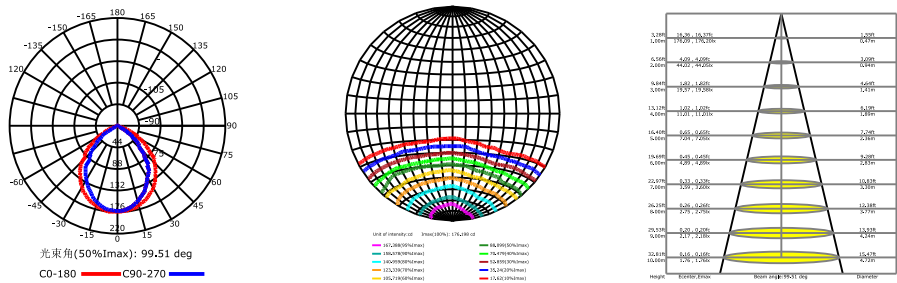


Product Parameters



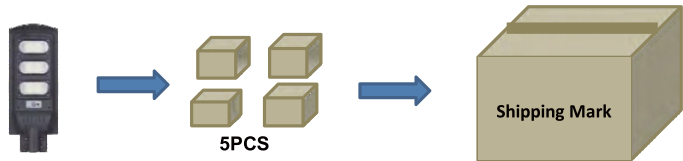
ITEMS	Y002-90W
Solar Panel Parameters	Polysilicon 6V 15W
Battery Parameters	LiFePO4 3.2V 15AH
LED Quantity	SMD 5730 144pcs
Lamp Body Size (mm)	620*230*55mm
CCT	6500K
Changing Time	6-8Hours
Working Time	20-30Hours
Working Mode	Radar Sensor
Luminous Flux	875LM
Operating Temperature	-20℃ to 60℃
Warranty	2 Years
Material	ABS
Remote Control	Yes
Installation Height	5M
G.W.	3.5Kg/pcs
CTN Packing(mm)	375*265*650mm/5pcs

Distribution



Carton	Measurement	N.W	G.W	QTY
Double wall	375*260*650mm	14.5Kg	16Kg	5Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	320Ctns	1600pcs	19.2 M³
40" standard	720Ctns	3600pcs	43.2 M³

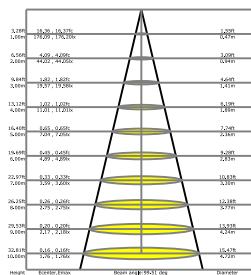
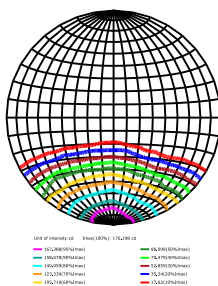
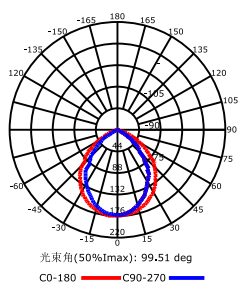


Product Parameters



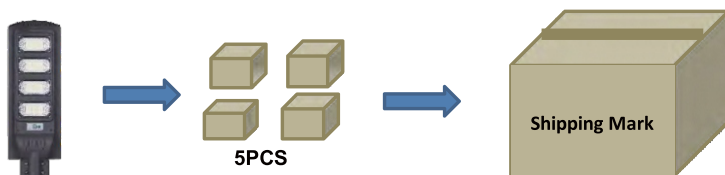
ITEMS	Y002-120W
Solar Panel Parameters	Polysilicon 6V 20W
Battery Parameters	LiFP04 3.2V 15AH
LED Quantity	SMD 5730 192pcs
Lamp Body Size (mm)	725*235*55mm
CCT	6500K
Changing Time	6-8Hours
Working Time	20-30Hours
Working Mode	Radar Sensor
Luminous Flux	1250LM
Operating Temperature	-20℃ to 60℃
Warranty	2 Years
Material	ABS
Remote Control	Yes
Installation Height	5M
G.W.	4.1Kg/pcs
CTN Packing(mm)	755*380*270mm/5pcs

Distribution



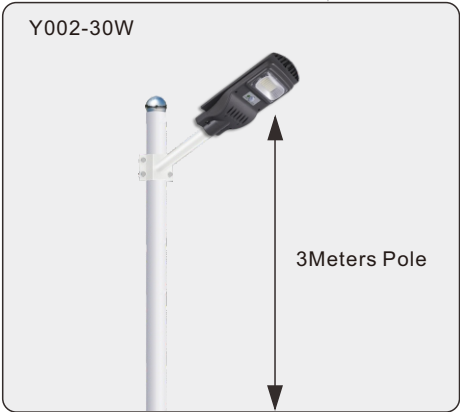
Carton	Measurement	N.W	G.W	QTY
Double wall	755*380*270mm	18Kg	19Kg	5Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	320Ctns	1600pcs	19.2 M³
40" standard	720Ctns	3600pcs	43.2 M³



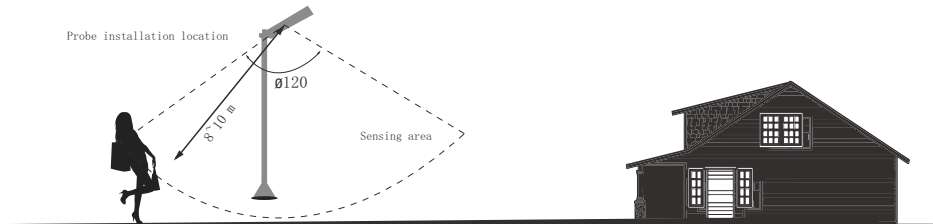
Recommended Installation Height

According to the optical test results of our products, we will recommend different installation heights for different models of our products, but the actual installation heights should be changed according to your local sunshine.



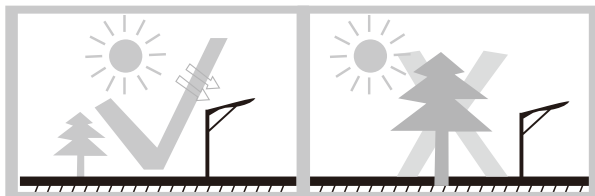
Motion Sensor Inductive Range Diagram

When install the solar light, please adjust the angle of the solar light. Please use the degree locator(screw) and adjust the sensor accordingly. Each degree(direction)will affect the coverage area of targeted location, so adjust accordingly for optimum performance.

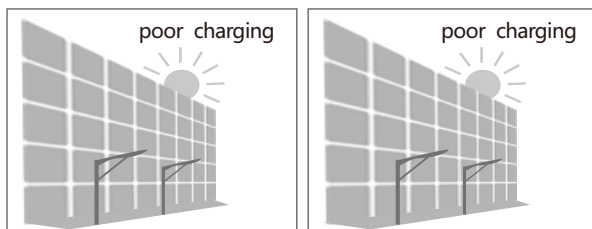


Installation instructions

Attention issue 1:



Attention issue 2:



★ Please choose a place where is full of sunlight and can be completely exposed to the sun, Notice that the solar panels must not be covered ,and must be exposed to the sun.

Attention Issues

(1)"All-in-one Solar street light" will not work without sun. Please choose the m-atched model according to the local Sunlight intensity or the total annual radiation of solar energy. In the area of lacking sunlight or in long continuous rainy days. the working time of solar lights would be shortened or can not light up. All-in-one light with mains supply or solar dual-mode electric power supply is suggested to choose in such cases.

(2)"All-in-one Solar street light" selects long life span lithium battery as energy storage device. Discharge condition at night is at temperature $-20^{\circ}\text{C}\sim+75^{\circ}\text{C}$, bat-tery performance will be damaged beyond this range. Please make sure the loc-al extreme temperature does not exceed the above condition when choosing the"All-in-one models"

(3)When installing"All-in-one Solar street light", make the solar panel towards the direction of the sun as far as possible in order to get maximum energy and meanwhile avoid houses or the shadow of obstacles such as trees, otherwise, it will reduce the generating efficiency of the solar panel, and due to a shorten working time.

Packing Pictures



Series Products



Series Packing Parameters

Model No.	Color Box (mm)	Weight (KG)	CTN SIZE (mm)	CTN (pcs)	Weight (KG)
Y002-30W	395*210*60mm	1.2KG	435*335*415mm	10pcs	15KG
Y002-60W	480*220*50mm	1.9KG	480*370*520mm	10pcs	21KG
Y002-90W	620*230*55mm	3.5KG	516*370*645mm	10pcs	25KG
Y002-120W	725*235*55mm	4.1KG	755*380*270mm	5pcs	23KG

