

LHY Series Solar Street Light Product

**Solar
LED STREET LIGHT**

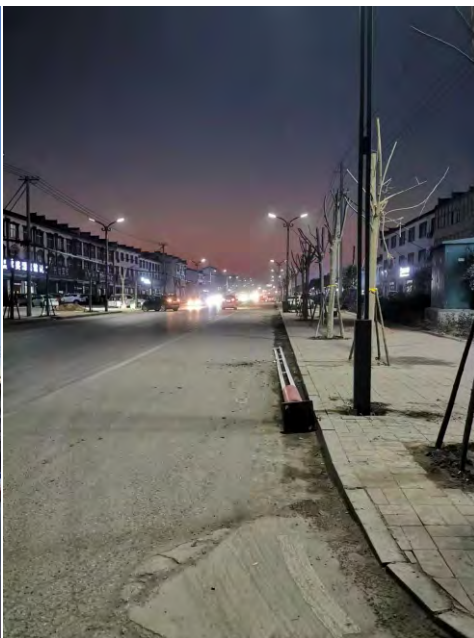


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LHY All in one Solar LED Street Light



Application

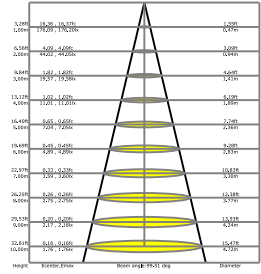
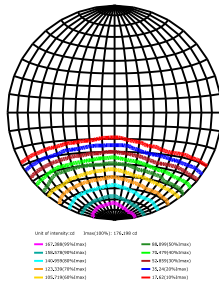
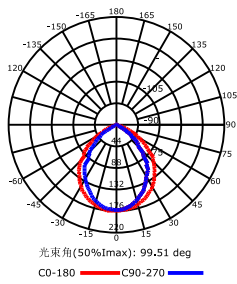


Product Parameters



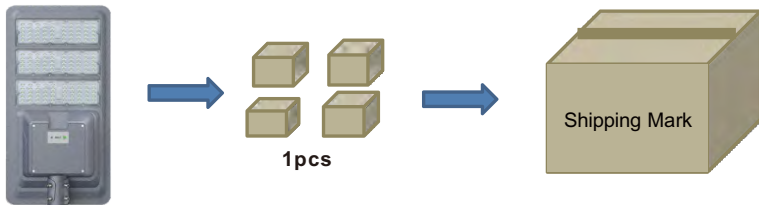
ITEMS	LHY-300
Solar Panel Parameters	Polysilicon 6V 40W
Battery Parameters	LiFePO4 3.2V 40AH
LED Quantity	SMD 3030 306pcs
Lamp Body Size (mm)	703*365*86mm
CCT	6500K
Changing Time	6-8Hours
Working Time	20-30Hours
Working Mode	Radar Sensor
Luminous Flux	3600LM
Operating Temperature	-20°Cto 60°C
Warranty	2 Years
Material	Aluminium
Remote Control	Yes
Installation Height	4-5 M
G.W.	4.92Kg/pcs
CTN Packing(mm)	760*415*130mm/1pcs

Distribution



Carton	Measurement	N.W	G.W	QTY
Double wall	760*415*130mm	3.98Kg	4.92Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	634Ctns	634pcs	25.3 M³
40" standard	1366Ctns	1366pcs	54.6 M³

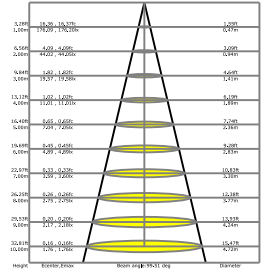
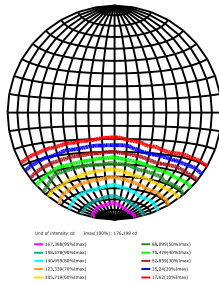
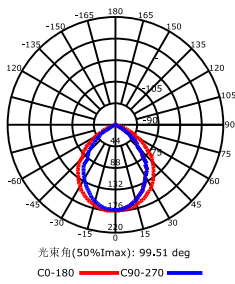


Product Parameters



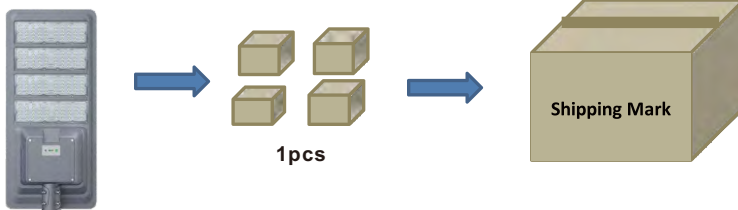
ITEMS	LHY-400
Solar Panel Parameters	Polysilicon 6V 45W
Battery Parameters	LiFePO4 3.2V 45AH
LED Quantity	SMD 3030 408pcs
Lamp Body Size (mm)	810*365*86mm
CCT	6500K
Changing Time	6-8Hours
Working Time	20-30Hours
Working Mode	Radar Sensor
Luminous Flux	5200LM
Operating Temperature	-20°C to 60°C
Warranty	2 Years
Material	Aluminium
Remote Control	Yes
Installation Height	5-6M
G.W.	6.78Kg/pcs
CTN Packing(mm)	865*415*130mm/1pcs

Distribution

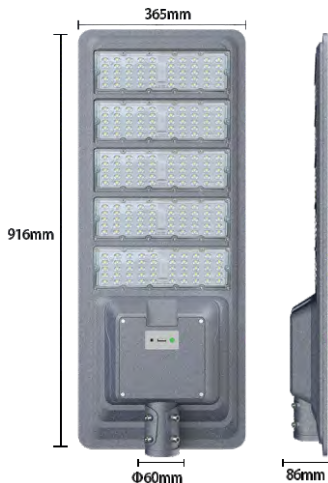


Carton	Measurement	N.W	G.W	QTY
Double wall	865*415*130mm	5.85Kg	6.78Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	557Ctns	557pcs	27.8 M³
40" standard	1200Ctns	1200pcs	60 M³

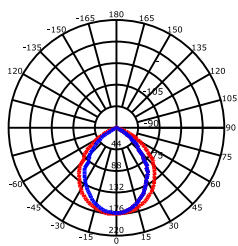


Product Parameters

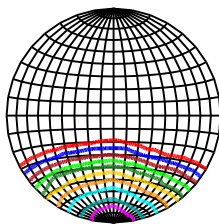


ITEMS	LHY-500
Solar Panel Parameters	Polysilicon 6V 53W
Battery Parameters	LiFePO4 3.2V 50AH
LED Quantity	SMD 3030 510pcs
Lamp Body Size (mm)	916*365*87mm
CCT	6500K
Changing Time	6-8Hours
Working Time	20-30Hours
Working Mode	Radar Sensor
Luminous Flux	6800LM
Operating Temperature	-20°C to 60°C
Warranty	2 Years
Material	Aluminium
Remote Control	Yes
Installation Height	5-6M
G.W.	8.56Kg/pcs
CTN Packing(mm)	970*415*130mm/1pcs

Distribution

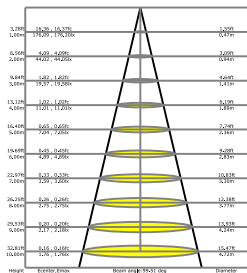


光束角(50%Imax): 99.51 deg
C0-180 C90-270



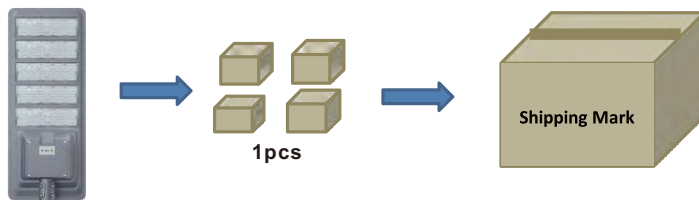
Unit of Intensity (cd): 100000000 (100,000,000)

- 0-100 (0%Imax)
- 100000 (100,000)
- 10000 (10,000)
- 1000 (1,000)
- 100 (100)
- 10 (10)
- 1 (1)
- 0.1 (0.1)
- 0.01 (0.01)
- 0.001 (0.001)
- 0.0001 (0.0001)
- 0.00001 (0.00001)
- 0.000001 (0.000001)



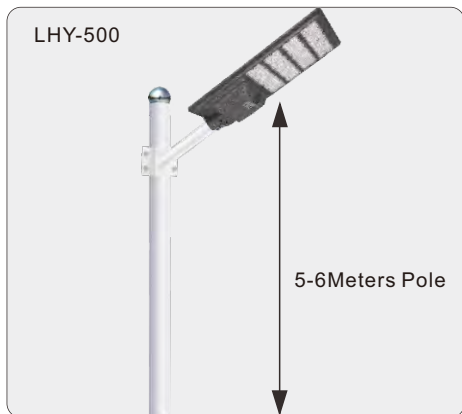
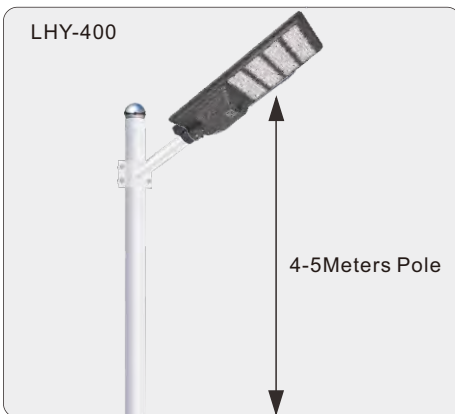
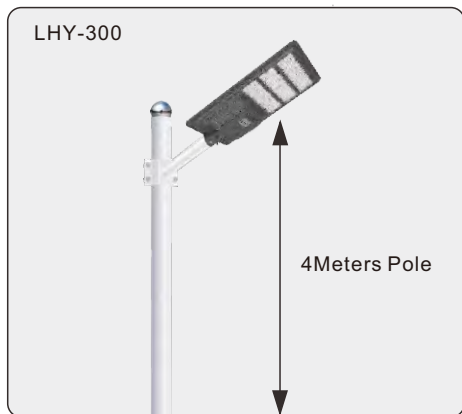
Carton	Measurement	N.W	G.W	QTY
Double wall	970*415*130mm	7.95Kg	8.56Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	497Ctns	497pcs	24.8 M³
40" standard	1070Ctns	1070pcs	53.5 M³



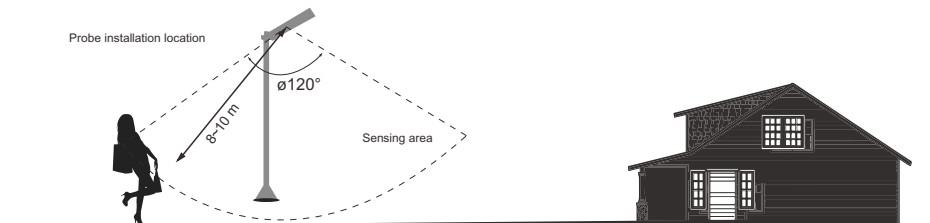
Recommended Installation Height

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.



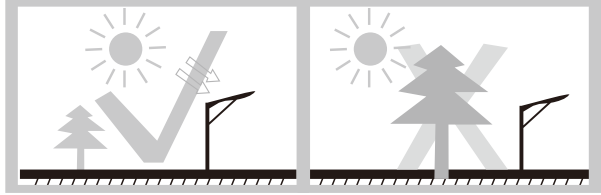
Motion Sensor Inductive Range Diagram

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.

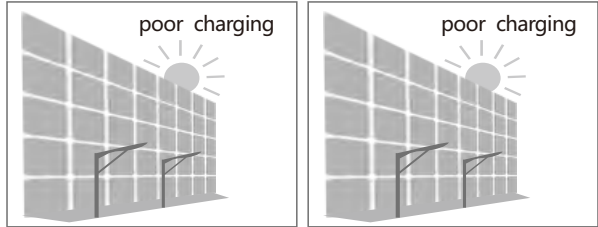


Installation instructions

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 $-20\text{ }^{\circ}\text{C}\sim+75\text{ }^{\circ}\text{C}$, 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)
LHY-300	760*415*130mm	4.92KG	760*415*130mm	1pcs	4.92KG
LHY-400	865*415*130mm	6.78KG	865*415*130mm	1pcs	6.78KG
LHY-500	970*415*130mm	8.56KG	970*415*130mm	1pcs	8.56KG

