

## Y022 Series Solar Street Light Product



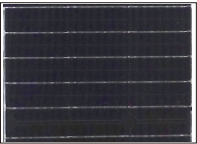
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Y022 All in one Solar LED Street Light



Application

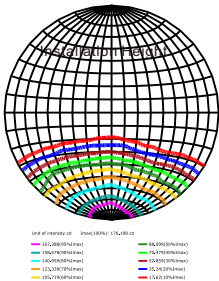
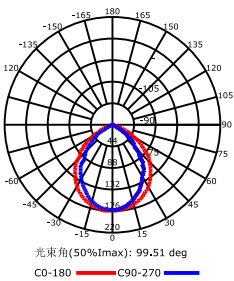


Product Parameters



| ITEMS                  | Y022-30W                          |
|------------------------|-----------------------------------|
| Solar Panel Parameters | Polysilicon 6V 8W (257*170*4.5mm) |
| Battery Parameters     | LiFePO4 3.2V 5AH                  |
| LED Quantity           | SMD2835 60pcs                     |
| Lamp Body Size (mm)    | 360*190*60mm                      |
| CCT                    | 6500K                             |
| Changing Time          | 6-8hours                          |
| Working Time           | 10-12Hours                        |
| Working Mode           | Radar Sensor                      |
| Luminous Flux          | 200-500 LM                        |
| Operating Temperature  | -20°Cto 60°C                      |
| Warranty               | 2 Years                           |
| Material               | ABS                               |
| Remote Control         | Yes                               |
| Installation Height    | 3-4 M                             |
| G.W.                   | 360*160*62mm 1.5Kg/pcs            |
| CTN Packing(mm)        | 640*370*205mm 10pcs 15Kg/CTN      |

Distribution

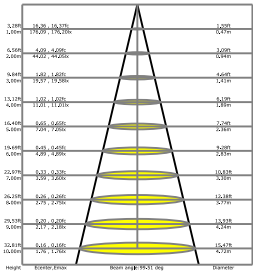
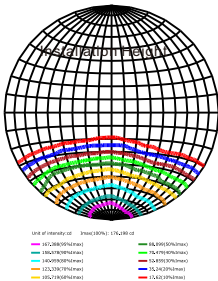
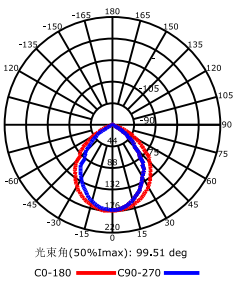


Product Parameters



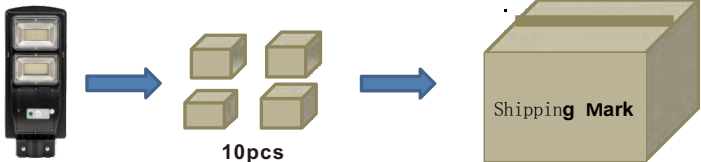
| ITEMS                  | Y022-60W                           |
|------------------------|------------------------------------|
| Solar Panel Parameters | Polysilicon 6V 12W (380*175*4.5mm) |
| Battery Parameters     | LiFePO4 3.2V 10AH                  |
| LED Quantity           | SMD2835 120pcs                     |
| Lamp Body Size (mm)    | 470*190*60mm                       |
| CCT                    | 6500K                              |
| Changing Time          | 6-8hours                           |
| Working Time           | 12-15Hours                         |
| Working Mode           | Radar Sensor                       |
| Luminous Flux          | 500-700 LM                         |
| Operating Temperature  | -20°Cto 60°C                       |
| Warranty               | 2 Years                            |
| Material               | ABS                                |
| Remote Control         | Yes                                |
| Installation Height    | 4-5 M                              |
| G.W.                   | 470*195*62mm 1.9Kg/pcs             |
| CTN Packing(mm)        | 640*480*210mm 10pcs 19.5Kg/CTN     |

Distribution



| Carton      | Measurement   | N.W  | G.W    | QTY |
|-------------|---------------|------|--------|-----|
| Double wall | 640*480*210mm | 17Kg | 19.5Kg | 10  |

| Container | CTNS     | Q'TY     | Volume (M³) |
|-----------|----------|----------|-------------|
| 20' GP    | 390Ctns  | 3900pcs  | 27.3 M³     |
| 40' GP    | 850Ctns  | 8500pcs  | 59.5 M³     |
| 40'HQ     | 1000Ctns | 10000pcs | 70 M³       |

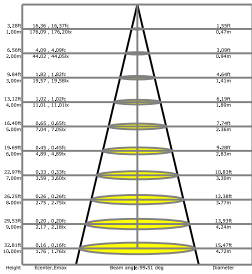
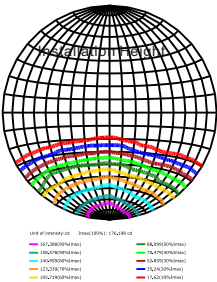
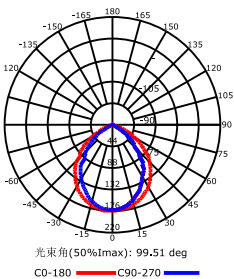


Product Parameters



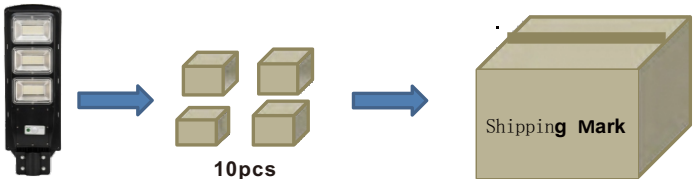
| ITEMS                  | Y022-90W                          |
|------------------------|-----------------------------------|
| Solar Panel Parameters | Polysilicon 6V 15W(488*178*4.5mm) |
| Battery Parameters     | LiFePO4 3.2V 15AH                 |
| LED Quantity           | SMD2835 180pcs                    |
| Lamp Body Size (mm)    | 600*190*60mm                      |
| CCT                    | 6500K                             |
| Changing Time          | 6-8hours                          |
| Working Time           | 18-20Hours                        |
| Working Mode           | Radar Sensor                      |
| Luminous Flux          | 700-900 LM                        |
| Operating Temperature  | -20°Cto 60°C                      |
| Warranty               | 2 Years                           |
| Material               | ABS                               |
| Remote Control         | Yes                               |
| Installation Height    | 5-6 M                             |
| G.W.                   | 605*200*62mm 3.5Kg/pcs            |
| CTN Packing(mm)        | 620*210*330mm 5pcs 17.5Kg/CTN     |

Distribution



| Carton      | Measurement   | N.W    | G.W    | QTY |
|-------------|---------------|--------|--------|-----|
| Double wall | 620*210*330mm | 16.5Kg | 17.5Kg | 5   |

| Container | CTNS     | Q'TY    | Volume M³ |
|-----------|----------|---------|-----------|
| 20' GP    | 600Ctns  | 3000pcs | 24 M³     |
| 40' GP    | 1300Ctns | 6500pcs | 52 M³     |
| 40'HQ     | 1530Ctns | 7650pcs | 61.2 M³   |

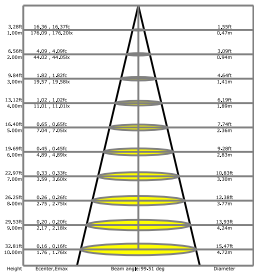
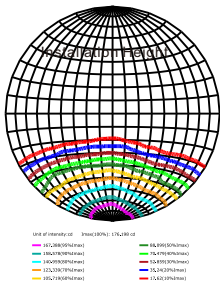
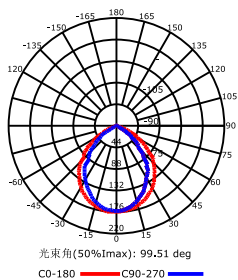


Product Parameters



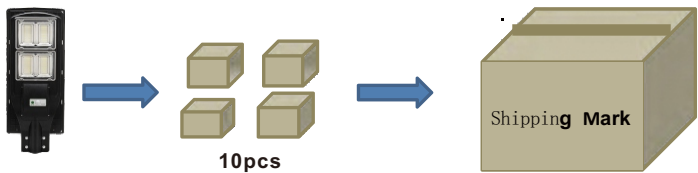
| ITEMS                  | Y022-120W                          |
|------------------------|------------------------------------|
| Solar Panel Parameters | Polysilicon 6V 18W (528*228*4.5mm) |
| Battery Parameters     | LiFePO4 3.2V 18AH                  |
| LED Quantity           | SMD2835 240pcs                     |
| Lamp Body Size (mm)    | 630*248*60mm                       |
| CCT                    | 6500K                              |
| Changing Time          | 6-8hours                           |
| Working Time           | 18-20Hours                         |
| Working Mode           | Radar Sensor                       |
| Luminous Flux          | 1000-1200 LM                       |
| Operating Temperature  | -20°Cto 60°C                       |
| Warranty               | 2 Years                            |
| Material               | ABS                                |
| Remote Control         | Yes                                |
| Installation Height    | 5-6 M                              |
| G.W.                   | 635*258*62mm 4.5Kg/pcs             |
| CTN Packing(mm)        | 650*330*270mm 5pcs 22.5Kg/CTN      |

Distribution



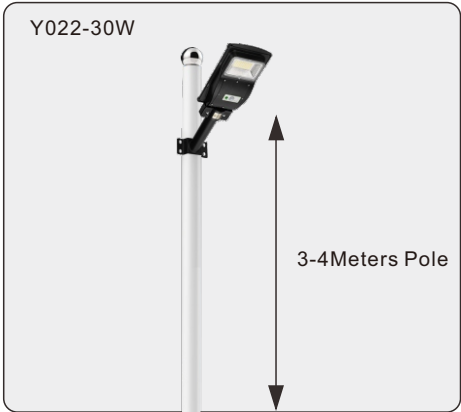
| Carton      | Measurement   | N.W    | G.W    | QTY |
|-------------|---------------|--------|--------|-----|
| Double wall | 635*370*275mm | 19.5Kg | 22.5Kg | 5   |

| Container | CTNS     | Q'TY    | Volume M³ |
|-----------|----------|---------|-----------|
| 20' GP    | 440Ctns  | 1120pcs | 26.4 M³   |
| 40' GP    | 960Ctns  | 4800pcs | 57.6 M³   |
| 40'HQ     | 1120Ctns | 5600pcs | 67.2 M³   |



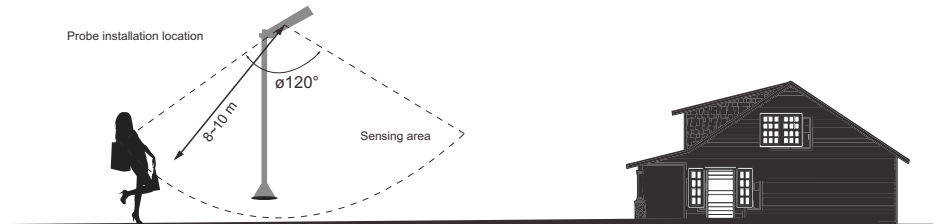
Recommended Installation Height

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.



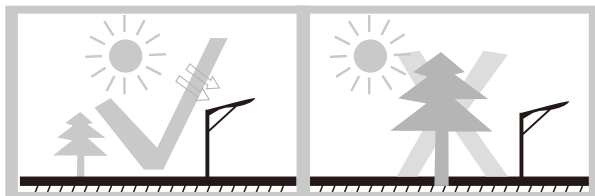
Motion Sensor Inductive Range Diagram

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.

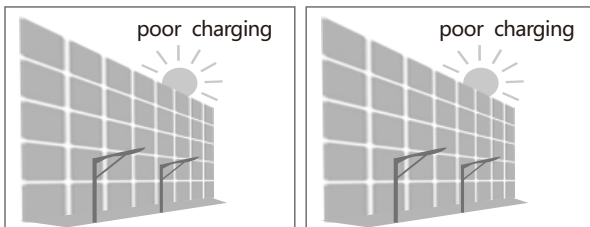


## Installation instructions

### 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) |
|-----------|----------------|-------------|---------------|-----------|-------------|
| Y022-30W  | 360*160*62mm   | 1.5KG       | 640*370*205mm | 10pcs     | 15KG        |
| Y022-60W  | 470*195*62mm   | 1.9KG       | 640*480*210mm | 10pcs     | 19.5KG      |
| Y022-90W  | 605*200*62mm   | 3.5KG       | 620*210*330mm | 5pcs      | 17.5KG      |
| Y022-120W | 635*258*62mm   | 4.5KG       | 650*330*270mm | 5pcs      | 22.5KG      |

