

SOLAR LIGHTING

SINOLTECH CATALOG

2021 NEW

Shandong Sinoltech International Co., Ltd

As a leading designer and supplier for high quality Solar Lighting products ever since 2013, SINOLTECH always focus on customer needs. Sinoltech has obtained 2 patents on Flex PV prebonded solar street post and Cylinder PV vertical solar street light, in order to integrate solar into building, realizing the aesthetics and harmony between Solar and Street Furniture.

Start
2021

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1

Economical Series All In One Solar Lights

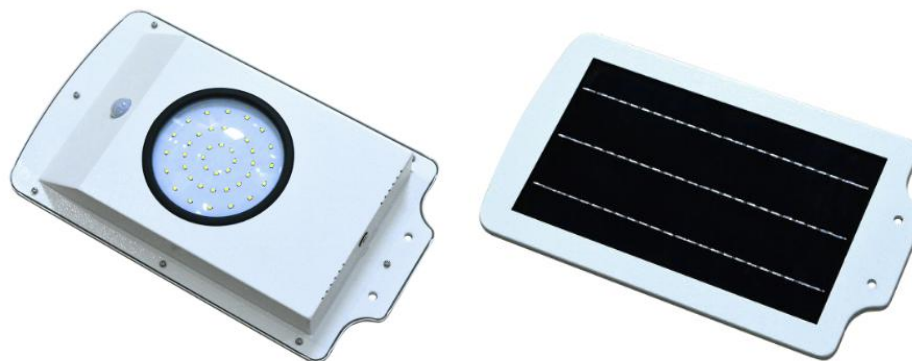
6W LED | SNSTY-206

Electrical Characteristic

Rated Power	6W
Solar Panel	12V/10W
Lithium Battery	7.4V/4AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	40PCs
Lumen Flux(LM)	600-700 LM
Luminous Efficiency (LM/W)	110-120LM/W
Light Distribution	Original Distribution
Color Temperature(CCT)	2800-6500K



Mechanical Specification

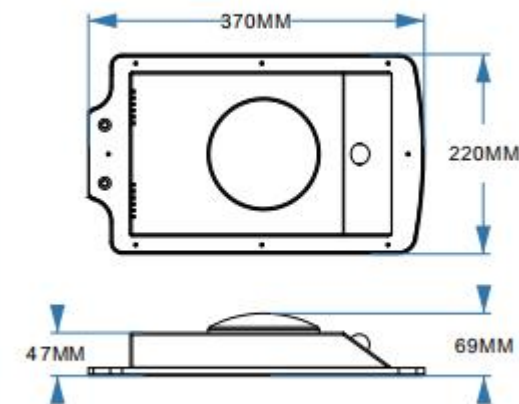
Light Body Size	270x220x47MM
Net Weight	2.5KG
Installation Height	2-3M
Pole Distance	6-9M

Packing Dimension

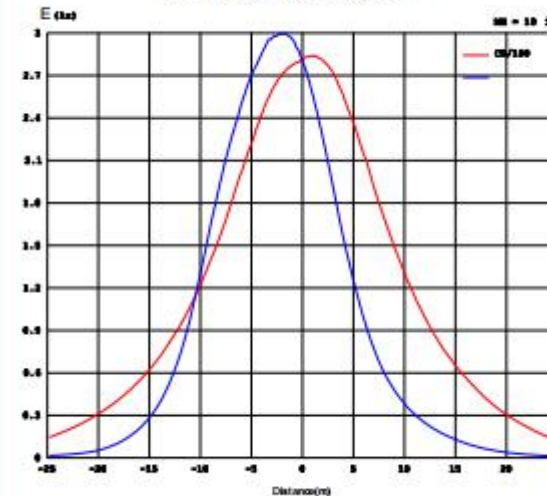
Packing Type	1pcs/carton
Packing Size	435x265x110MM
Gross Weight	3KG

Function

PIR Sensor/ Light Control/Time Control



Planar Illuminance Curve



1

Economical Series All In One Solar Lights

8W LED | SNSTY-208

Electrical Characteristic

Rated Power	8W
Solar Panel	12V/15W
Lithium Battery	12V/6AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	9PCs
Lumen Flux(LM)	900-950 LM
Luminous Efficiency (LM/W)	110-120LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

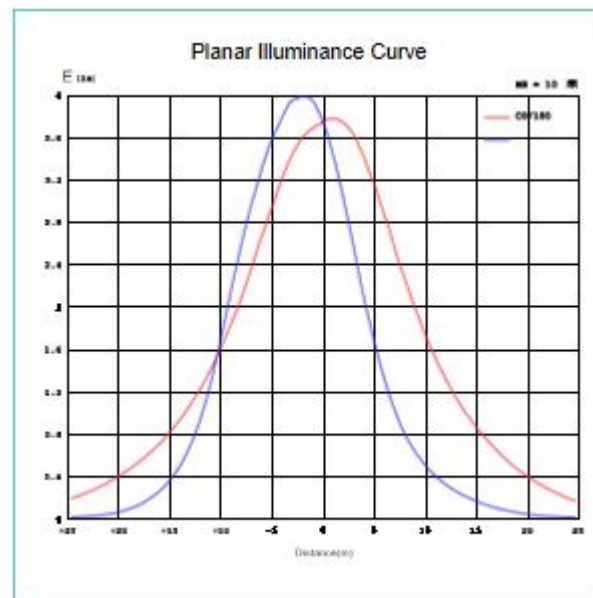
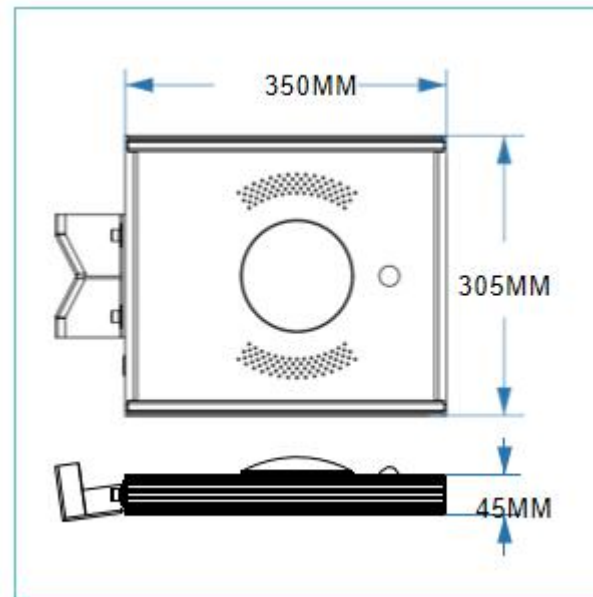
Light Body Size	350x305x45MM
Net Weight	3.5KG
Installation Height	2-3M
Pole Distance	6-9M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	455x340x130MM
Gross Weight	4.2KG

Function

PIR Sensor/ Light Control/Time Control



1

Economical Series All In One Solar Lights

12W LED | SNSTY-212

Electrical Characteristic

Rated Power	12W
Solar Panel	18V/18W
Lithium Battery	12V/7AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	12PCs
Lumen Flux(LM)	1200-1350 LM
Luminous Efficiency (LM/W)	110-120LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

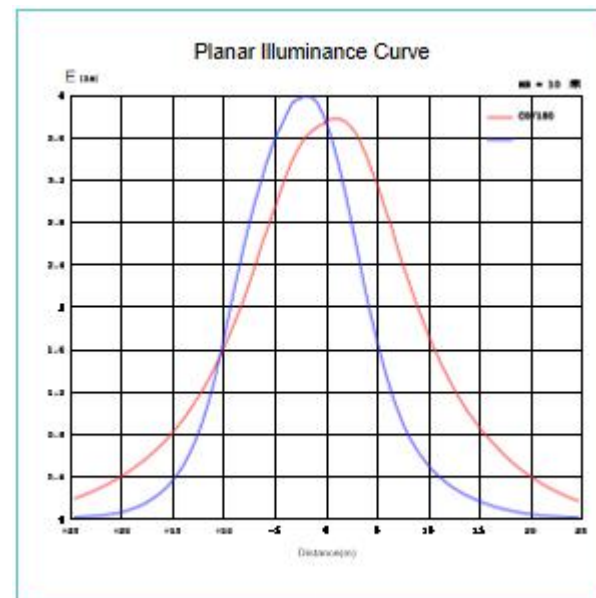
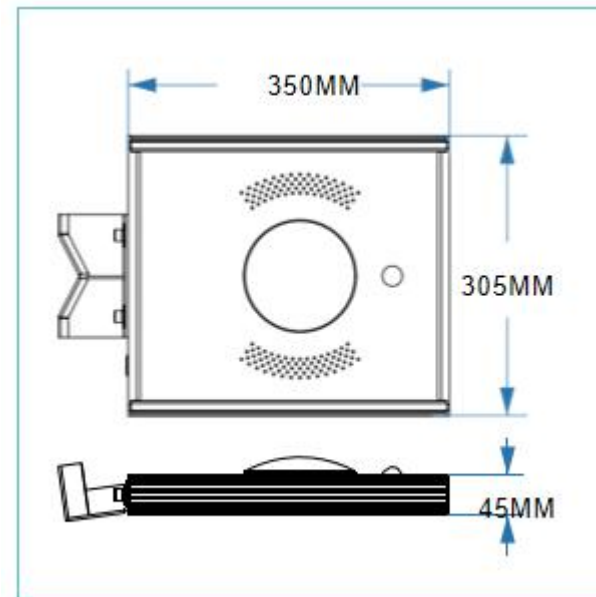
Light Body Size	350x305x45MM
Net Weight	3.5KG
Installation Height	3-4M
Pole Distance	9-12M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	455x340x130MM
Gross Weight	4.2KG

Function

PIR Sensor/ Light Control/Time Control



1

Economical Series All In One Solar Lights

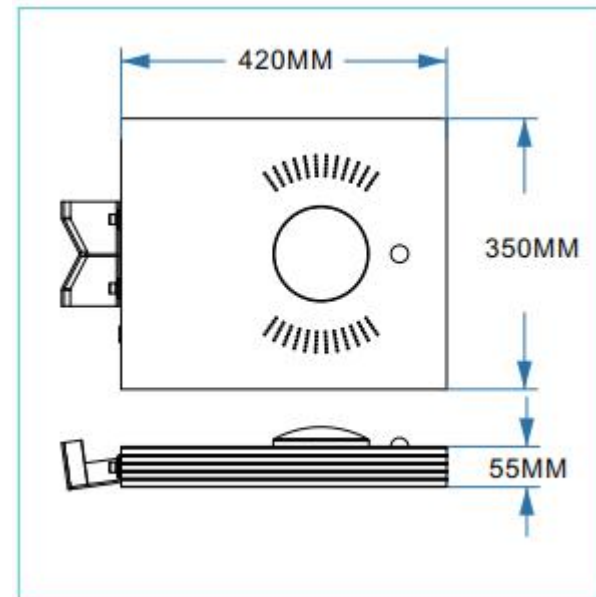
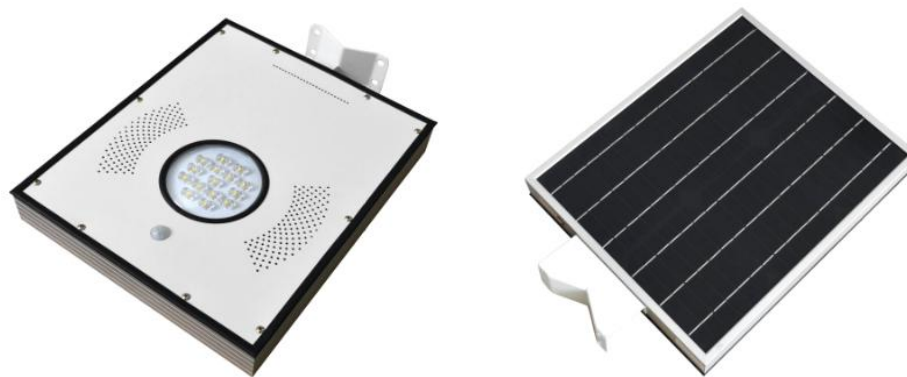
15W LED | SNSTY-215

Electrical Characteristic

Rated Power	15W
Solar Panel	18V/25W
Lithium Battery	12V/10AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	15PCs
Lumen Flux(LM)	1650-1800 LM
Luminous Efficiency (LM/W)	110-120LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

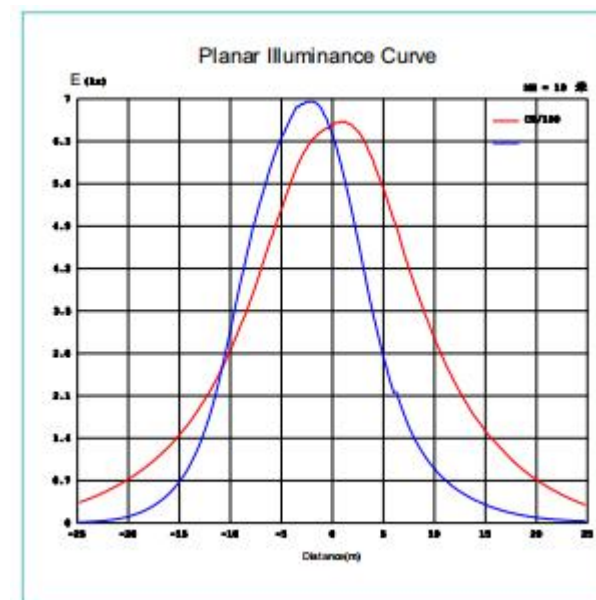
Light Body Size	420x350x55MM
Net Weight	4.2KG
Installation Height	3-4M
Pole Distance	9-12M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	520x395x130MM
Gross Weight	5.2KG

Function

PIR Sensor/ Light Control/Time Control



1

Economical Series All In One Solar Lights

20W LED | SNSTY-220

Electrical Characteristic

Rated Power	20W
Solar Panel	18V/30W
Lithium Battery	12V/13AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	30PCs
Lumen Flux(LM)	2600-3000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

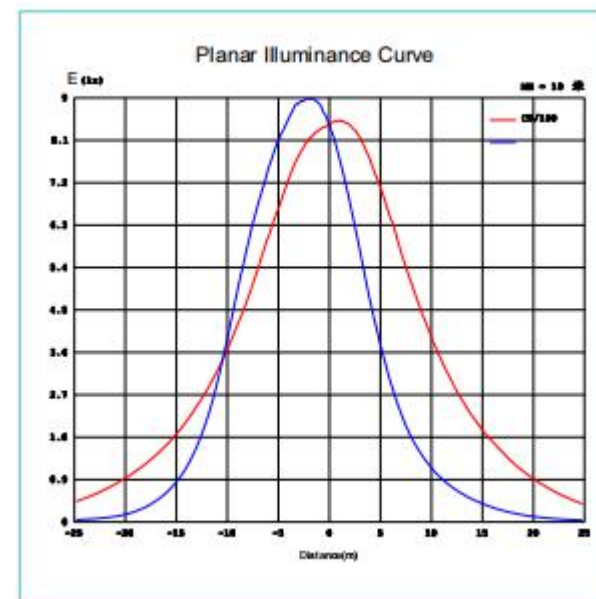
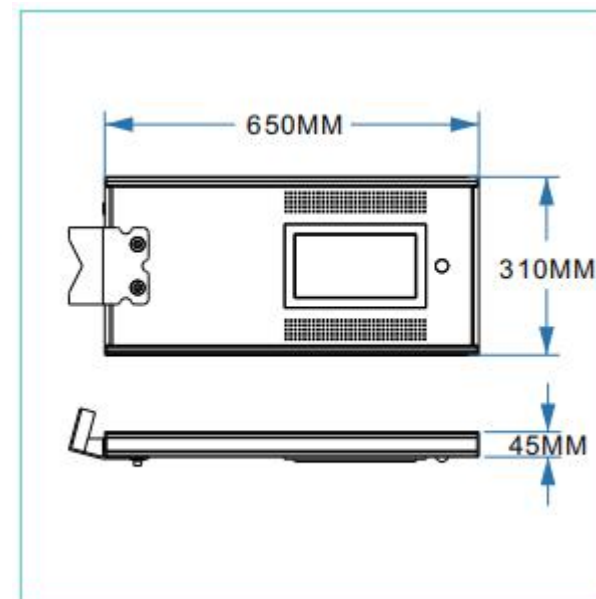
Light Body Size	650x310x45MM
Net Weight	6.9KG
Installation Height	4-5M
Pole Distance	12-15M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	755x395x130MM
Gross Weight	7.9KG

Function

PIR Sensor/ Light Control/Time Control



1

Economical Series All In One Solar Lights

25W LED | SNSTY-225

Electrical Characteristic

Rated Power	25W
Solar Panel	18V/30W
Lithium Battery	12V/15AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	30PCs
Lumen Flux(LM)	3250-3750 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

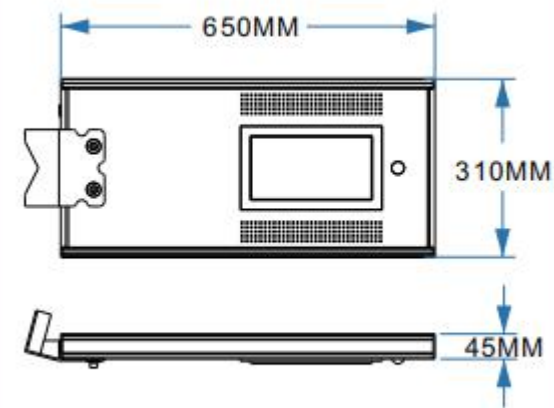
Light Body Size	650x310x45MM
Net Weight	7KG
Installation Height	4-5M
Pole Distance	12-15M

Packing Dimension

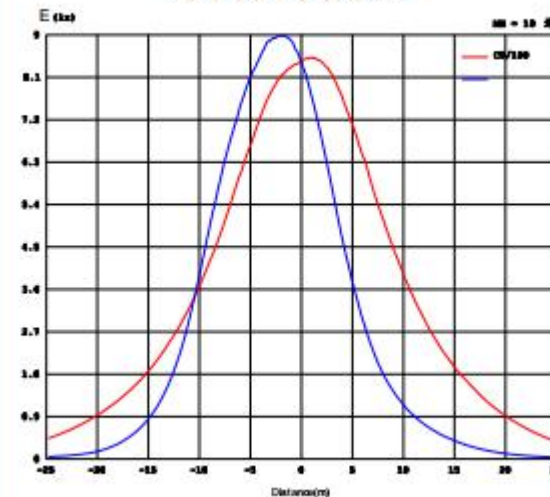
Packing Type	1pcs/carton
Packing Size	755x395x130MM
Gross Weight	8KG

Function

PIR Sensor/ Light Control/Time Control



Planar Illuminance Curve



1

Economical Series All In One Solar Lights

30W LED | SNSTY-230

Electrical Characteristic

Rated Power	30W
Solar Panel	18V/50W
Lithium Battery	12V/20AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	30PCs
Lumen Flux(LM)	3900-4500 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

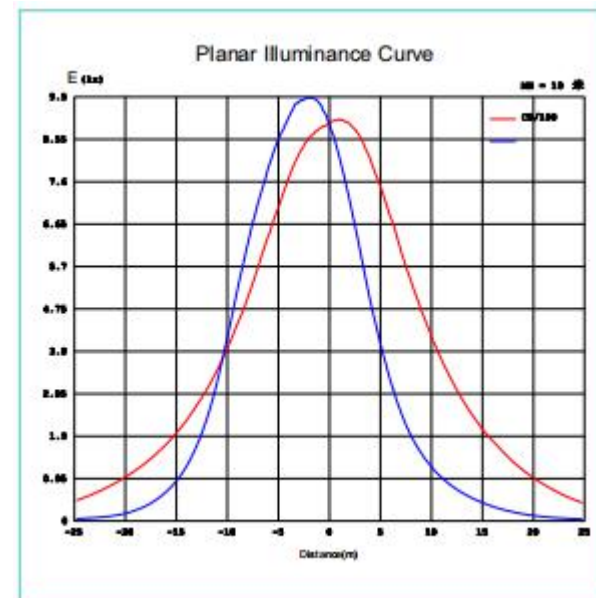
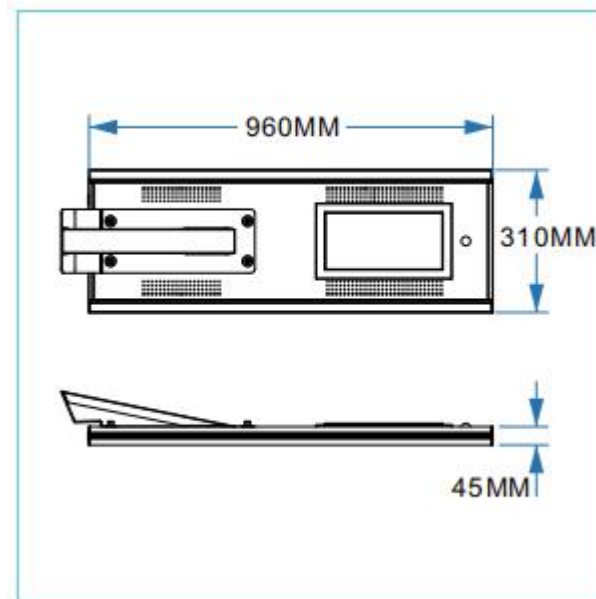
Light Body Size	960x310x45MM
Net Weight	10.4KG
Installation Height	5-6M
Pole Distance	15-20M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	1070x390x195MM
Gross Weight	11.9KG

Function

PIR Sensor/ Light Control/Time Control/Bluetooth APP



1

Economical Series All In One Solar Lights

40W LED | SNSTY-240

Electrical Characteristic

Rated Power	40W
Solar Panel	18V/50W
Lithium Battery	12V/22AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	42PCs
Lumen Flux(LM)	5200-6000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

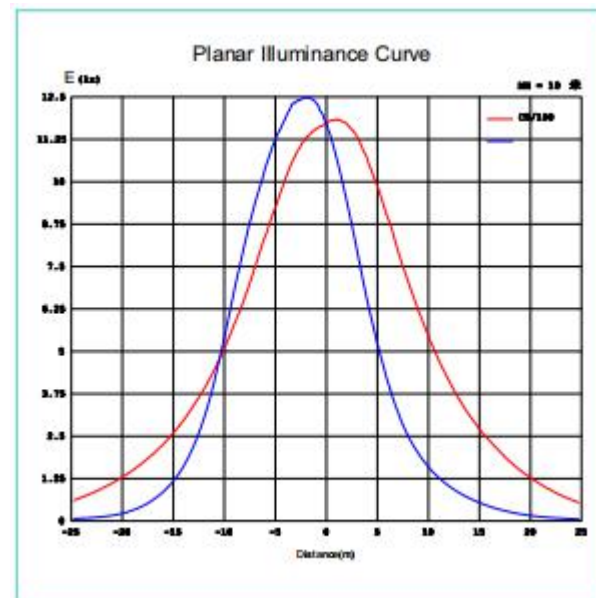
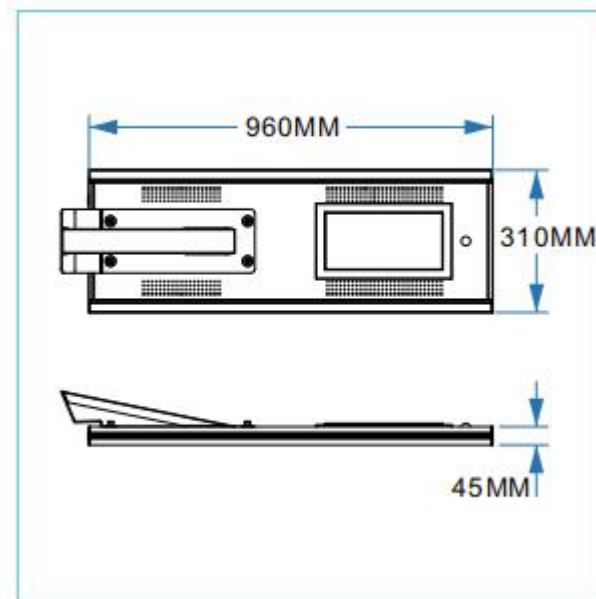
Light Body Size	960x310x45MM
Net Weight	10.5KG
Installation Height	5-6M
Pole Distance	15-20M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	1070x390x195MM
Gross Weight	12KG

Function

PIR Sensor/ Light Control/Time Control/Bluetooth APP



1

Economical Series All In One Solar Lights

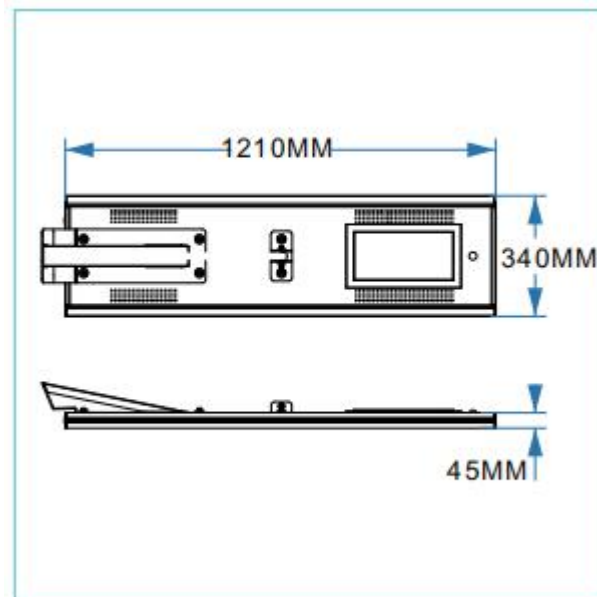
50W LED | SNSTY-250

Electrical Characteristic

Rated Power	50W
Solar Panel	18V/70W
Lithium Battery	12V/30AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	60PCs
Lumen Flux(LM)	6500-7500 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

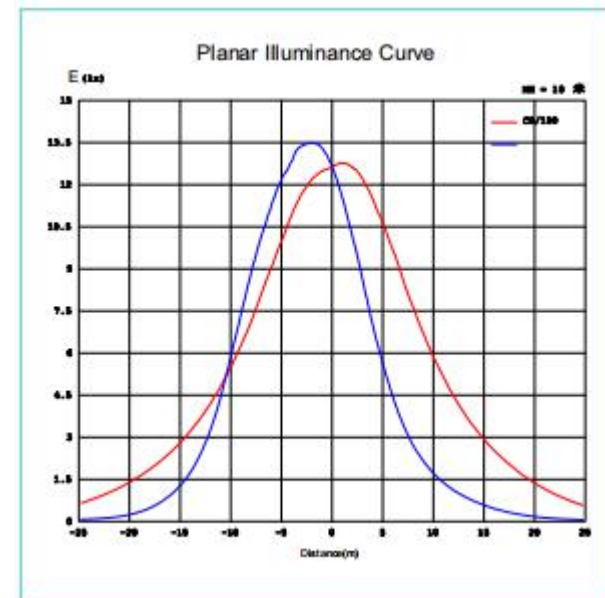
Light Body Size	1210x340x45MM
Net Weight	15.7KG
Installation Height	6-7M
Pole Distance	20-25M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	1345x390x195MM
Gross Weight	18KG

Function

PIR Sensor/ Light Control/Time Control/Bluetooth APP
Optional Function: Pathway Indicator, IP Camera



1

Economical Series All In One Solar Lights

60W LED | SNSTY-260

Electrical Characteristic

Rated Power	60W
Solar Panel	18V/70W
Lithium Battery	12V/32AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	60PCs
Lumen Flux(LM)	7800-9000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

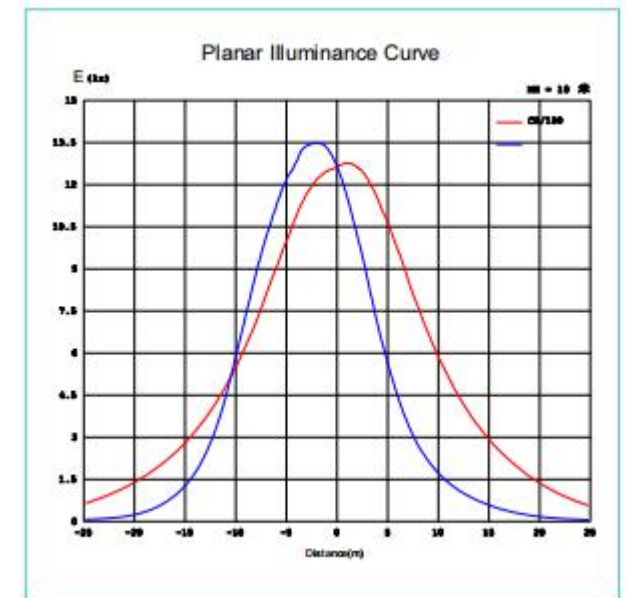
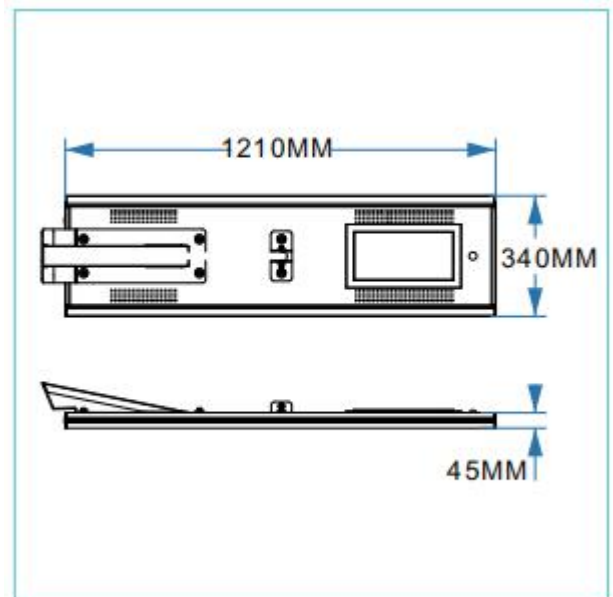
Light Body Size	1210x340x45MM
Net Weight	15.8KG
Installation Height	6-8M
Pole Distance	20-30M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	1345x390x195MM
Gross Weight	18.1KG

Function

PIR Sensor/ Light Control/Time Control/Bluetooth APP
Optional Function: Pathway Indicator, IP Camera



1

Economical Series All In One Solar Lights

80W LED | SNSTY-280

Electrical Characteristic

Rated Power	80W
Solar Panel	18V/90W
Lithium Battery	12V/45AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	84PCs
Lumen Flux(LM)	10400-12000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

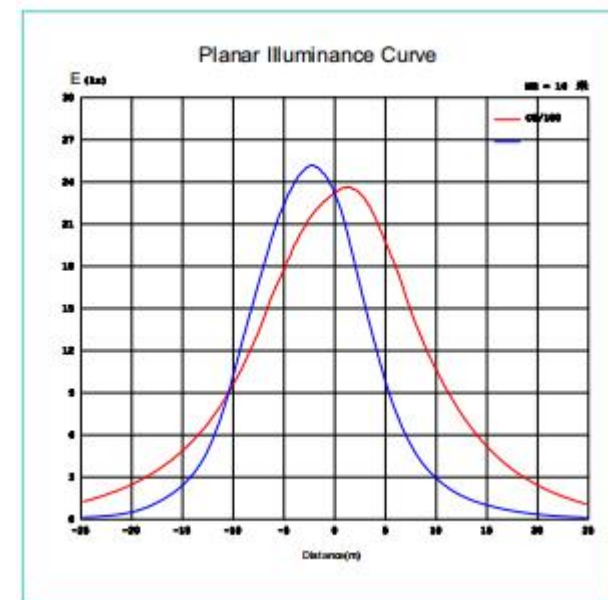
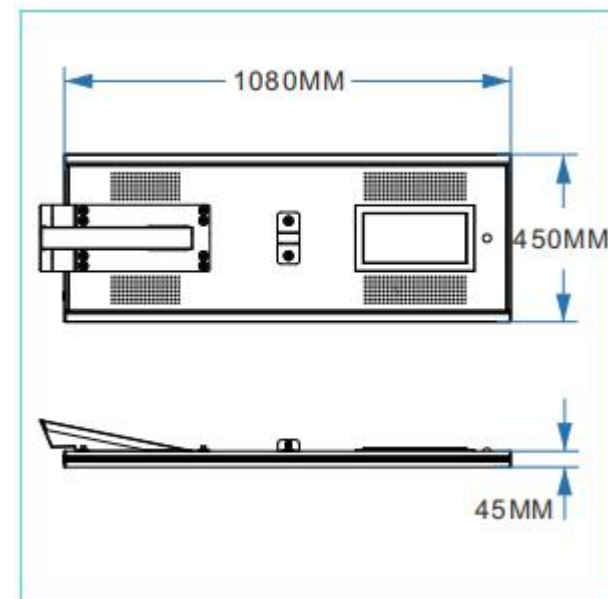
Light Body Size	1080x450x45MM
Net Weight	17.7KG
Installation Height	8-10M
Pole Distance	30-40M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	1195x500x185MM
Gross Weight	20KG

Function

PIR Sensor/ Light Control/Time Control/Bluetooth APP
Optional Function: Pathway Indicator, IP Camera



1

Economical Series All In One Solar Lights

100W LED | SNSTY-2100

Electrical Characteristic

Rated Power	100W
Solar Panel	18V/100W
Lithium Battery	12V/54AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	84PCs
Lumen Flux(LM)	13000-15000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

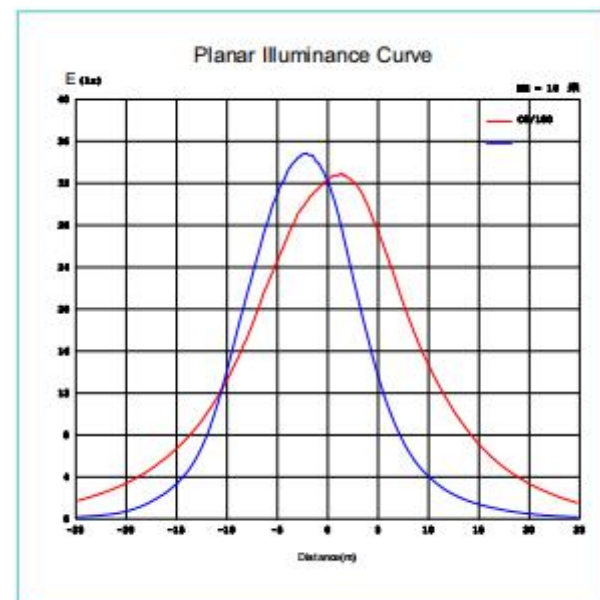
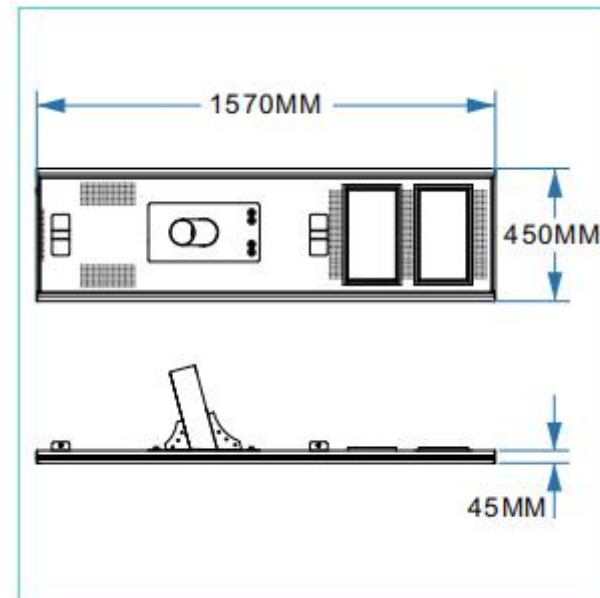
Light Body Size	1210x450x45MM
Net Weight	20KG
Installation Height	9-11M
Pole Distance	35-45M

Packing Dimension

Packing Type	1pcs/carton
Packing Size	1345x500x195MM
Gross Weight	22.5KG

Function

Light Control/Time Control/Bluetooth APP
Optional Function: Pathway Indicator, IP Camera



1

Economical Series All In One Solar Lights

120W LED | SNSTY-2120

Electrical Characteristic

Rated Power	120W
Solar Panel	18V/130W
Lithium Battery	12V/70AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	120PCs
Lumen Flux(LM)	15600-18000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

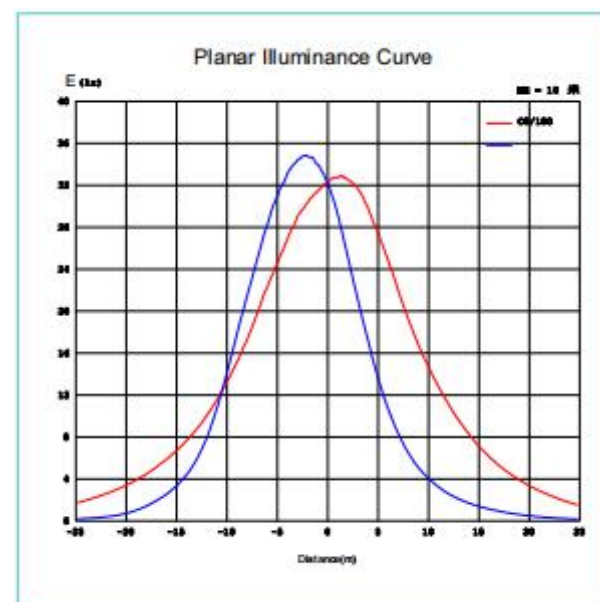
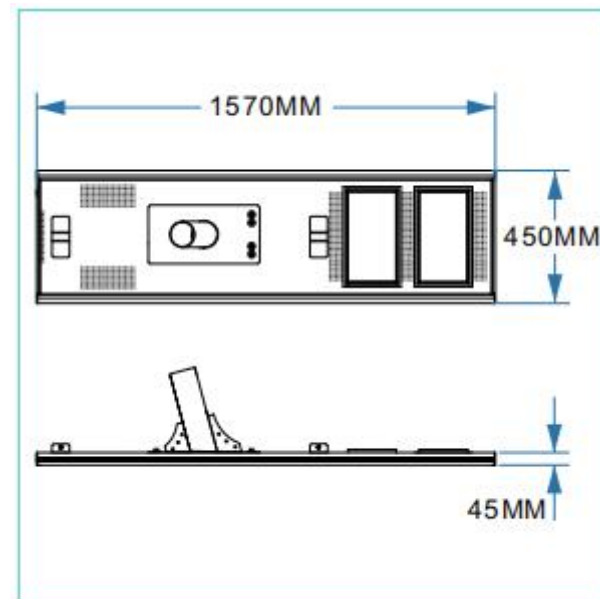
Light Body Size	1570x450x45MM
Net Weight	24KG
Installation Height	10-12M
Pole Distance	40-50M

Packing Dimension

Packing Type	1 set/2 carton
Packing Size(Lighting)	1645x525x120MM(26KG)
Packing Size(Accessory)	405x235x380MM(5.5KG)
Total Gross Weight	31.5KG

Function

Light Control/Time Control/Bluetooth APP
Optional Function: Pathway Indicator, IP Camera



1

Economical Series All In One Solar Lights

20W LED Round | Y-220

Electrical Characteristic

Rated Power	20W
Solar Panel	18V/35W
Lithium Battery	12V/10AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	360PCs
Lumen Flux(LM)	2000-2100 LM
Luminous Efficiency (LM/W)	110-120LM/W
Light Distribution	Original Distribution
Color Temperature(CCT)	2800-6500K



Mechanical Specification

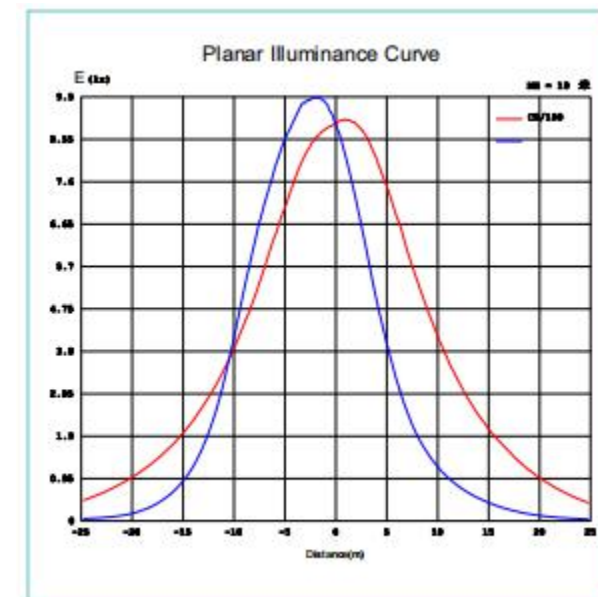
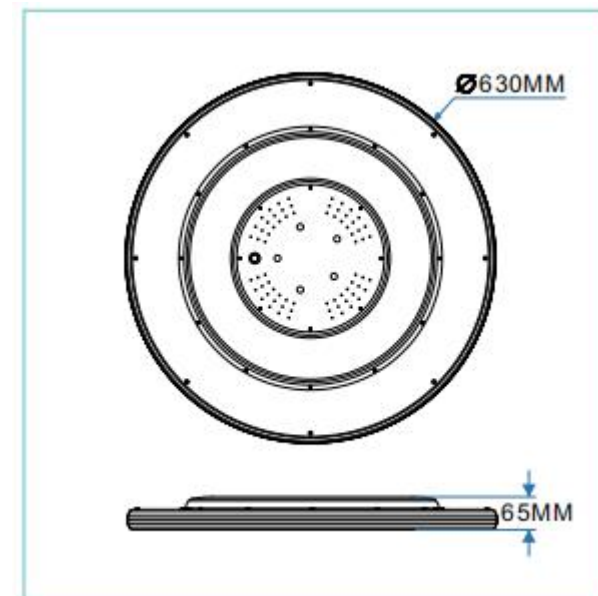
Light Body Size	630x630x65MM
Net Weight	10.5KG
Installation Height	3-4M
Pole Distance	9-12M

Packing Dimension

Packing Type	1 pcs/carton
Packing Size(Lighting)	680x680x140MM
Total Gross Weight	12.5KG

Function

Light Control/Time Control/Bluetooth APP



1

Economical Series All In One Solar Lights

30W LED Round | Y-230

Electrical Characteristic

Rated Power	30W
Solar Panel	18V/50W
Lithium Battery	12V/15AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	360PCs
Lumen Flux(LM)	3000-3100 LM
Luminous Efficiency (LM/W)	110-120LM/W
Light Distribution	Original Distribution
Color Temperature(CCT)	2800-6500K



Mechanical Specification

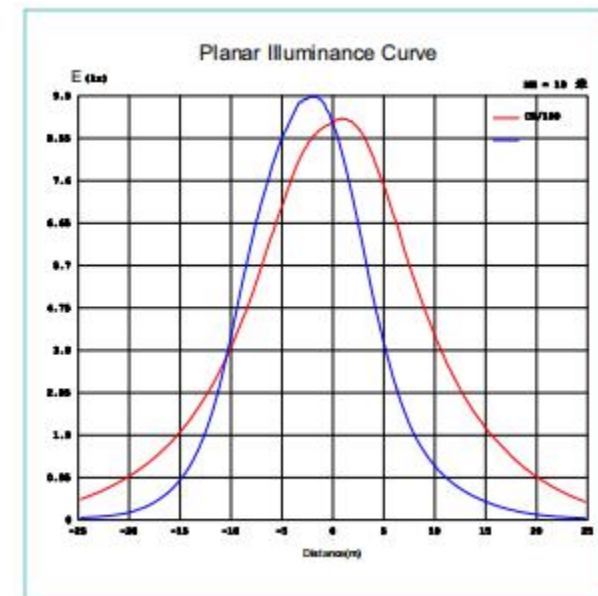
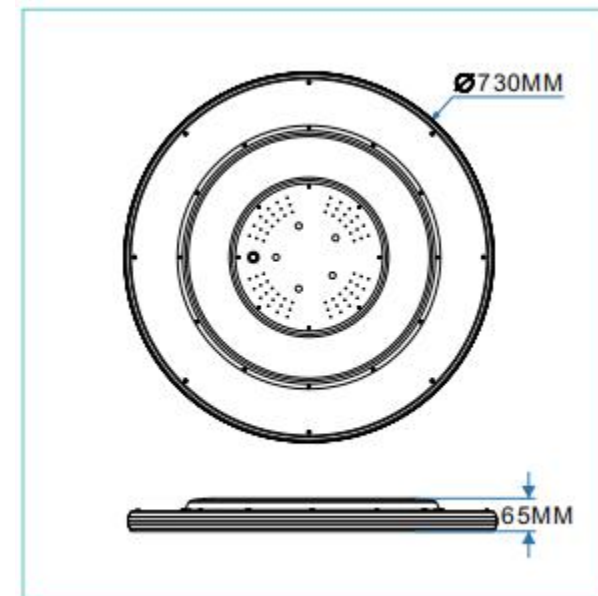
Light Body Size	730x730x65MM
Net Weight	14.2KG
Installation Height	4-5M
Pole Distance	12-15M

Packing Dimension

Packing Type	1 pcs/carton
Packing Size(Lighting)	780x780x140MM
Total Gross Weight	16.8KG

Function

Light Control/Time Control/Bluetooth APP



1

Economical Series All In One Solar Lights

15W LED Fan Shape | S15

Electrical Characteristic

Rated Power	15W
Solar Panel	18V/30W
Lithium Battery	12V/13AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED	351PCs
Lumen Flux(LM)	1600-1700 LM
Luminous Efficiency (LM/W)	110-120LM/W
Light Distribution	Original Distribution
Color Temperature(CCT)	2800-6500K



Mechanical Specification

Light Body Size	615x523x50MM
Net Weight	7KG
Installation Height	3-12M
Pole Distance	10-35M

Packing Dimension

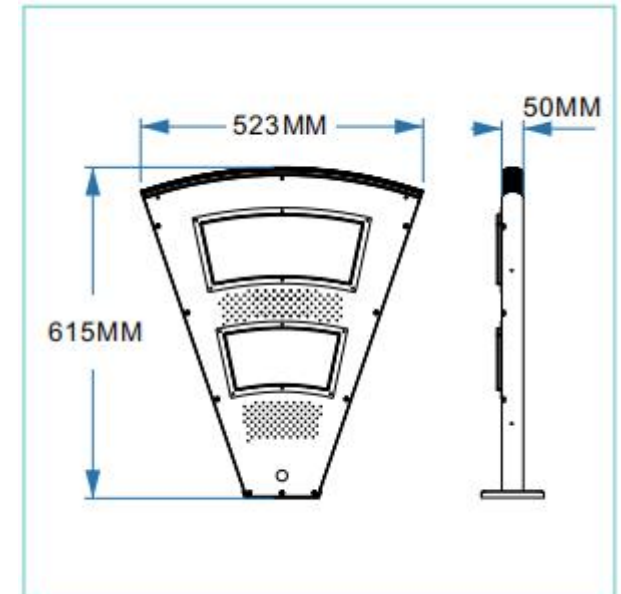
Packing Type	1 pcs/carton
Packing Size(Lighting)	680x585x150MM
Total Gross Weight	9KG

Function

Light Control/Time Control/Bluetooth APP



(1 to 8 pieces can be assembled freely)



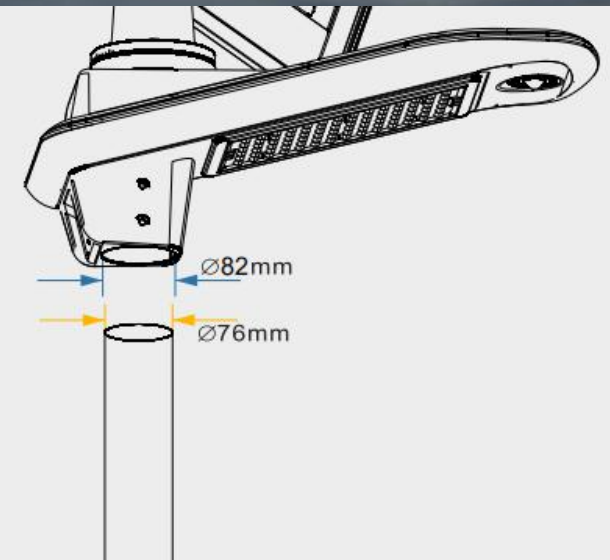
2

ALL IN TWO Series G02 Solar Lights

30W LED SPLIT TYPE | G02-30W



The inner diameter of the light is 82mm, so make sure the external diameter of light pole not more than 76mm



Electrical Characteristic

Rated Power	30W
Solar Panel	18V/60W
Lithium Battery	11.1V/266.4WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42 units(SMD-3535)
Lumen Flux(LM)	4000-5000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K

Mechanical Specification

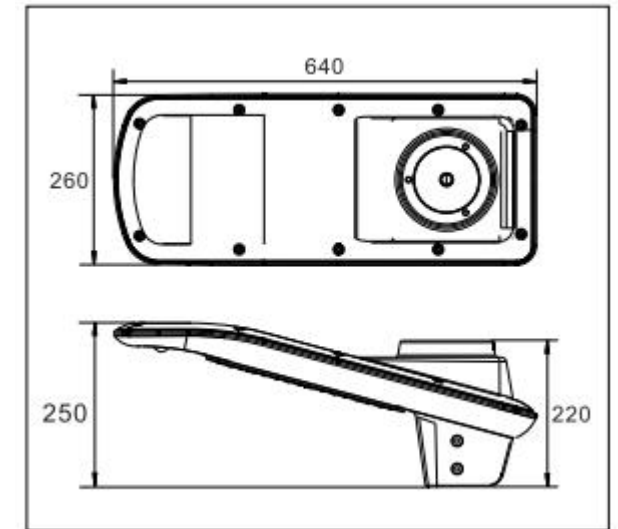
Light Body Size	640x260x250MM
Solar Panel Dimension	780x513x30MM
Net Weight	15KG
Installation Height	4-6 M
Pole Distance	10-15 M

Packing Dimension

Packing Type	1 set/2 cartons
Packing Size(Lighting)	690x330x320MM
Packing Size(Solar Panel)	825x565x75MM
Total Gross Weight	17.8KG

Function

Light Control/Time Control/Bluetooth APP



2

ALL IN TWO Series G02 Solar Lights

40W LED SPLIT TYPE | G02-40W

Electrical Characteristic

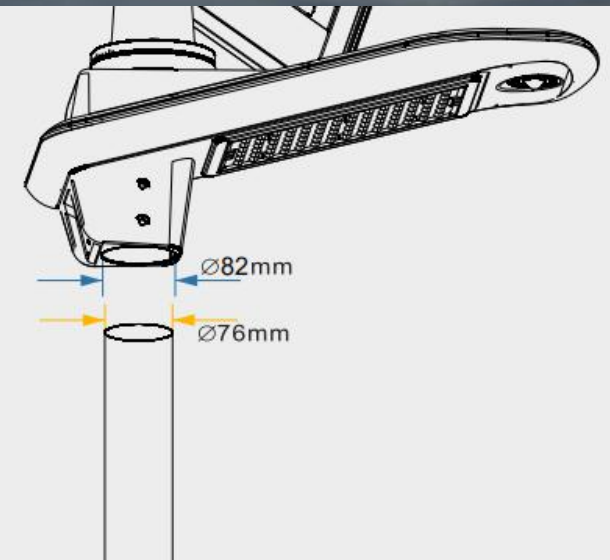
Rated Power	40W
Solar Panel	18V/60W
Lithium Battery	11.1V/319.6WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42 units(SMD-3535)
Lumen Flux(LM)	5000-6500 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K



The inner diameter of the light is 82mm, so make sure the external diameter of light pole not more than 76mm



Mechanical Specification

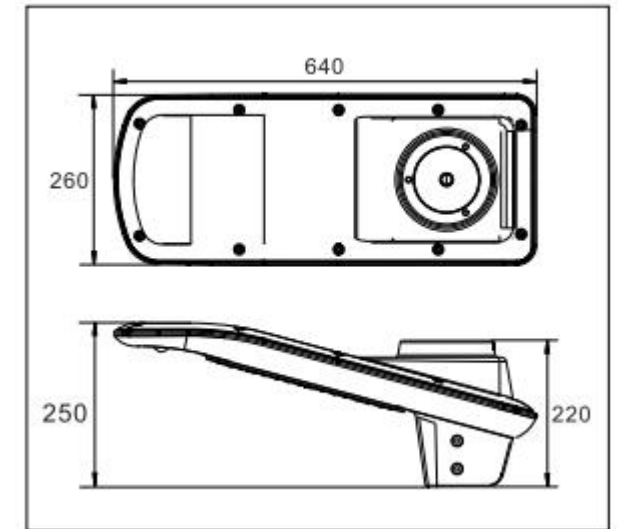
Light Body Size	640x260x250MM
Solar Panel Dimension	780x513x30MM
Net Weight	15.3KG
Installation Height	5-7 M
Pole Distance	15-20 M

Packing Dimension

Packing Type	1 set/2 cartons
Packing Size(Lighting)	690x330x320MM
Packing Size(Solar Panel)	825x565x75MM
Total Gross Weight	18.1KG

Function

Light Control/Time Control/Bluetooth APP



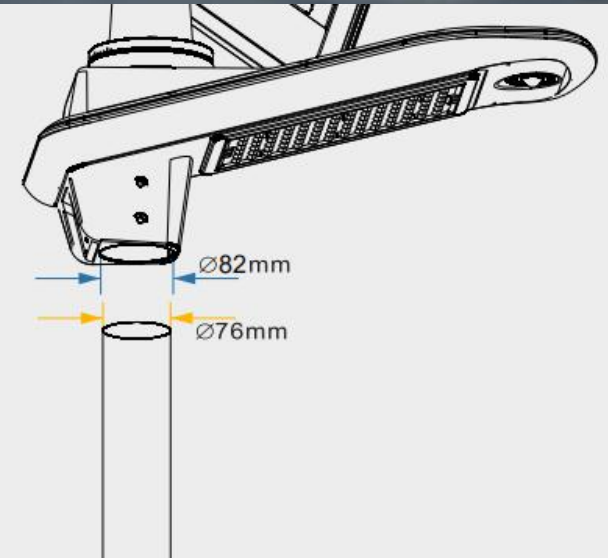
2

ALL IN TWO Series G02 Solar Lights

50W LED SPLIT TYPE | G02-50W



The inner diameter of the light is 82mm, so make sure the external diameter of light pole not more than 76mm



Electrical Characteristic

Rated Power	50W
Solar Panel	18V/80W
Lithium Battery	11.1V/373WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60 units(SMD-3535)
Lumen Flux(LM)	6500-7500 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K

Mechanical Specification

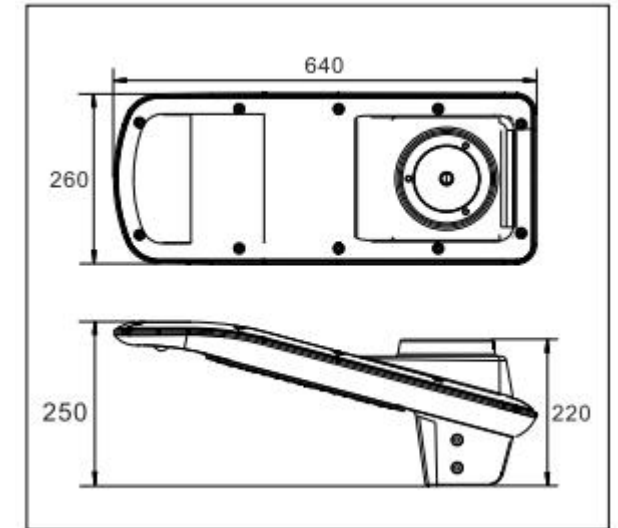
Light Body Size	640x260x250MM
Solar Panel Dimension	755x670x30MM
Net Weight	17.1KG
Installation Height	6-8 M
Pole Distance	20-25 M

Packing Dimension

Packing Type	1 set/2 cartons
Packing Size(Lighting)	690x330x320MM
Packing Size(Solar Panel)	800x720x75MM
Total Gross Weight	20KG

Function

Light Control/Time Control/Bluetooth APP



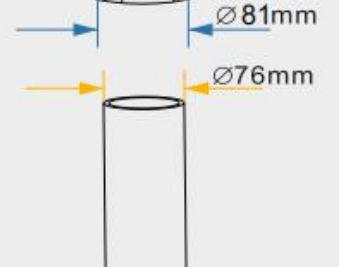
2

ALL IN TWO Series G02 Solar Lights

60W LED SPLIT TYPE | G02-60W



The inner diameter of the light is 81mm, so make sure the external diameter of light pole not more than 76mm



Electrical Characteristic

Rated Power	60W
Solar Panel	18V/80W
Lithium Battery	11.1V/426.2WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60 units(SMD-3535)
Lumen Flux(LM)	7500-8500 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K

Mechanical Specification

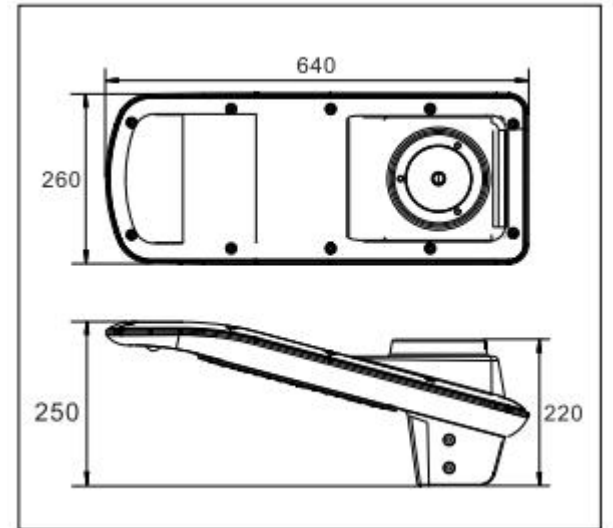
Light Body Size	640x260x250MM
Solar Panel Dimension	755x670x30MM
Net Weight	17.4KG
Installation Height	7-9 M
Pole Distance	25-30 M

Packing Dimension

Packing Type	1 set/2 cartons
Packing Size(Lighting)	690x330x320MM
Packing Size(Solar Panel)	800x720x75MM
Total Gross Weight	20.3KG

Function

Light Control/Time Control/Bluetooth APP



2

ALL IN TWO Series G03 Solar Lights

20W LED SPLIT TYPE | G03-20W

Electrical Characteristic

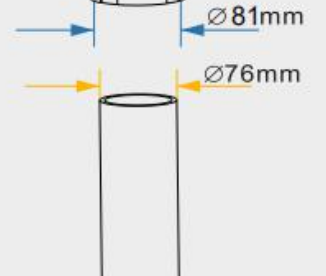
Rated Power	20W
Solar Panel	18V/35W
Lithium Battery	11.1V/159.8WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	30 units(SMD-3030)
Lumen Flux(LM)	2500-3500 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K



The inner diameter of the light is 81mm, so make sure the external diameter of light pole not more than 76mm



Mechanical Specification

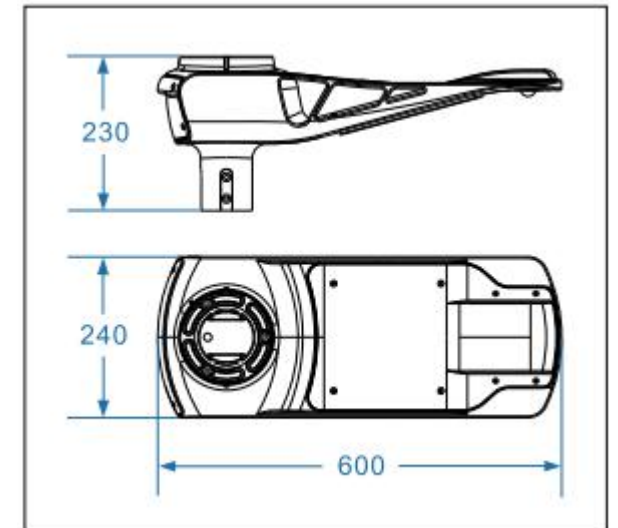
Light Body Size	600x240x230MM
Solar Panel Dimension	430x513x30MM
Net Weight	13.3KG
Installation Height	3-5 M
Pole Distance	10-15 M

Packing Dimension

Packing Type	1 set/2 cartons
Packing Size(Lighting)	690x330x320MM
Packing Size(Solar Panel)	505x565x75MM
Total Gross Weight	15.8KG

Function

Light Control/Time Control/Bluetooth APP



2

ALL IN TWO Series G03 Solar Lights

30W LED SPLIT TYPE | G03-30W

Electrical Characteristic

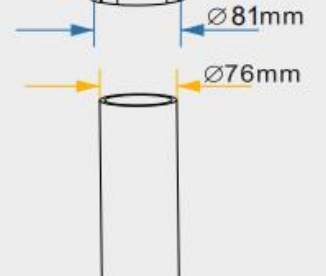
Rated Power	30W
Solar Panel	18V/50W
Lithium Battery	11.1V/231.1WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	30 units(SMD-3030)
Lumen Flux(LM)	3000-4000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K



The inner diameter of the light is 81mm, so make sure the external diameter of light pole not more than 76mm



Mechanical Specification

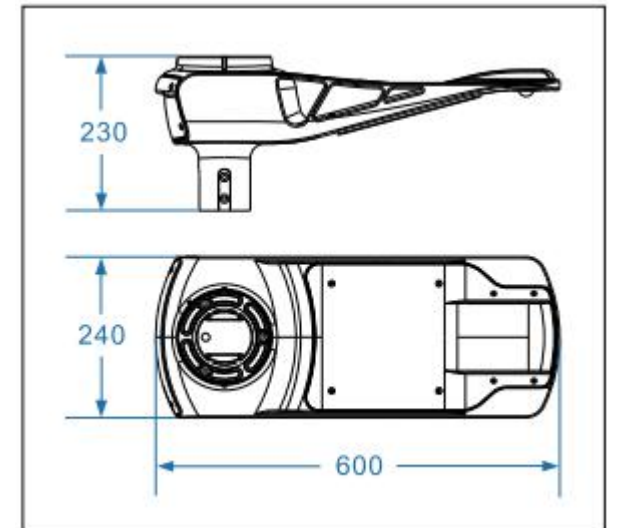
Light Body Size	600x240x230MM
Solar Panel Dimension	430x513x30MM
Net Weight	14.7KG
Installation Height	4-6 M
Pole Distance	15-20 M

Packing Dimension

Packing Type	1 set/2 cartons
Packing Size(Lighting)	690x330x320MM
Packing Size(Solar Panel)	670x565x75MM
Total Gross Weight	17.4KG

Function

Light Control/Time Control/Bluetooth APP



2

ALL IN TWO Series G03 Solar Lights

40W LED SPLIT TYPE | G03-40W

Electrical Characteristic

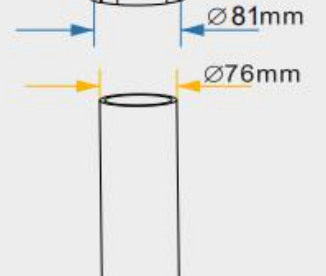
Rated Power	40W
Solar Panel	18V/50W
Lithium Battery	11.1V/239.8WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60 units(SMD-3535)
Lumen Flux(LM)	3500-4500 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K



The inner diameter of the light is 81mm, so make sure the external diameter of light pole not more than 76mm



Mechanical Specification

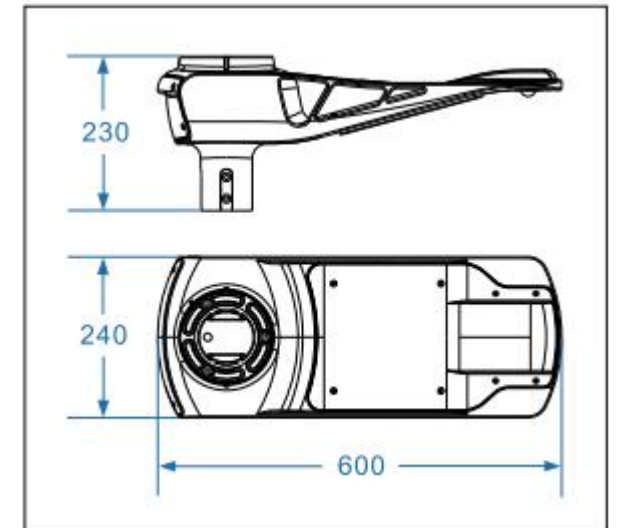
Light Body Size	600x240x230MM
Solar Panel Dimension	625x513x30MM
Net Weight	14.9KG
Installation Height	5-7 M
Pole Distance	20-25 M

Packing Dimension

Packing Type	1 set/2 cartons
Packing Size(Lighting)	690x330x320MM
Packing Size(Solar Panel)	670x565x75MM
Total Gross Weight	17.6KG

Function

Light Control/Time Control/Bluetooth APP



2

ALL IN TWO Series G03 Solar Lights

50W LED SPLIT TYPE | G03-50W

Electrical Characteristic

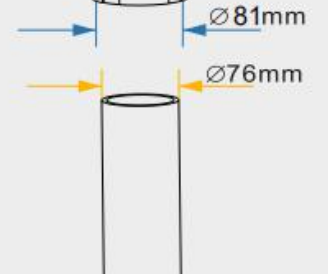
Rated Power	50W
Solar Panel	18V/60W
Lithium Battery	11.1V/319.6WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60 units(SMD-3535)
Lumen Flux(LM)	3700-4700 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K



The inner diameter of the light is 81mm, so make sure the external diameter of light pole not more than 76mm



Mechanical Specification

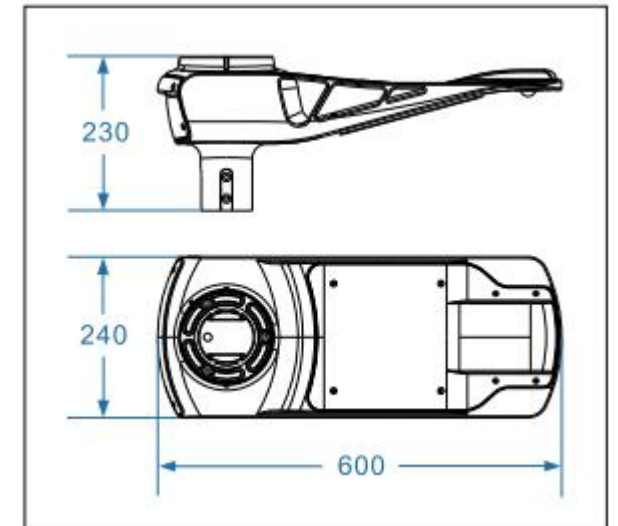
Light Body Size	600x240x230MM
Solar Panel Dimension	780x513x30MM
Net Weight	15.9KG
Installation Height	6-8 M
Pole Distance	20-25 M

Packing Dimension

Packing Type	1 set/2 cartons
Packing Size(Lighting)	690x330x320MM
Packing Size(Solar Panel)	825x565x75MM
Total Gross Weight	18.8KG

Function

Light Control/Time Control/Bluetooth APP



2

ALL IN TWO Series G03 Solar Lights

60W LED SPLIT TYPE | G03-60W

Electrical Characteristic

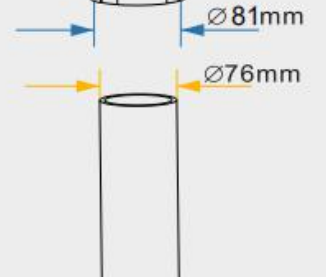
Rated Power	60W
Solar Panel	18V/60W
Lithium Battery	11.1V/319.6WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60 units(SMD-3535)
Lumen Flux(LM)	4000-5000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K



The inner diameter of the light is 81mm, so make sure the external diameter of light pole not more than 76mm



Mechanical Specification

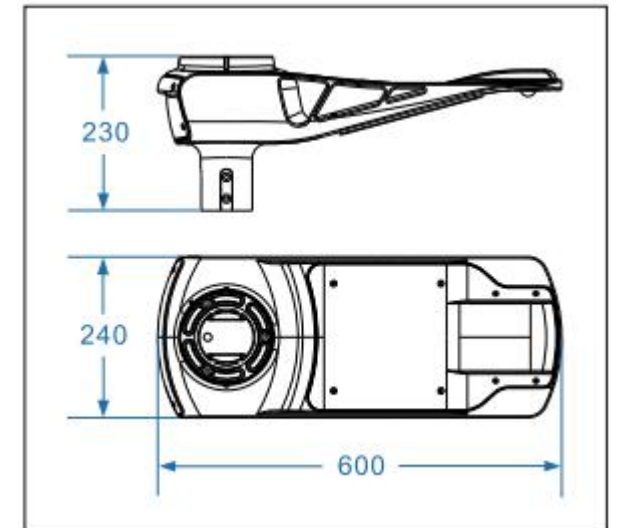
Light Body Size	600x240x230MM
Solar Panel Dimension	780x513x30MM
Net Weight	15.9KG
Installation Height	7-9 M
Pole Distance	25-30 M

Packing Dimension

Packing Type	1 set/2 cartons
Packing Size(Lighting)	690x330x320MM
Packing Size(Solar Panel)	825x565x75MM
Total Gross Weight	18.8KG

Function

Light Control/Time Control/Bluetooth APP



2

ALL IN TWO Series G06 Solar Lights

30W LED SPLIT TYPE | G06-30W

Electrical Characteristic

Rated Power	30W
Solar Panel	18V/50W
Lithium Battery	12V/21AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42 units(SMD-5050)
Lumen Flux(LM)	3000-4000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

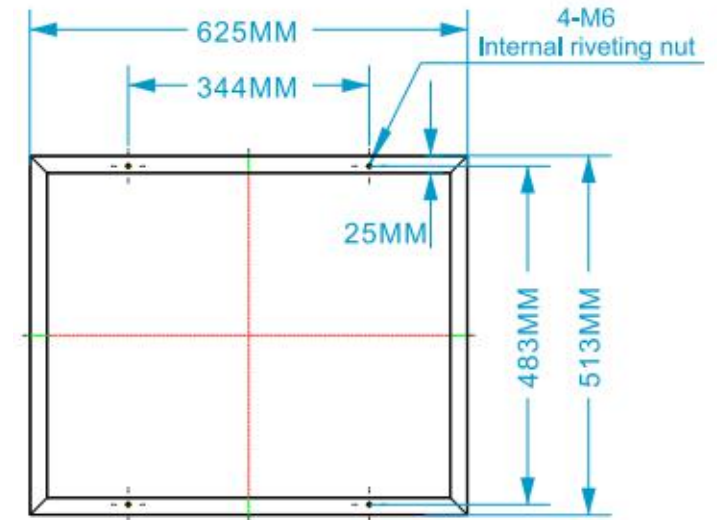
Light Body Size	633x250x90MM
Solar Panel Dimension	625x513x30MM
Net Weight	11.0KG
Installation Height	4-6 M
Pole Distance	12-18 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	685x570x220MM
Total Gross Weight	13.1KG

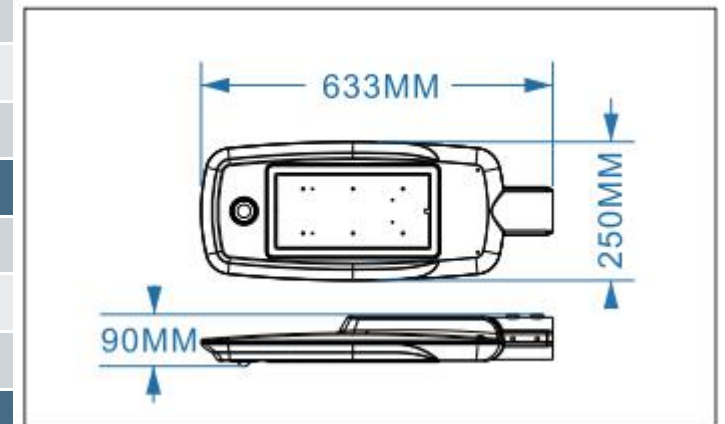
Function

Motion Sensor/Light Control/Time Control/Bluetooth APP



(625x513x30 MM)

Solar PV Dimension



LED Lamp Dimension

2

ALL IN TWO Series G06 Solar Lights

40W LED SPLIT TYPE | G06-40W

Electrical Characteristic

Rated Power	40W
Solar Panel	18V/50W
Lithium Battery	12V/26AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42 units(SMD-5050)
Lumen Flux(LM)	4000-5000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

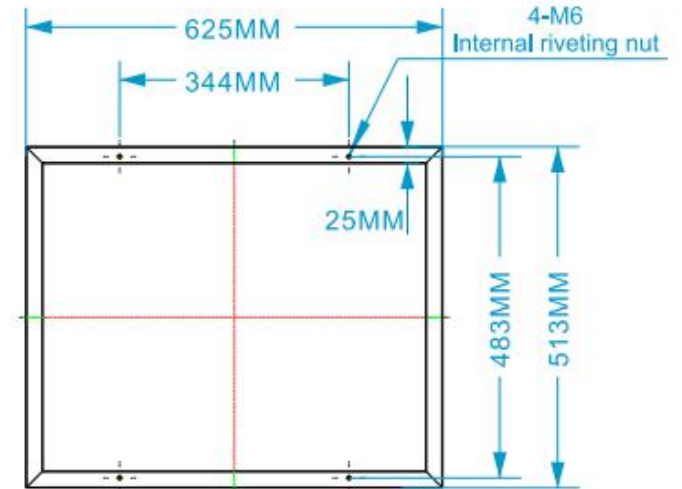
Light Body Size	633x250x90MM
Solar Panel Dimension	625x513x30MM
Net Weight	11.2KG
Installation Height	4-6 M
Pole Distance	12-18 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	685x570x220MM
Total Gross Weight	13.1KG

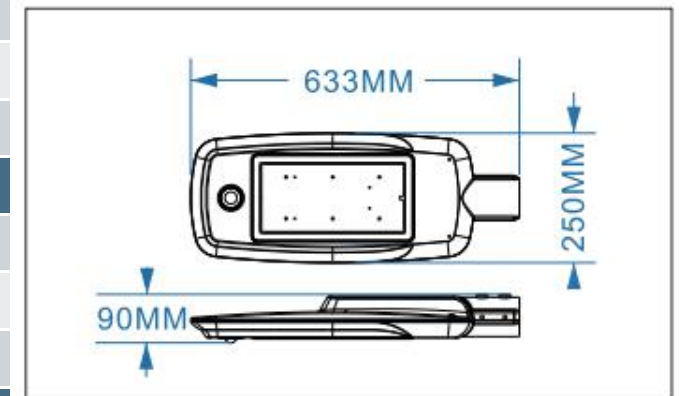
Function

Motion Sensor/Light Control/Time Control/Bluetooth APP



(625x513x30 MM)

Solar PV Dimension



LED Lamp Dimension

2

ALL IN TWO Series G06 Solar Lights

50W LED SPLIT TYPE | G06-50W

Electrical Characteristic

Rated Power	50W
Solar Panel	18V/70W
Lithium Battery	12V/31AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60 units(SMD-5050)
Lumen Flux(LM)	5000-6000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

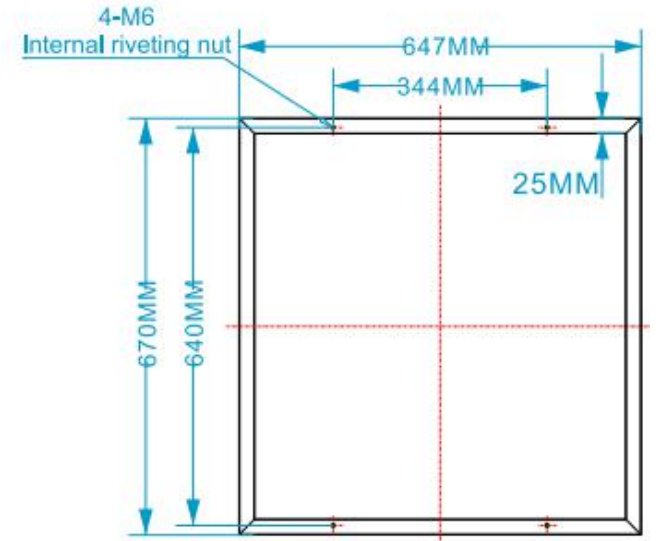
Light Body Size	633x250x90MM
Solar Panel Dimension	670x647x30MM
Net Weight	16.5KG
Installation Height	7-8 M
Pole Distance	21-27 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	705x725x220MM
Total Gross Weight	19.8KG

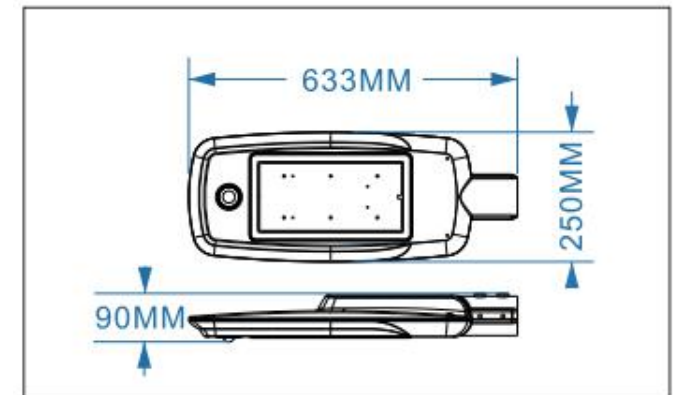
Function

Light Control/Time Control/Bluetooth APP



(670x647x30 MM)

Solar PV Dimension



LED Lamp Dimension

2

ALL IN TWO Series G06 Solar Lights

60W LED SPLIT TYPE | G06-60W

Electrical Characteristic

Rated Power	60W
Solar Panel	18V/70W
Lithium Battery	12V/36WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60 units(SMD-5050)
Lumen Flux(LM)	6000-7000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

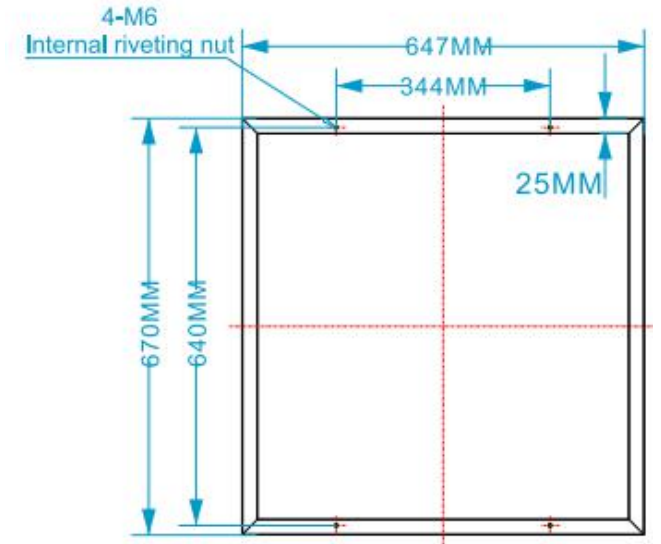
Light Body Size	633x250x90MM
Solar Panel Dimension	670x647x30MM
Net Weight	17.5KG
Installation Height	8-9 M
Pole Distance	25-30 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	705x725x220MM
Total Gross Weight	21.5KG

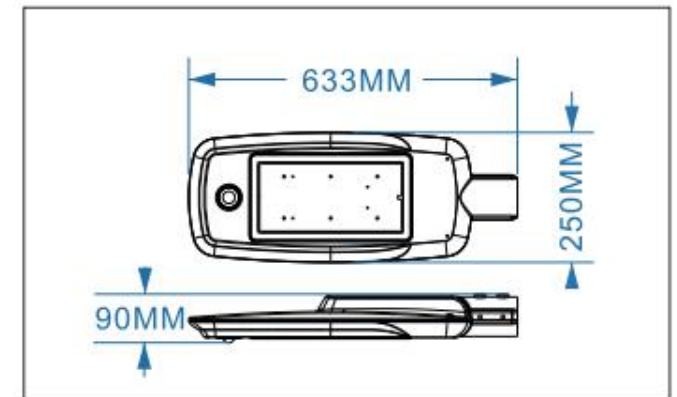
Function

Light Control/Time Control/Bluetooth APP



(670x647x30 MM)

Solar PV Dimension



LED Lamp Dimension

3

ALL IN ONE Series INH Series Solar Lights

30W LED INH TYPE | INH-30W

Electrical Characteristic

Rated Power	30W
Solar Panel	18V/60W
Lithium Battery	11.1V 21AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42 units(SMD-5050)
Lumen Flux(LM)	3500-5000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

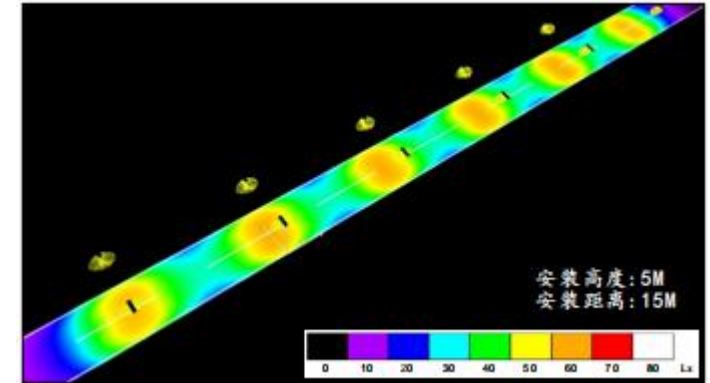
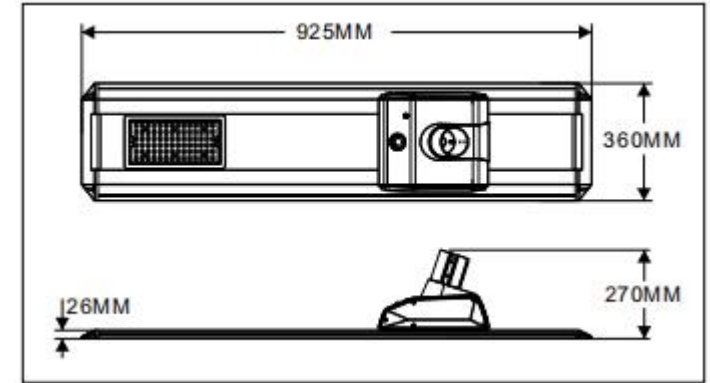
Light Body Size	925x360x270MM
Net Weight	13.2KG
Installation Height	5-6 M
Pole Distance	12-18 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	1005x435x400MM
Total Gross Weight	17.80KG

Function

Light Control/Time Control/Bluetooth APP



INH-30W Dimension

3

ALL IN ONE Series INH Series Solar Lights

40W LED INH TYPE | INH-40W

Electrical Characteristic

Rated Power	40W
Solar Panel	18V/70W
Lithium Battery	11.1V/26AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42 units(SMD-5050)
Lumen Flux(LM)	4500-6000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

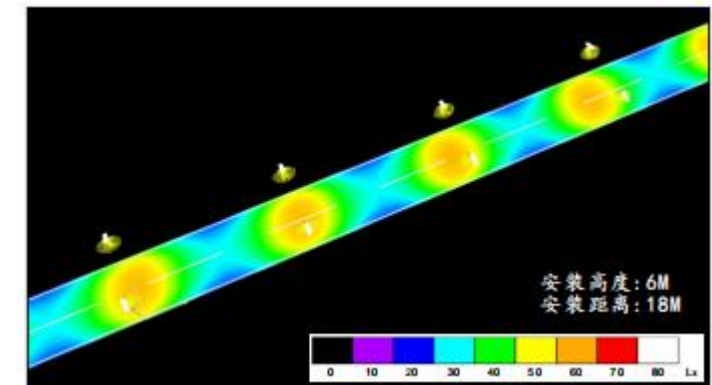
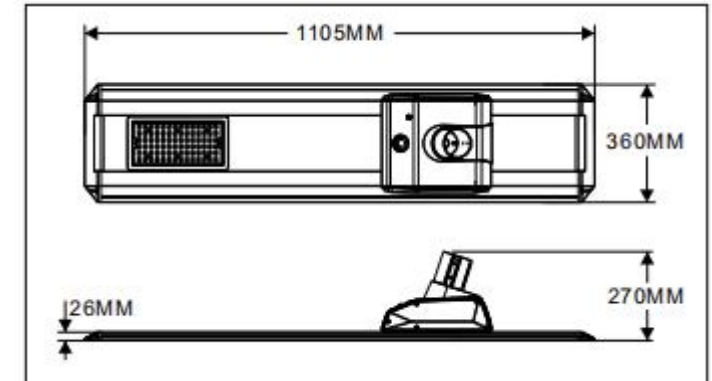
Light Body Size	1105x360x270MM
Net Weight	14.7KG
Installation Height	5-7 M
Pole Distance	15-21 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	1180x435x400MM
Total Gross Weight	19.70KG

Function

Light Control/Time Control/Bluetooth APP



INH-40W Dimension

3

ALL IN ONE Series INH Series Solar Lights

50W LED INH TYPE | INH-50W

Electrical Characteristic

Rated Power	50W
Solar Panel	18V/80W
Lithium Battery	12V 31AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60 units(SMD-5050)
Lumen Flux(LM)	5500-7000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

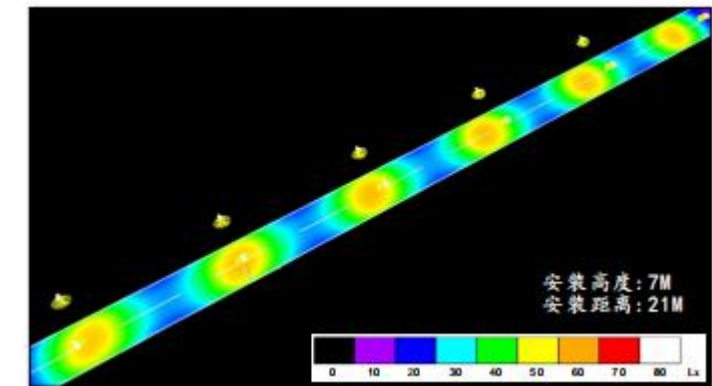
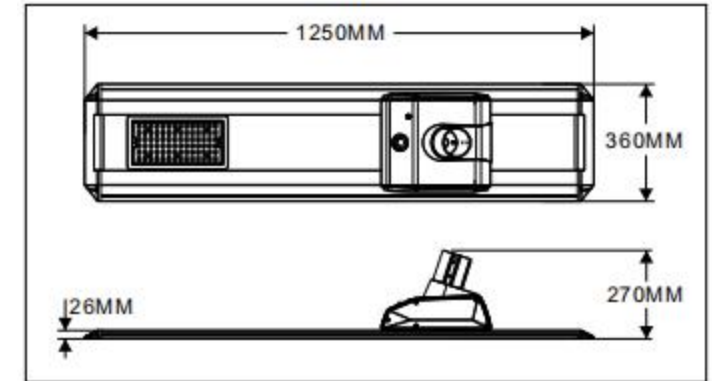
Light Body Size	1250x360x270MM
Net Weight	15.9KG
Installation Height	6-8 M
Pole Distance	18-24 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	1330x435x400MM
Total Gross Weight	21.60KG

Function

Light Control/Time Control/Bluetooth APP



INH-50W Dimension

3

ALL IN ONE Series INH Series Solar Lights

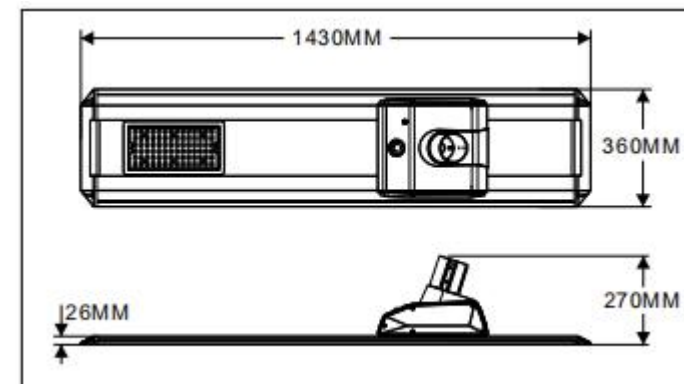
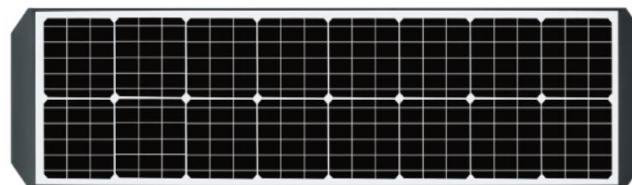
60W LED INH TYPE | INH-60W

Electrical Characteristic

Rated Power	60W
Solar Panel	18V/80W
Lithium Battery	12V 36AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60 units(SMD-5050)
Lumen Flux(LM)	6500-8000 LM
Luminous Efficiency (LM/W)	130-150LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

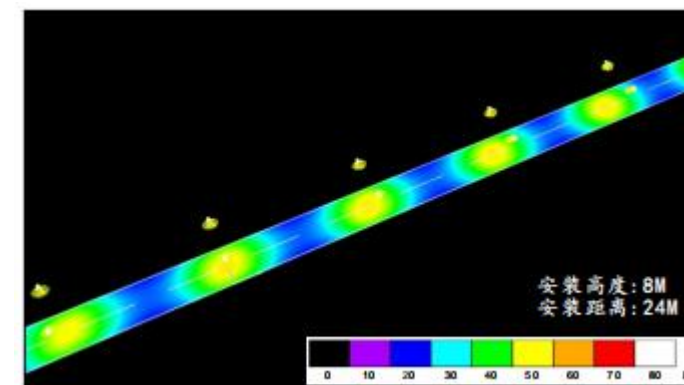
Light Body Size	1430x360x270MM
Net Weight	18.3KG
Installation Height	7-9 M
Pole Distance	21-27 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	1510x435x400MM
Total Gross Weight	23.50KG

Function

Light Control/Time Control/Bluetooth APP



INH-60W Dimension

3

ALL IN ONE Series INH Series Solar Lights

80W LED INH TYPE | INH-80W

Electrical Characteristic

Rated Power	80W
Solar Panel	18V/100W
Lithium Battery	12V 47AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42pcs*2 (SMD-5050)
Lumen Flux(LM)	10400-12000 LM
Luminous Efficiency (LM/W)	140LM/W±10LM
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

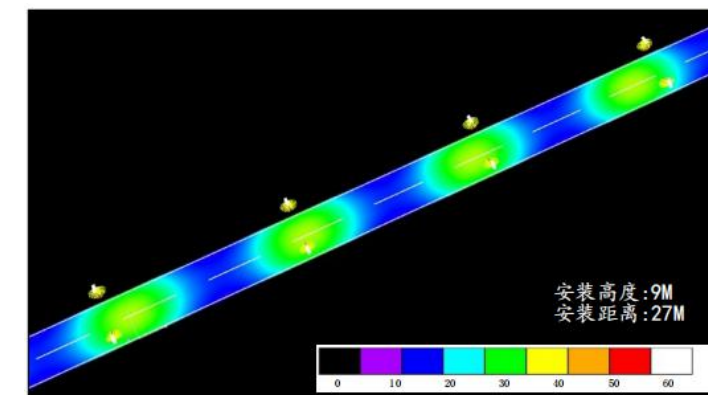
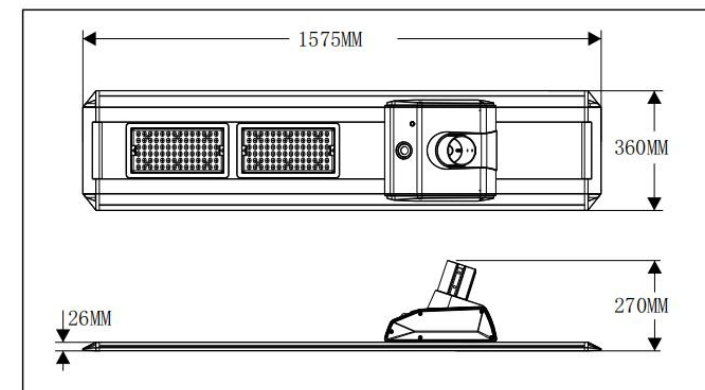
Light Body Size	1575x360x270MM
Net Weight	20KG
Installation Height	9-10 M
Pole Distance	40-65 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	1650x435x400MM
Total Gross Weight	25.50KG

Function

Light Control/Time Control/Bluetooth APP



INH-80W Dimension

3

ALL IN ONE Series INH Series Solar Lights

100W LED INH TYPE | INH-100W

Electrical Characteristic

Rated Power	100W
Solar Panel	18V/110W
Lithium Battery	12V 62AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42pcs*3 (SMD-5050)
Lumen Flux(LM)	13000-15000 LM
Luminous Efficiency (LM/W)	140LM/W±10LM
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

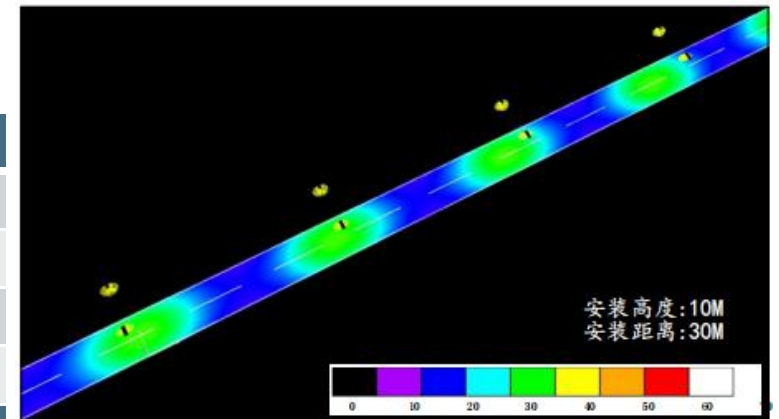
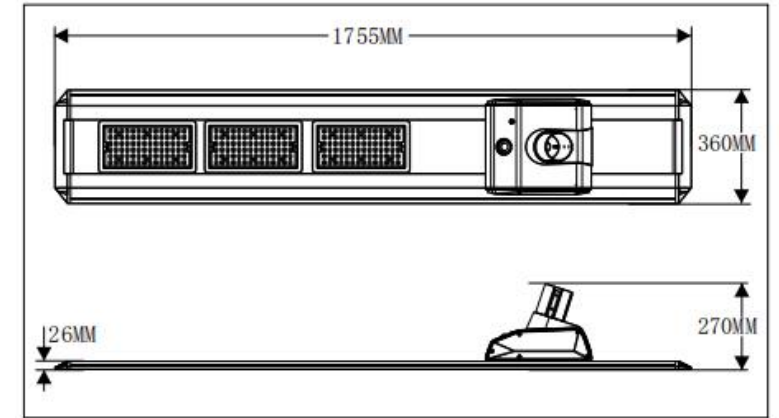
Light Body Size	1755x360x270MM
Net Weight	22.8KG
Installation Height	10-12 M
Pole Distance	45-70 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	1835x435x400MM
Total Gross Weight	28.70KG

Function

Light Control/Time Control/Bluetooth APP

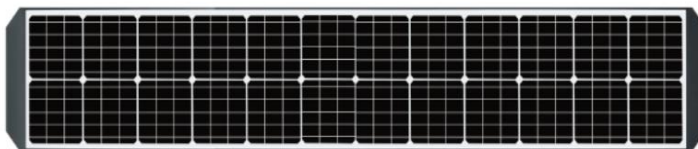


INH-100W Dimension

3

ALL IN ONE Series INH Series Solar Lights

120W LED INH TYPE | INH-120W



Electrical Characteristic

Rated Power	120W
Solar Panel	18V/120W
Lithium Battery	12V 73AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42pcs*2 (SMD-5050)
Lumen Flux(LM)	16000-18000 LM
Luminous Efficiency (LM/W)	140LM/W±10LM
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K

Mechanical Specification

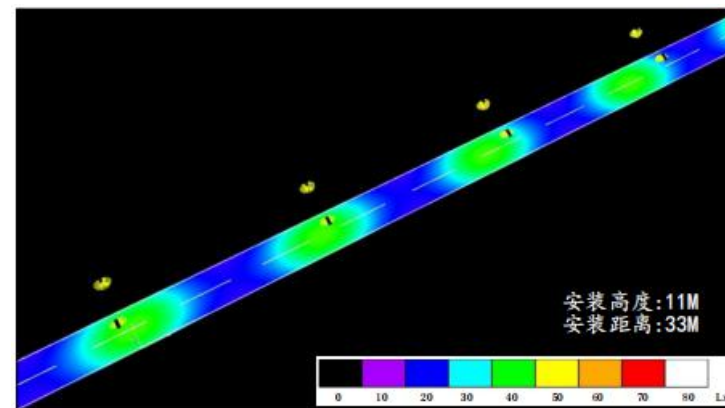
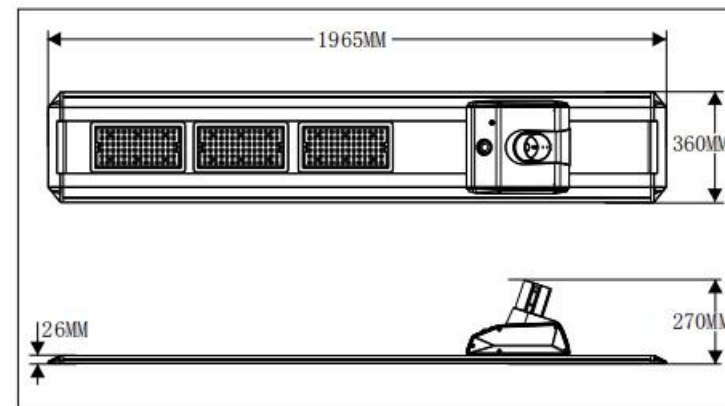
Light Body Size	1965x360x270MM
Net Weight	2.8KG
Installation Height	10-12 M
Pole Distance	45-70 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	2045x435x400MM
Total Gross Weight	30.20KG

Function

Light Control/Time Control/Bluetooth APP



INH-120W Dimension

4

ALL IN ONE Series INL Series Solar Lights

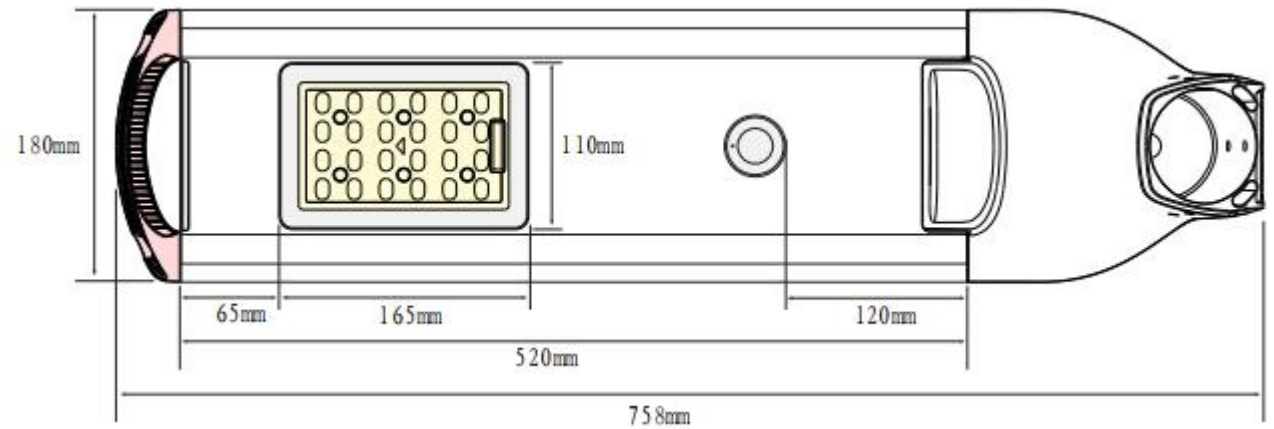
15W LED INL TYPE | INL-15W

Electrical Characteristic

Rated Power	15W
Solar Panel	18V/15W
Lithium Battery	12V5.2Ah (62.4Wh)
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	24pcs (SMD-3030)
Lumen Flux(LM)	2100-2550 LM
Luminous Efficiency (LM/W)	140LM/W±10LM
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

Light Body Size	760x180x220MM
Net Weight	9.72KG
Installation Height	3-4 M
Pole Distance	9-12 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	965x285x265MM
Total Gross Weight	11.36KG

Function

PIR Sensor+Light Control/Time Control/Bluetooth APP



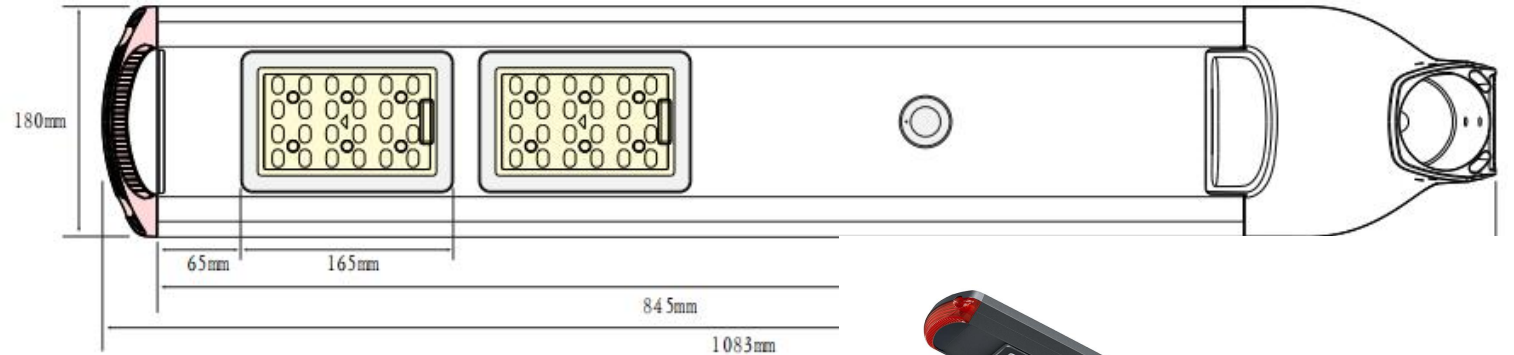
20W LED INL TYPE | INL-20W

Electrical Characteristic

Rated Power	20W
Solar Panel	18V/20W
Lithium Battery	12V10.4Ah (124.8Wh)
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	48pcs (SMD-3030)
Lumen Flux(LM)	2800-3400 LM
Luminous Efficiency (LM/W)	140LM/W±10LM
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

Light Body Size	1080x180x220MM
Net Weight	13.68KG/2PCS
Installation Height	5-7 M
Pole Distance	15-21 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	1285x285x265MM/2PCS
Total Gross Weight	15.82KG/2PCS

Function

PIR Sensor+Light Control/Time Control/Bluetooth APP



4

ALL IN ONE Series INL Series Solar Lights

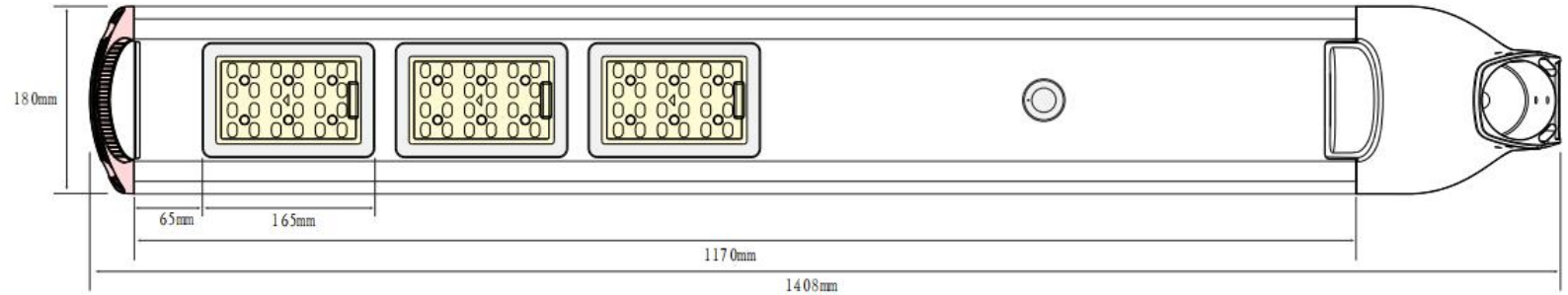
30W LED INL TYPE | INL-30W

Electrical Characteristic

Rated Power	30W
Solar Panel	18V/30W
Lithium Battery	12V15.6Ah (187.2Wh)
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	72pcs (SMD-3030)
Lumen Flux(LM)	4200-5100 LM
Luminous Efficiency (LM/W)	140LM/W±10LM
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K



Mechanical Specification

Light Body Size	1410x180x220MM
Net Weight	17.04KG/2PCS
Installation Height	6-8 M
Pole Distance	18-24 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	1615x285x265MM/2PCS
Total Gross Weight	19.36KG/2PCS

Function

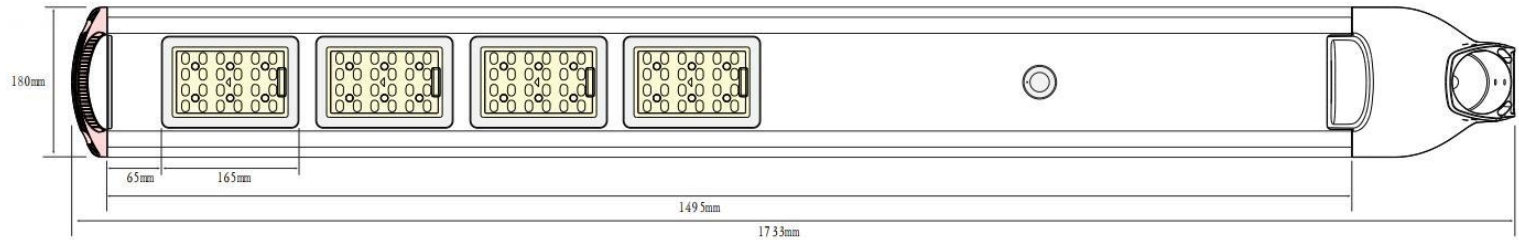
PIR Sensor+Light Control/Time Control/Bluetooth APP



4

ALL IN ONE Series INL Series Solar Lights

40W LED INL TYPE | INL-40W



Electrical Characteristic

Rated Power	40W
Solar Panel	18V/40W
Lithium Battery	12V20.8Ah (249.6Wh)
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	96pcs (SMD-3030)
Lumen Flux(LM)	5600-6800 LM
Luminous Efficiency (LM/W)	140LM/W±10LM
Light Distribution	Batwing Type
Color Temperature(CCT)	2800-6500K

Mechanical Specification

Light Body Size	1730x180x220MM
Net Weight	20.56KG/2PCS
Installation Height	7-9 M
Pole Distance	17-21 M

Packing Dimension

Packing Type	1 set/cartons
Packing Size	1945x285x265MM/2PCS
Total Gross Weight	23.38KG/2PCS

Function

PIR Sensor+Light Control/Time Control/Bluetooth APP



5

Solar+Wind Series Hybrid All In One Solar Lights

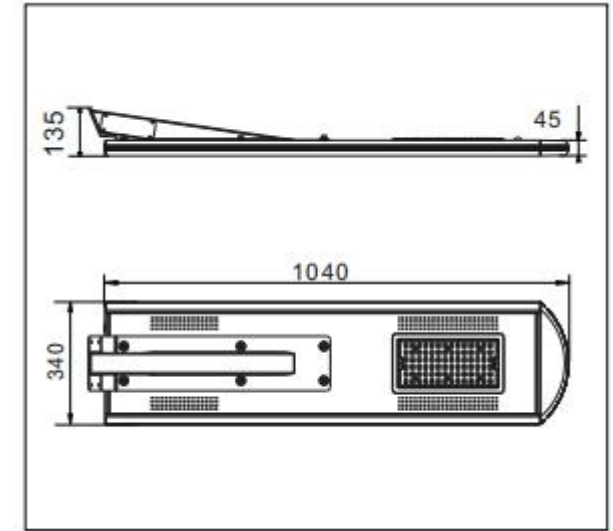
30W LED Hybrid type | INF-30W

Electrical Characteristic

Rated Power	30W
Solar Panel	18V/38W
Wind turbine	12V 300W
Lithium Battery	266.4WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42pcs (SMD-53535)
Lumen Flux(LM)	3900-4500 LM
Luminous Efficiency (LM/W)	130-150 LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K



Mechanical Specification

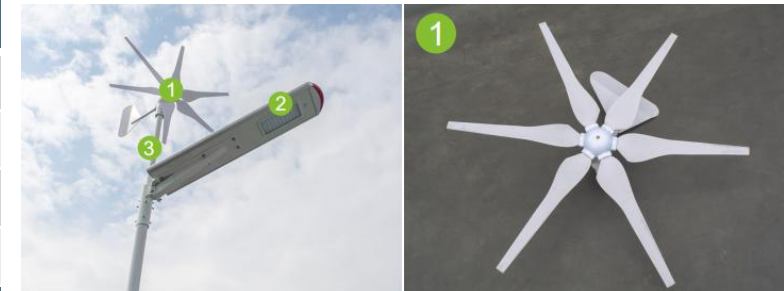
Light Body Size	1040x340x45 MM
Wind Turbine Size	φ1140MM
Installation Height	4-6 M
Pole Distance	10-15 M

Packing Dimension

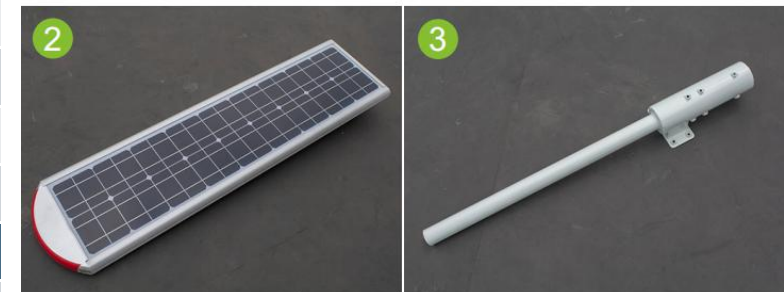
Packing Type	1 set/2 cartons
Packing Size(Lighting)	1140x385x245MM
Packing Size(Wind turbine)	585x380x220MM
Total Gross Weight	--KG

Function

Light Control/Time Control/Bluetooth APP



(Wind turbine)



(Integrated solar street light)

(Connecting socket)

5

Solar+Wind Series Hybrid All In One Solar Lights

40W LED Hybrid type | INF-40W

Electrical Characteristic

Rated Power	40W
Solar Panel	18V/38W
Wind turbine	12V 300W
Lithium Battery	319.6WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	42pcs (SMD-3535)
Lumen Flux(LM)	5200-6000 LM
Luminous Efficiency (LM/W)	130-150 LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K

Mechanical Specification

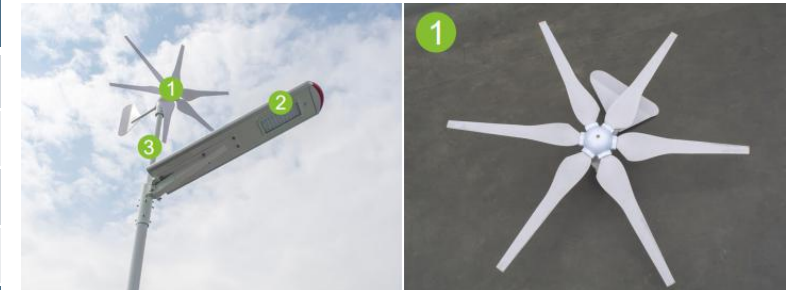
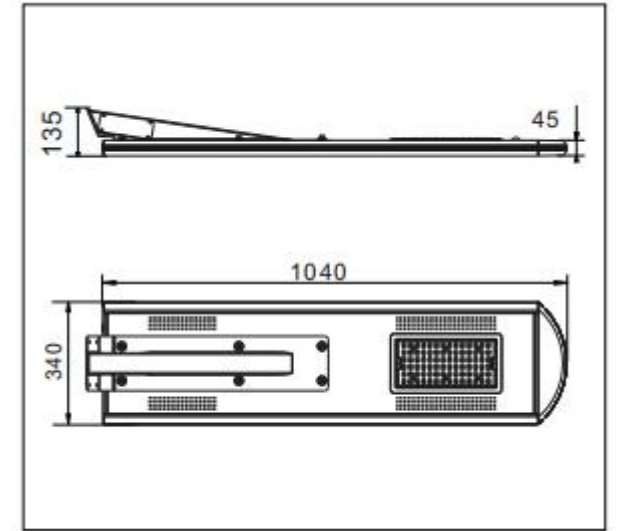
Light Body Size	1160x450x45 MM
Wind Turbine Size	φ1140MM
Installation Height	5-7 M
Pole Distance	15-20 M

Packing Dimension

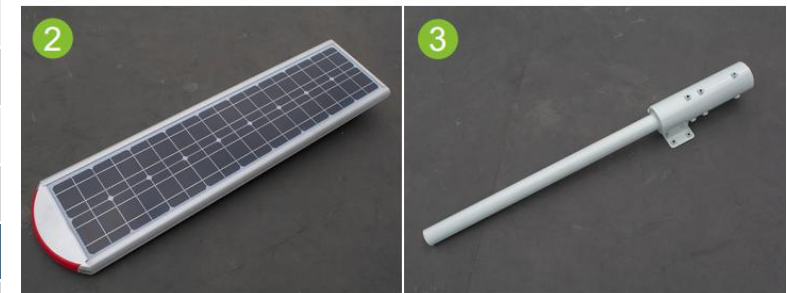
Packing Type	1 set/2 cartons
Packing Size(Lighting)	1140x385x245MM
Packing Size(Wind turbine)	585x380x220MM
Total Gross Weight	--KG

Function

Light Control/Time Control/Bluetooth APP



(Wind turbine)



(Integrated solar street light)

(Connecting socket)

5

Solar+Wind Series Hybrid All In One Solar Lights

50W LED Hybrid type | INF-50W

Electrical Characteristic

Rated Power	50W
Solar Panel	18V/48W
Wind turbine	12V 300W
Lithium Battery	319.6WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60pcs (SMD-3535)
Lumen Flux(LM)	6500-7500 LM
Luminous Efficiency (LM/W)	130-150 LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K

Mechanical Specification

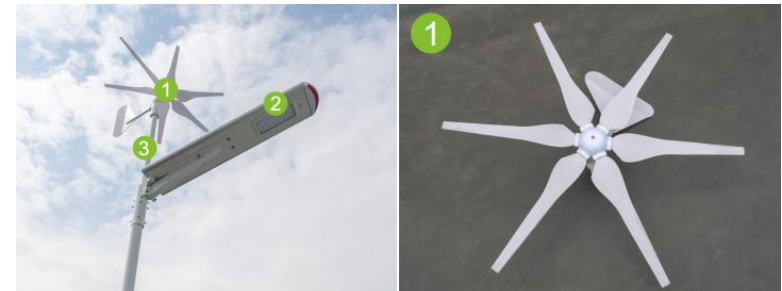
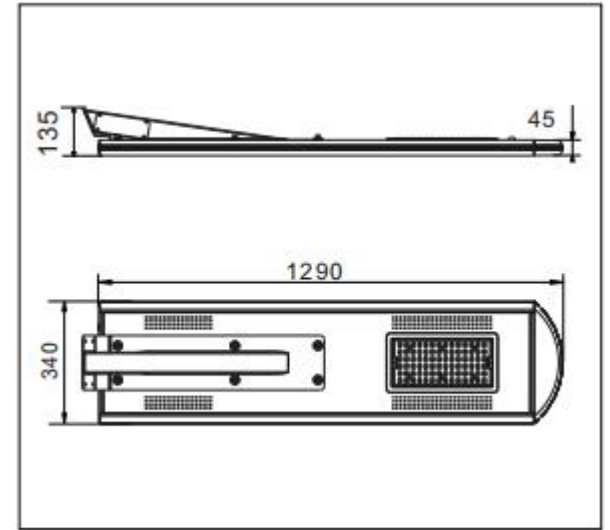
Light Body Size	1290x340x45 MM
Wind Turbine Size	φ1140MM
Installation Height	6-8 M
Pole Distance	20-25 M

Packing Dimension

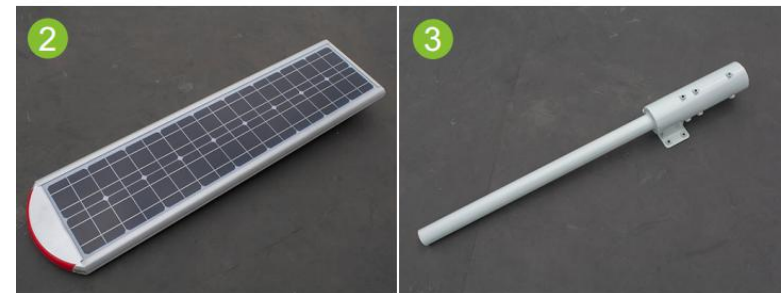
Packing Type	1 set/2 cartons
Packing Size(Lighting)	1405x385x245MM
Packing Size(Wind turbine)	585x380x220MM
Total Gross Weight	--KG

Function

Light Control/Time Control/Bluetooth APP



(Wind turbine)



(Integrated solar street light)

(Connecting socket)

5

Solar+Wind Series Hybrid All In One Solar Lights

60W LED Hybrid type | INF-60W

Electrical Characteristic

Rated Power	60W
Solar Panel	18V/48W
Wind turbine	12V 300W
Lithium Battery	426.2WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	60pcs (SMD-3535)
Lumen Flux(LM)	7800-9000 LM
Luminous Efficiency (LM/W)	130-150 LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K

Mechanical Specification

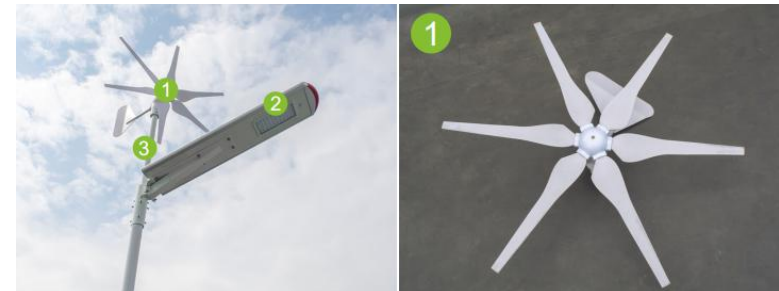
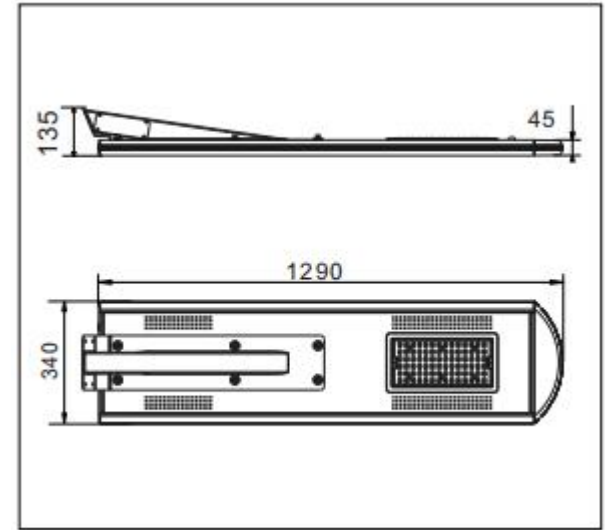
Light Body Size	1290x340x45 MM
Wind Turbine Size	φ1140MM
Installation Height	7-9 M
Pole Distance	25-30 M

Packing Dimension

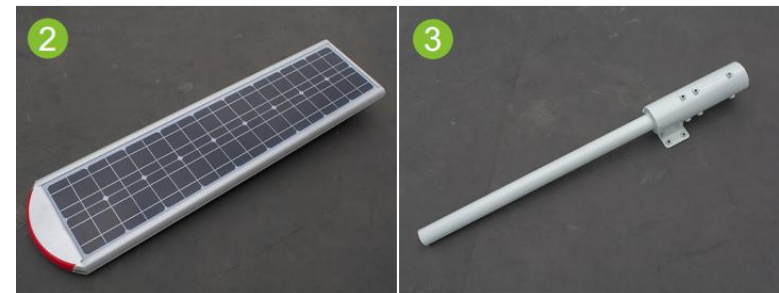
Packing Type	1 set/2 cartons
Packing Size(Lighting)	1405x385x245MM
Packing Size(Wind turbine)	585x380x220MM
Total Gross Weight	--KG

Function

Light Control/Time Control/Bluetooth APP



(Wind turbine)



(Integrated solar street light)

(Connecting socket)

5

Solar+Wind Series Hybrid All In One Solar Lights

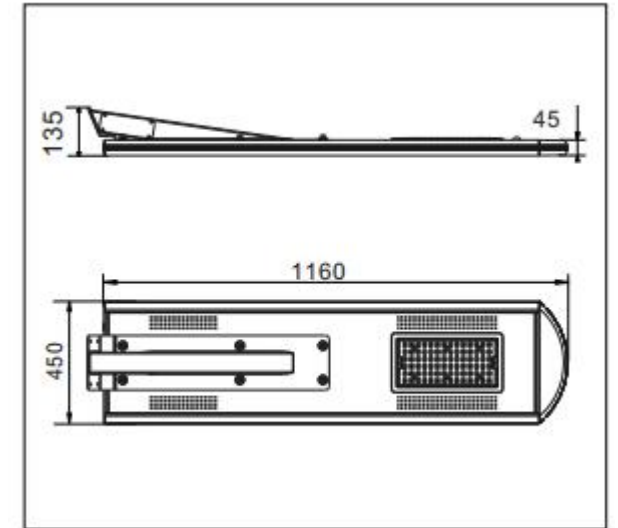
70W LED Hybrid type | INF-70W

Electrical Characteristic

Rated Power	70W
Solar Panel	18V/65W
Wind turbine	12V 300W
Lithium Battery	479.5WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	84pcs (SMD-3535)
Lumen Flux(LM)	9100-10500 LM
Luminous Efficiency (LM/W)	130-150 LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K



Mechanical Specification

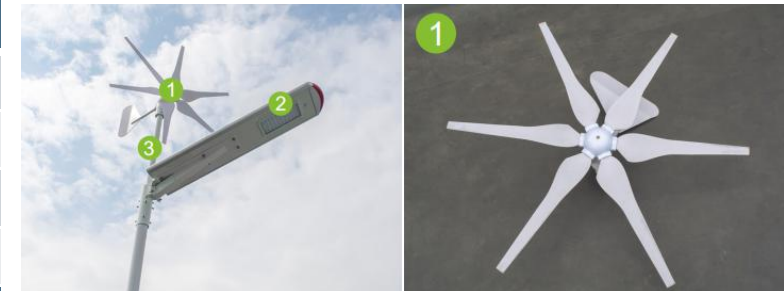
Light Body Size	1160x450x45 MM
Wind Turbine Size	φ1140MM
Installation Height	8-10 M
Pole Distance	30-35 M

Packing Dimension

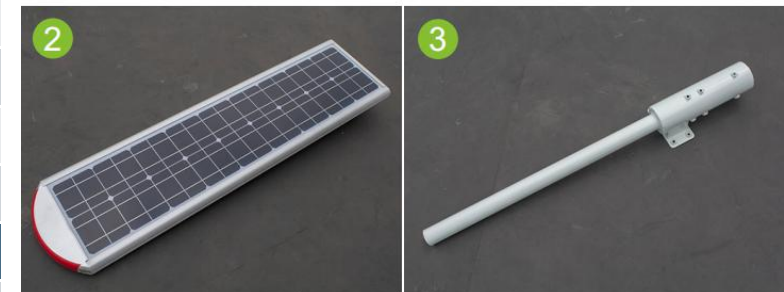
Packing Type	1 set/2 cartons
Packing Size(Lighting)	1405x385x245MM
Packing Size(Wind turbine)	585x380x220MM
Total Gross Weight	--KG

Function

Light Control/Time Control/Bluetooth APP



(Wind turbine)



(Integrated solar street light)

(Connecting socket)

5

Solar+Wind Series Hybrid All In One Solar Lights

80W LED Hybrid type | INF-80W

Electrical Characteristic

Rated Power	80W
Solar Panel	18V/65W
Wind turbine	12V 300W
Lithium Battery	532.8WH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Switch Threshold	15LUX
Sensing Distance	≤12M

LED Parameter

LED Beads	84pcs (SMD-3535)
Lumen Flux(LM)	10400-12000 LM
Luminous Efficiency (LM/W)	130-150 LM/W
Light Distribution	Batwing Type
Color Temperature(CCT)	3000-6500K

Mechanical Specification

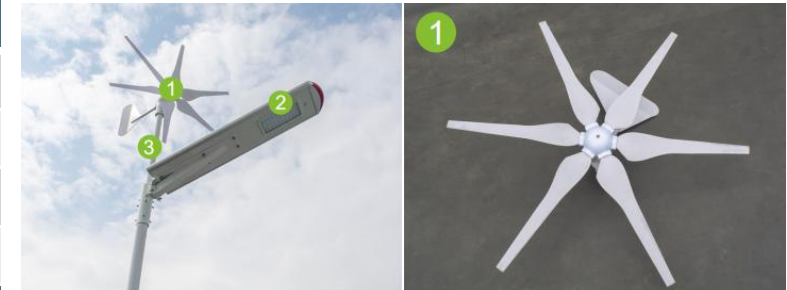
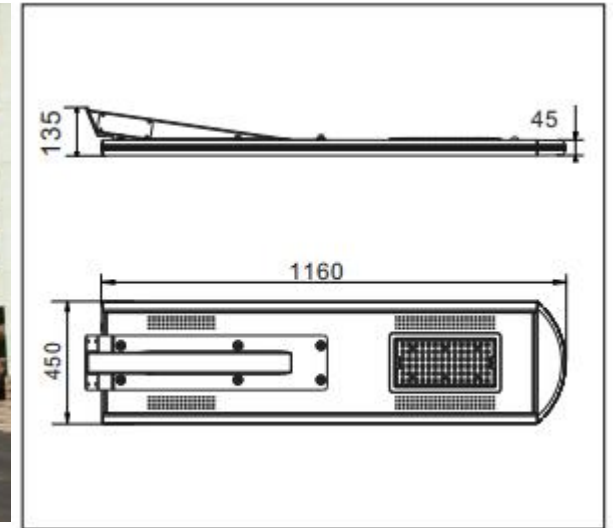
Light Body Size	1160x450x45 MM
Wind Turbine Size	φ1140MM
Installation Height	9-11 M
Pole Distance	35-40 M

Packing Dimension

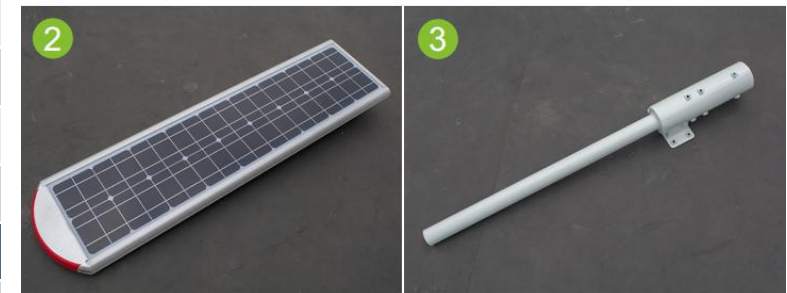
Packing Type	1 set/2 cartons
Packing Size(Lighting)	1405x385x245MM
Packing Size(Wind turbine)	585x380x220MM
Total Gross Weight	--KG

Function

Light Control/Time Control/Bluetooth APP



(Wind turbine)



(Integrated solar street light)

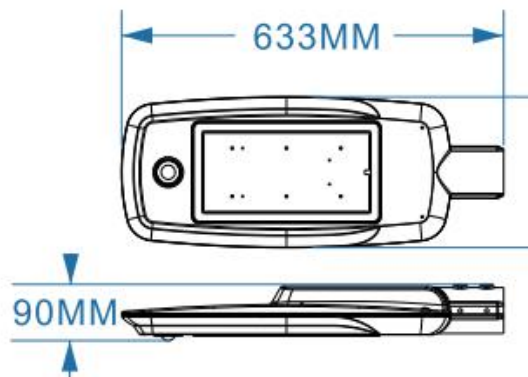
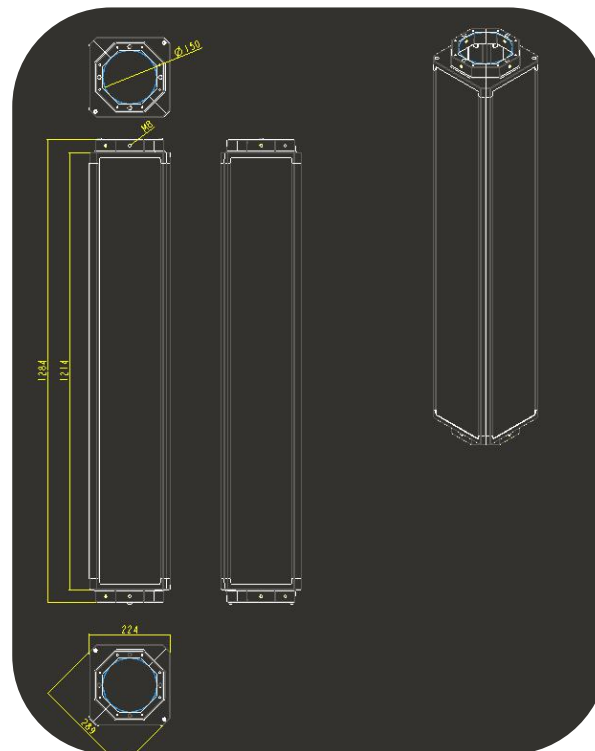
(Connecting socket)

6

Vertical Solar Street Light Series Cylinder PV Solar Light Post

LED POWER OPTION: 30W.60W.80W

Electrical Characteristic			
Model No.	SNV-30W	SNV-60W	SNV-80W
LED Power	30W	60W	80W
Luminous Flux	>3,000lm	>6,000lm	>9,000lm
Cylinder PV Power	132W 18V(4PCS)	264W 18V(8PCS)	396W 18V(12PCS)
Charing Time	6-8H	6-8H	6-8H
Lithium Battery	12V20.8AH	12V36.4AH	12V52AH
Working Temp.	-25C~+65C	-25C~+65C	-25C~+65C
Suitable Pole height	6 M	8 M	10 M
Warranty	3 Years	3 Years	3 Years



Solar Wall Lamp Series All In One Solar Lights

5W LED Wall Mount | INX-01

Electrical Characteristic

Rated Power	5W
Solar Panel	5.5V/4.7W
Lithium Battery	3.7V/5.2AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Waterproof Degree	IP66
Sensing Distance	≤12M

LED Parameter

Lumen Flux(LM)	500 LM
Application Area	Wall mount
Color Temperature(CCT)	2500-6500K



Mechanical Specification

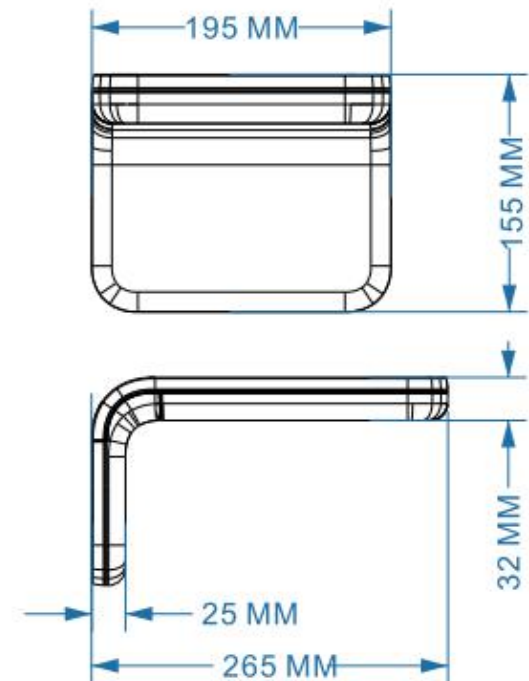
Product Size	265x195x155 MM
Installation Height	2-3 M

Packing Dimension

Packing Type	2 sets/cartons
Packing Size	310x205x240MM
Unit Net Weight	1.48 KG
Gross Weight PER CTN	3.34KG (2PCS)

Function

Light Control/Time Control



Solar Wall Lamp Series All In One Solar Lights

2W LED Wall Mount | INX-02



Electrical Characteristic

Rated Power	2W
Solar Panel	5.5V/1W
Lithium Battery	3.7V/2.6AH
Charing Time	6-8H
Discharging Time	>36H
Working Temp.	-25°C~+65°C
Waterproof Degree	IP66
Sensing Distance	≤12M

LED Parameter

Lumen Flux(LM)	200 LM
Application Area	Wall mount
Color Temperature(CCT)	2500-6500K

Mechanical Specification

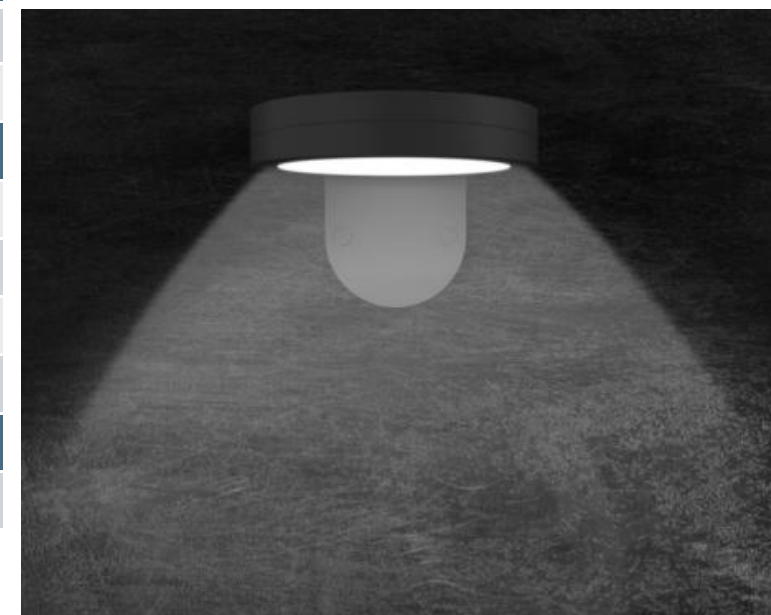
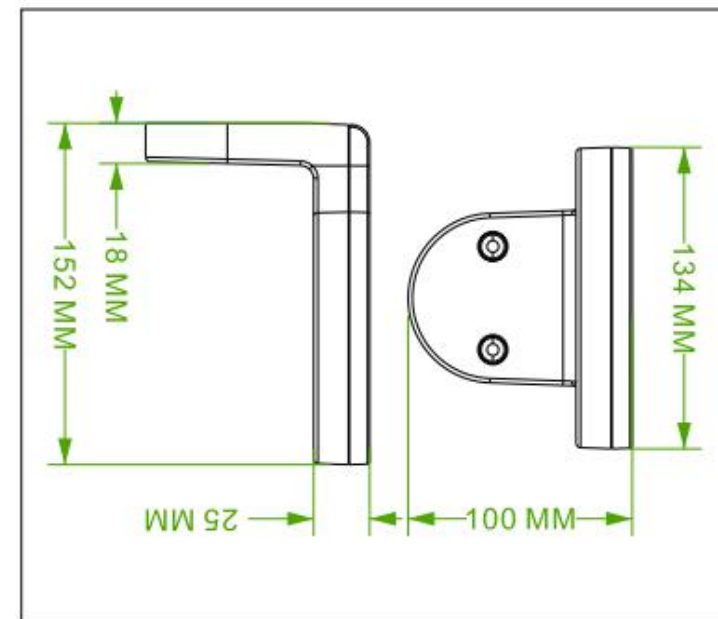
Product Size	152x134x100 MM
Installation Height	2-3 M

Packing Dimension

Packing Type	2 sets/cartons
Packing Size	185x170x125MM
Unit Net Weight	0.52 KG
Gross Weight PER CTN	1.22KG (2PCS)

Function

Light Control/Time Control



7

Solar Lawn Lamp Series All In One Solar Lights

LED LAWN LAMP | INU-02-500/1000

500MM Height | 1000MM Height

Electrical Characteristic

Model Number	INU-02-500	INU-02-1000
Rated Power	5W	10W
Solar Panel	11.5V/9W	11.5V/21W
Lithium Battery	7.4V2.6AH	7.4V5.2Ah
Charing Time	6-8H	6-8H
Discharging Time	>36H	>36H
Working Temp.	-25°C~+65°C	-25°C~+65°C
Waterproof Degree	IP66	IP66
Lamp height	500 MM	1000 MM

LED Parameter

Lumen Flux(LM)	500 LM	1000 LM
Application Area	Lawn ground mounting	
Color Temperature(CCT)	2500-6500K	



Mechanical Specification

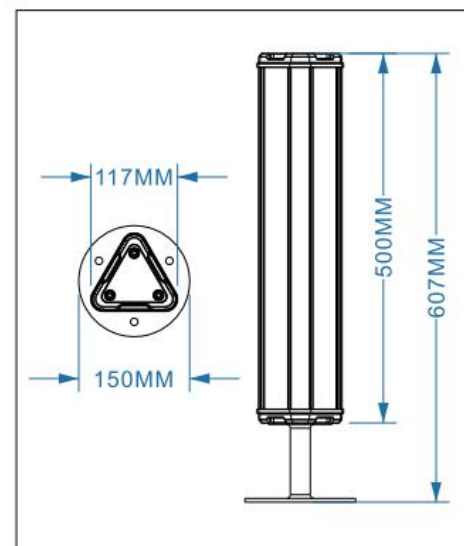
Model Number	INU-02-500	INU-02-1000
Product Size	φ150x607 MM	φ150x1107 MM
Installation Height	5-10 M	5-10 M

Packing Dimension

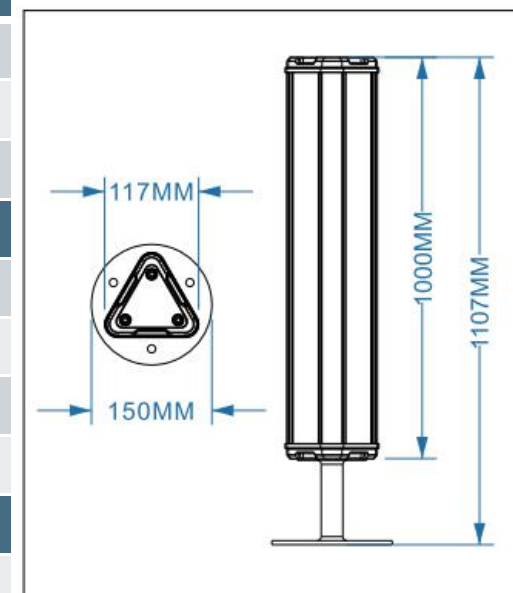
Packing Type	1 set/carton	
Packing Size	660x215x215MM	1165x215x215MM
Unit Net Weight	3.8 KG	6.4 KG
Gross Weight PER CTN	4.2 KG	7.6 KG

Function

Light Control/Time Control



INU-02-500



INU-02-1000

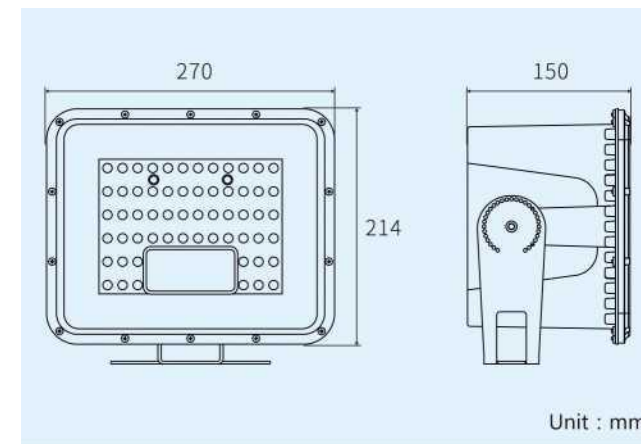
Solar LED Flood Light Series
All In One Solar Lights

LED FLOOD LAMP | SN-TT Series
Power Option: 7W.50W

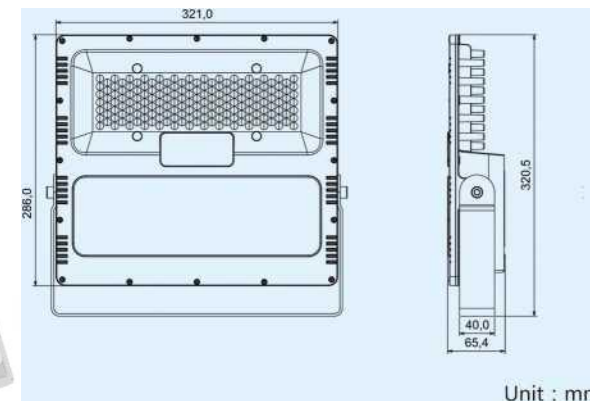
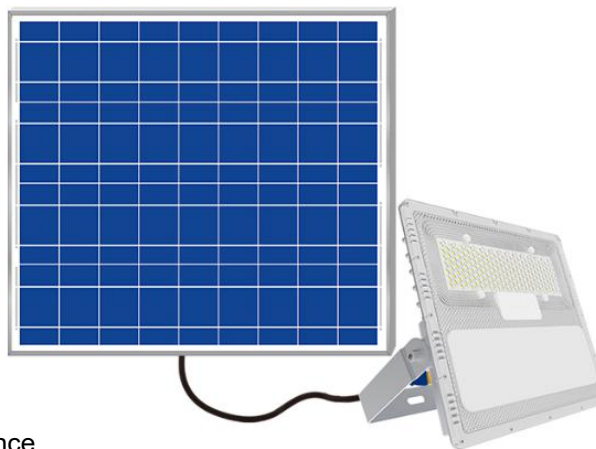
Electrical Characteristic			
Model Number	SN-TT1.0	SN-TT2.0	SN-TT3.0
LED Power	7W	50W	50W
Solar Panel	5V/30W	5V/95W	5V/120W
Lithium Battery	3.2V/25AH	3.2V/65AH	3.2V/65AH
Luminous Flux	1200 lm	5400 lm	5400 lm
Lighting time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.		
Warranty	5 years	5 years	5 years
Package size	455x385x475mm (LED)	350x325x80mm (LED)	350x325x80mm (LED)
Lens	With PC outdoor optical lens, high light transmittance.		

- The light never be off no matter how many rainy or cloudy days.
- The light can be installed from Equator area to Polar regions. The working temperature is -47-70°C.
- Integrated design, modular production and easy installation.
- Low voltage design, safety and reliability.
- Integrated package, convenient transportation.
- With LiFePO4 battery, high safety, long life span.
- With high efficiency LED, with 50000 hrs life span.
- With PC outdoor optical lens. High light transmittance, high temperature resistance and aging resistance.
- Exclusively designed diamond face reflection process, super high efficiency reflection light source, effectively enhance the brightness of the illumination.

Application place : It is widely used in home lighting, streets and roads, residential areas, scenic spots, parks, squares, private gardens and other public places, also used for night lighting of advertising board, and construction outdoor lighting, easy to install, energy saving, no need to pay electric fee, longer life span.



SN-TT1.0



SN-TT2.0

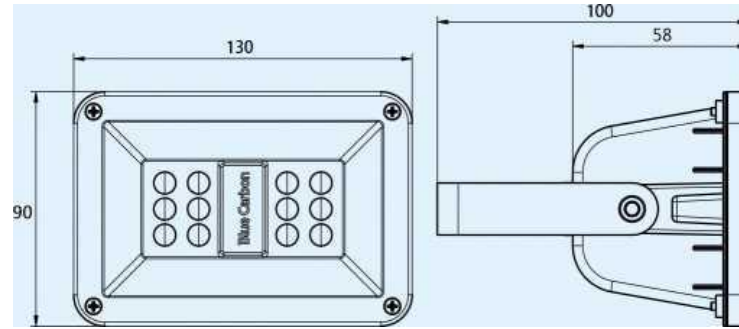
SN-TT3.0

Solar LED Flood Light Series
All In One Solar Lights

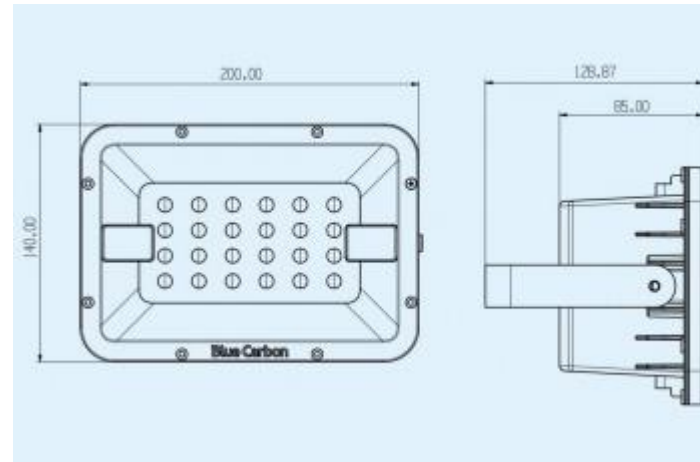
LED FLOOD LAMP | SN-FL Series
Power Option: 5W.13W.40W

Electrical Characteristic			
Model Number	SN-FL1.0	SN-FL2.0	SN-FL4.0
LED Power	5W	13W	40W
Solar Panel	5V/12W	5V/36W	5V/80W
Lithium Battery	3.2V/13AH	3.2V/20AH	3.2V/50AH
Luminous Flux	600 lm	1560 lm	4860 lm
Lighting time	The first 4 hrs full power lighting, the rest night lighting is intelligent power control.		
Warranty	5 years	5 years	5 years
Package size	395x215x235mm (LED)	210x145x120mm (LED)	278x198x225mm (LED)
Lens	With PC outdoor optical lens, high light transmittance.		

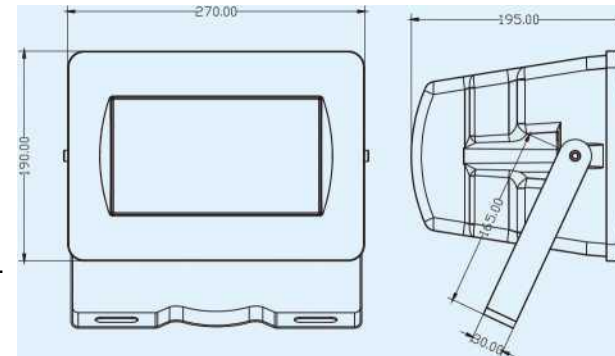
- The light never be off no matter how many rainy or cloudy days.
 - The light can be installed from Equator area to Polar regions.
 The working temperature is -47-70°C.
 - Integrated design, modular production and easy installation.
 - Low voltage design, safety and reliability.
 - Integrated package, convenient transportation.
 - With LiFePO4 battery, high safety, long life span.
 - With high efficiency LED, with 50000 hrs life span.
 - With PC outdoor optical lens. High light transmittance, high temperature resistance and aging resistance.
- Application place : It is widely used in streets and roads, residential areas, scenic spots, parks, squares, private gardens and other public places, also used for night lighting of advertising board, and construction outdoor lighting, easy to install, energy saving, no need to pay electric fee, longer life span.



SN-FL1.0



SN-FL2.0



SN-FL4.0

Solar LED Flood Light Series All In One Solar Lights

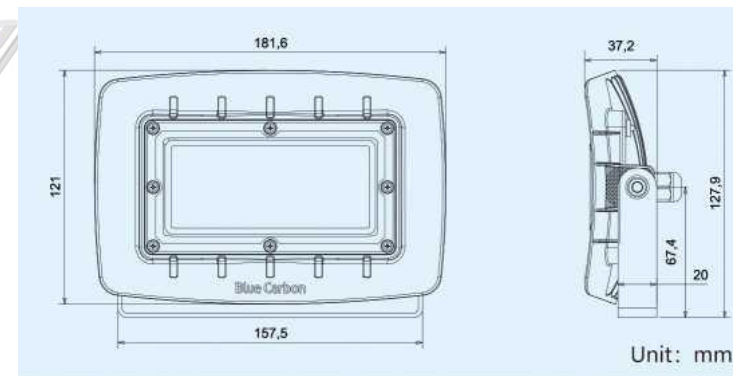
LED FLOOD LAMP | SN-FLR Series Power Option: 7W.20W RADAR SENSING

Electrical Characteristic

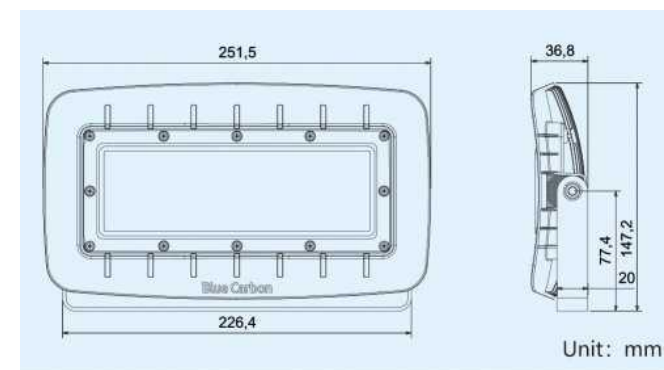
Model Number	SN-FLR1.0	SN-FLR2.0
LED Power	7W	50W
Solar Panel	5V/30W	5V/95W
Lithium Battery	3.2V/25AH	3.2V/65AH
Luminous Flux	1200 lm	5400 lm
Lighting time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	
Warranty	5 years	5 years
Package size	455x385x475mm(LED)	350x325x80mm (LED)
Lens	With PC outdoor optical lens, high light transmittance.	

- The light never be off no matter how many rainy or cloudy days.
- The light can be installed from Equator area to Polar regions. The working temperature is -47-70°C.
- Integrated design, modular production and easy installation.
- Low voltage design, safety and reliability.
- Integrated package, convenient transportation.
- With LiFePO4 battery, high safety, long life span.
- With high efficiency LED, with 50000 hrs life span.
- With PC outdoor optical lens. High light transmittance, high temperature resistance and aging resistance.
- Exclusively designed diamond face reflection process, super high efficiency reflection light source, effectively enhance the brightness of the illumination.

Application place : It is widely used in home lighting, streets and roads, residential areas, scenic spots, parks, squares, private gardens and other public places, also used for night lighting of advertising board, and construction outdoor lighting, easy to install, energy saving, no need to pay electric fee, longer life span.



SN-FLR1.0



SN-FLR2.0

8

Solar LED Flood Light Series All In One Solar Lights

LED FLOOD LAMP | SN-WW Series Power Option: 15W.18W

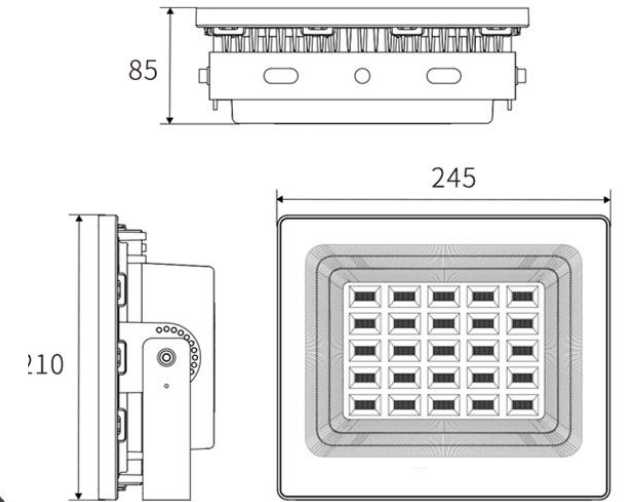
Electrical Characteristic

Model Number	SN-WW3.0	SN-WW4.0
LED Power	15W	18W
Solar Panel	5V/36W	5V/50W
Lithium Battery	3.2V/25AH	3.2V/35AH
Luminous Flux	1600 lm	2000 lm
Lighting time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	
Warranty	5 years	5 years
Package size	533x400x238mm(LED)	533x400x238mm (LED)
Lens	With PC outdoor optical lens, high light transmittance.	

- Independent R%D, patented products, integrated design, modular production, one-click installation.
- With high efficiency LED, with 50000 hrs life span.
- With LiFePO4 battery, high safety, long life span.
- Diamond surface reflection process, reflecting light source, enhancing the brightness of the lighting effectively.
- Widened and thickened bracket, positionable angle, installation stable & firm.
- With PC outdoor optical lens. High light transmittance, high temperature resistance and aging resistance.
- Gold-plated aviation plug, higher transmission speed, more safer.
- Low voltage design, safe and reliable.
- Integrated package, convenient transportation.

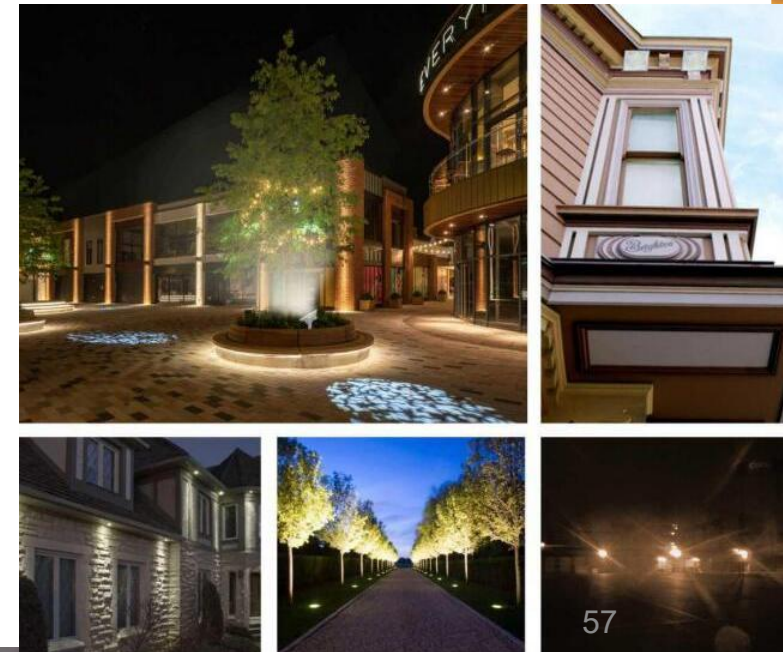
Application place :

It is widely used in home lighting, streets and roads, residential areas, scenic spots, parks, squares, private gardens and other public places, also used for night lighting of advertising board, and construction outdoor lighting, easy to install, energy saving, no need to pay electric fee, longer life span.



Unit: mm

SN-WW3.0/4.0



Solar LED Flood Light Series All In One Solar Lights

LED FLOOD LAMP | SN-WW Series

Power Option: 25W.45W

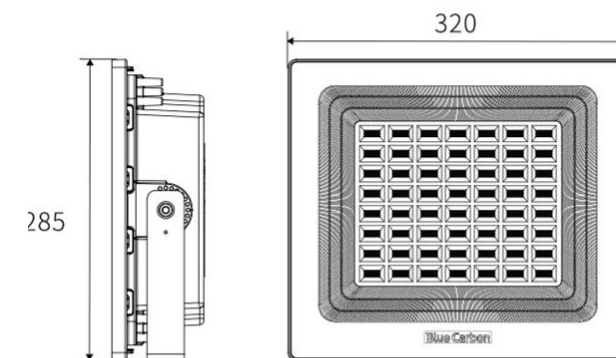
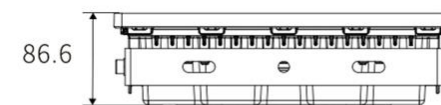
Electrical Characteristic

Model Number	SN-WW5.0	SN-WW6.0
LED Power	25W	45W
Solar Panel	5V/80W	5V/120W
Lithium Battery	3.2V/50AH	3.2V/65AH
Luminous Flux	3000 lm	5000 lm
Lighting time	6+X/Intelligent power control, and can use remote control to adjust brightness and working mode.	
Warranty	5 years	5 years
Package size	405x350x315mm(LED)	405x350x315mm(LED)
Lens	With PC outdoor optical lens, high light transmittance.	

- Independent R%D, patented products, integrated design, modular production, one-click installation.
- With high efficiency LED, with 50000 hrs life span.
- With LiFePO4 battery, high safety, long life span.
- Diamond surface reflection process, reflecting light source, enhancing the brightness of the lighting effectively.
- Widened and thickened bracket, positionable angle, installation stable & firm.
- With PC outdoor optical lens. High light transmittance, high temperature resistance and aging resistance.
- Gold-plated aviation plug, higher transmission speed, more safer.
- Low voltage design, safe and reliable.
- Integrated package, convenient transportation.

Application place :

It is widely used in home lighting, streets and roads, residential areas, scenic spots, parks, squares, private gardens and other public places, also used for night lighting of advertising board, and construction outdoor lighting, easy to install, energy saving, no need to pay electric fee, longer life span.



Unit: mm

SN-WW5.0/6.0



8

Solar LED Flood Light Series All In One Solar Lights

LED CEILING LAMP | SN-SCL1.0 Series

LED Power: 15W

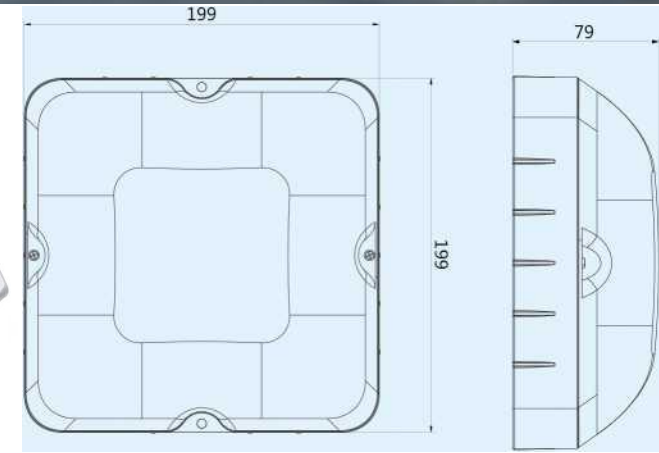
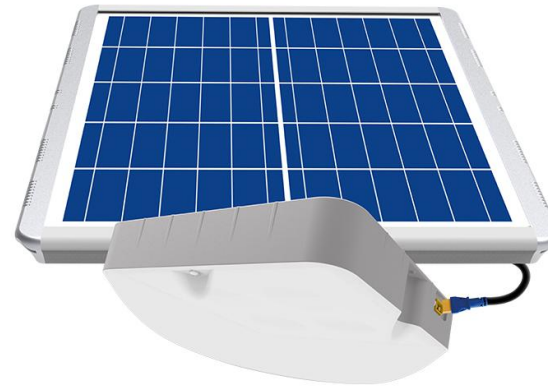
Electrical Characteristic

Model Number	SN-SCL1.0
LED Power	15W
Solar Panel	5V/30W
Lithium Battery	3.2V/25AH
Luminous Flux	1080 lm
Lighting time	The first 4 hrs full power lighting, the rest night lighting is intelligent power control, use remote-controller switch on and off at any time.
Warranty	5 years
Package size	515x402x164mm
Lens	With PC outdoor optical lens, high light transmittance.

- High quality aluminium magnesium alloy, independent mould.
- All night lighting. The light never be off no matter how many rainy or cloudy days.
- The light can be installed from Equator area to Polar regions. The working temperature is -47-70°C.
- Integrated design, modular production and one screw installation.
- 3.2V, low voltage design, safe and reliable.
- Integrated package, convenient transportation.
- With LiFePO4 battery, high safety, long lifespan.
- With high efficiency LED, with 50000 hrs life span.

Applicable place:

It is widely used in family and office, market, entertainment venues and other public places.





WARRANTY

Quality Ensured

01.

Maintenance

- Every 6 months;
- Clean solar panel surface;
- Fastening locking of screws.

02.

Warranty

- Models in page 4-49: 5 Years
- Models in page 50-59: 3 Years

03.

Return Policy

- Free replacement of spare parts;
- Free replacement of whole lamp in case problem spare parts account for 1/3 of total product.

04.

Disclaimer Declaration

- Earthquake, flood, thunder, natural hazards, fire disaster;
- Theft, traffic accident;
- Handling and performance not complying with Manual.



SINOLTECH
Advantage

KEY ADVANTAGES

Strict Quality Control System

Our strict quality inspection standard ensures systematic quality inspection process, reduces error rate to the minimum.

Profession in Technical Support

Our technical team consists of over 30 senior engineers in electronics, intelligent software and lighting design. Strong technical support team ensures professional pre-sale and after-sale services, and provides solid technical base for cooperation.

Efficient communication

Experienced sales team provides most efficient sales services higher than the overall industrial standard. Solution is made upon customers' demand. Meeting the multiple demands from different applications.

Design and Innovation

SINOLTECH never stops innovation. We have achieved the national patents on “Flex PV integrated Street Post” and “Cylinder PV suport Vertical Street Light”. We are always focusing on BIPV, integrating solar with building to achieve the best energy saving and architectural aesthetics, and we will keep on doing this in future.



Summary of Major Events

Shandong Sinoltech International Co., Ltd

Specializing in the fields of:

01. Overseas marketing and selling for Thin Film Flexible solar panels from 40W-520W.
02. Design BIPV project, provide solutions for integrating flexible solar panels onto roofing, street furnitures(bus stop, parking lot roof, lighting box, advertising board etc), streetlight pole, resevoir and landfill covering, buidling wall cladding with Flex PV, etc.
03. Provide overall design for thin film flex pv system base on CAD drawing.
04. Focusing on unique design on Solar Lighting Fixtures, ODM production for lithium battery built-in solar street lights, solar garden lights, solar flood lights ranging from 5W-120W, meeting various lighting requirements in different areas.
05. Outdoor Solar Chargers, made of ETFE lamination technology, quick charging of daily electronic products, foldable, light weight, durable, weather resistant.
06. Providing spare parts for Solar PV System, covering solar controller, inverter, PV cables, MC4 connectors, installation tool kit etc.

WWW.SINOLTECH.COM

WWW.SINOLSOLAR.COM

Year 2005

SINOLTECH sets up an independent subdisary "SHANDONG SINOLTECH INTERNATIONAL CO., LTD"

Specializing in design, innovate, ODM specific solar photovoltaic products.

Registered Trademark: SINOLTECH

Flex PV and Solar Streetlight are our core business and directions.

Year 2018

Innovation and Design

Application No.: 202023283713.3

Design concept: Adopting casting aluminum frame to form quadrilateral shape cylinder solar pv, fixing onto streetlight pole to achieve integrating design.

Solar PV integrates with street furniture to achieve best architectural aesthetics.

SINOLTECH ENERGY LIMITED
Firstly established in Hongkong

Enterprise objective:

“Low carbon”, “Green energy”

Year 2017

Innovation and Design

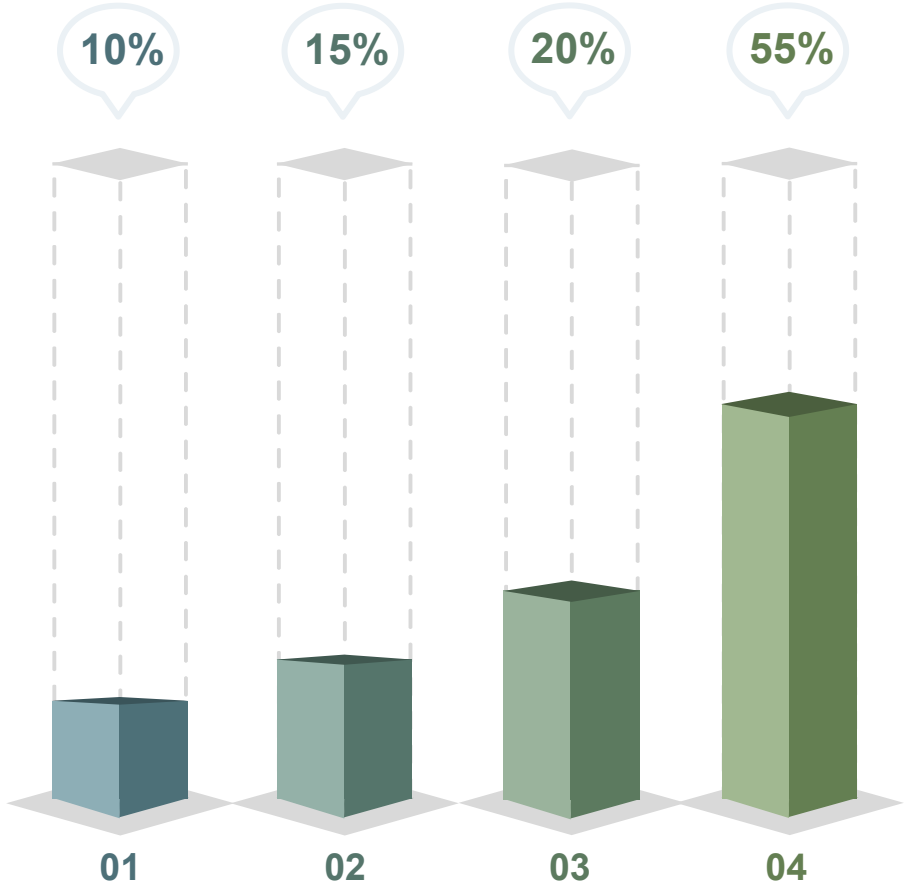
Patent No.: CN209101182U

Design concept: Integrating thin film flexible solar panel onto streetlight post, reducing weight pressure on pole top, increasing wind loading rating and enhancing resistance under harsh weather conditions, achieving the real BIPV.

Year 2020

Marketing Share

SINOLTECH Main Market Distribution, period: 2013~2020
Base on: Sales Volume Proportion



- 01 CIS, Africa and other islands
- 02 North America, Oceania
- 03 Europe
- 04 Souteast Asia, West Asia, South Asia

Corporate Culture

We believe in quality and profession

Finding one direction, we'll keep moving forward, never stop improving.

We will find one place in this industrial area, focus on meeting customers' demands, thus provide best cost-effective products and services with quality assurance and most intimate after-sale services.



**Quality
Ensured**



**Keep
Improving**



**Efficiency
Matters**



**Open
Horizon**

The product information in this brochure is only in summary.

Feel free to contact us for detail documents of each product series:

01. Product Data Sheet | 02. Installation Manual | 03. Project Photos | 04. Certificate and Testing Report. 64



SINOLTECH

CONTACT US



General Manager

Susan LIU
Email: Susan@sinoltech.com
TEL(WhatsApp): 0086-15318807707



LinkedIn

<https://www.linkedin.com/company/13427351>



Homepage

www.sinolsolar.com
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ENF Solar

<https://www.enfsolar.com/sinoltech?directory=panel>