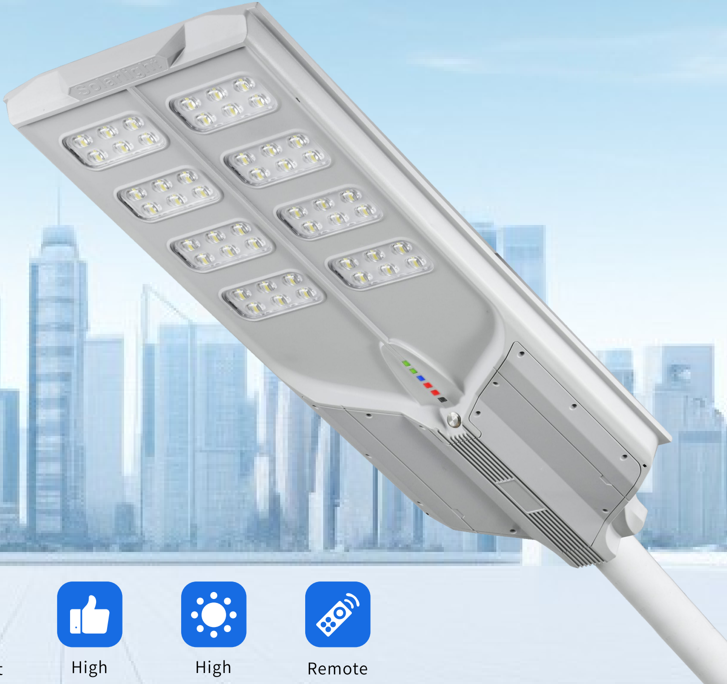
NEW DESIGN

ZL-70 Series

Integrated Solar Street Light


Solarlight

High Cost

High

High

Remote

Performance Quality Brightness Control

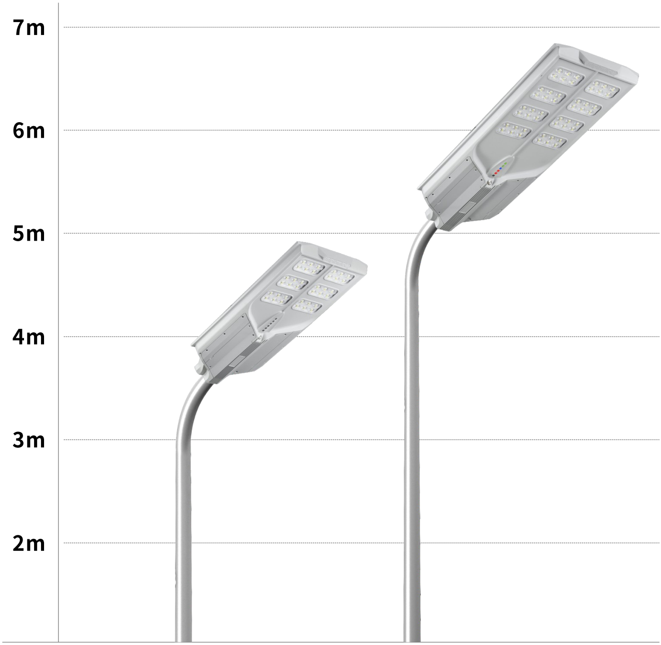
Human Body Induction

Adjustable Bracket

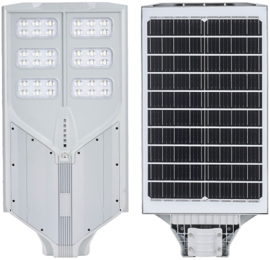
3 Cloudy/ Rainy Days

Ip65 Waterproof

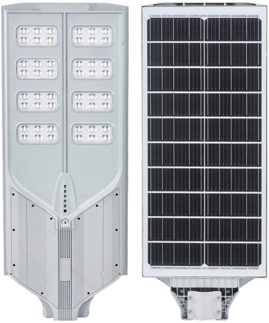
1、Recommended installation height



2、Product Parameters

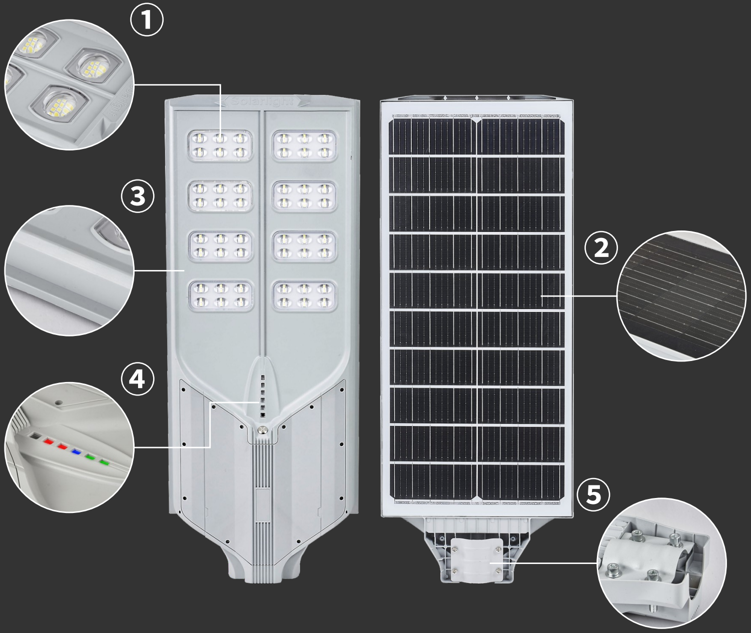


Model:	ZL70-400W
Control Mode:	Light Control+ Remote Control
Solar Panel:	5V/35W
Battery:	LiFe PO4-3.2V/36000mAh
Led Chip:	72PCS-5054
Material:	Aluminum Die - Casting+ Optical Lens
Waterproof:	IP 65
Charging Time:	4-6h
Lumen:	2950lm
Color Temperature:	3000K-7500k
Lamp Size:	710*350*61.5mm
Installation Height:	3-5M
Irradiation Area:	200m²



Model:	ZL70-500W
Control Mode:	Light Control+ Remote Control
Solar Panel:	5V/50W
Battery:	LiFe PO4-3.2V/48000mAh
Led Chip:	96PCS-5054
Material:	Aluminum Die - Casting+ Optical Lens
Waterproof:	IP 65
Charging Time:	4-6h
Lumen:	3216lm
Color Temperature:	3000K-7500k
Lamp Size:	890*350*61.5mm
Installation Height:	4-6M
Irradiation Area:	280m²

3、Exploded View


①
③
④
②
⑤
Solarlight

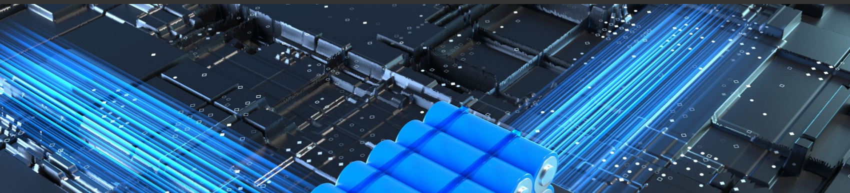
① LED light board + optical lens

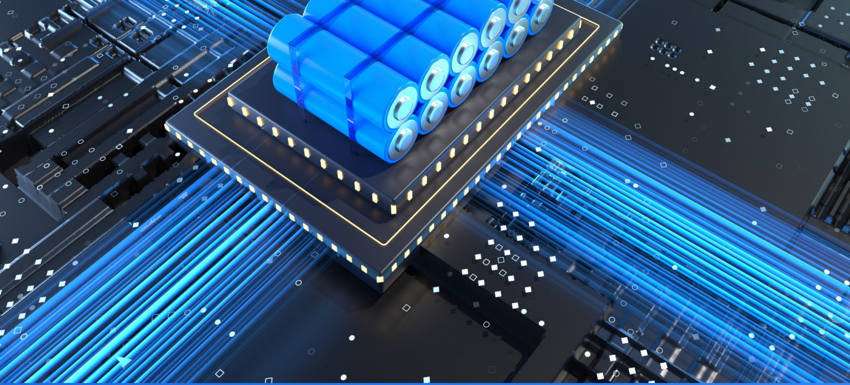
② Mono solar panel

③ Aluminum Die Casting + Optical Lens

④ Battery capacity indicators

⑤ Bracket



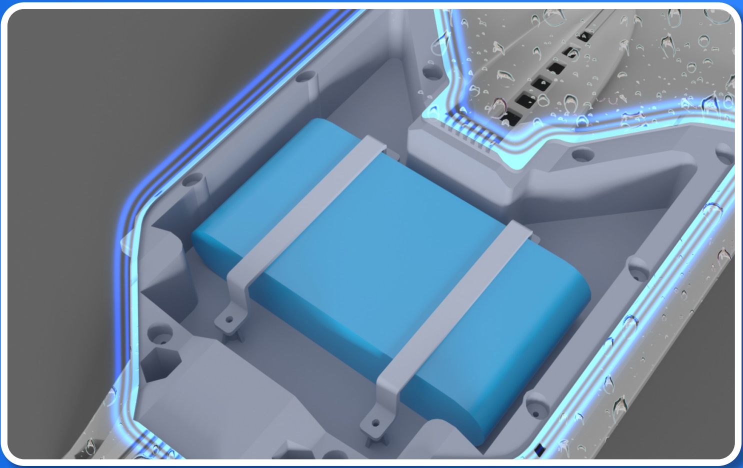


Space energy storage box All-A grade lithium iron phosphate battery

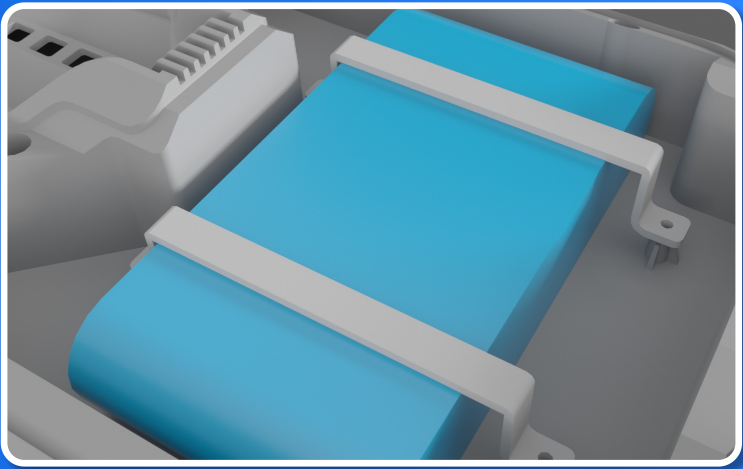
High conversion

Recharge

Long life



The battery part is equipped with an independent battery protection compartment to prevent rainwater from seeping into the interior and damaging the battery.



Adding independent battery buckles to reinforce the battery installation and prevent the battery from falling off.

5054 HIGH LIGHT EFFICIENCY LAMP BEADS

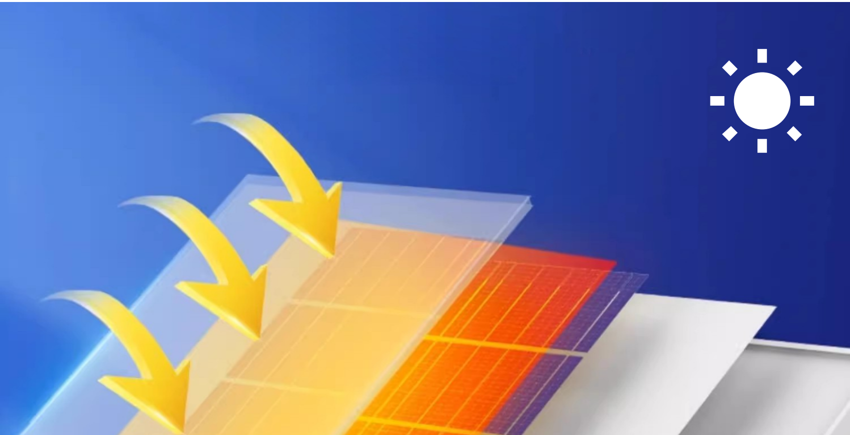
High Light Efficiency

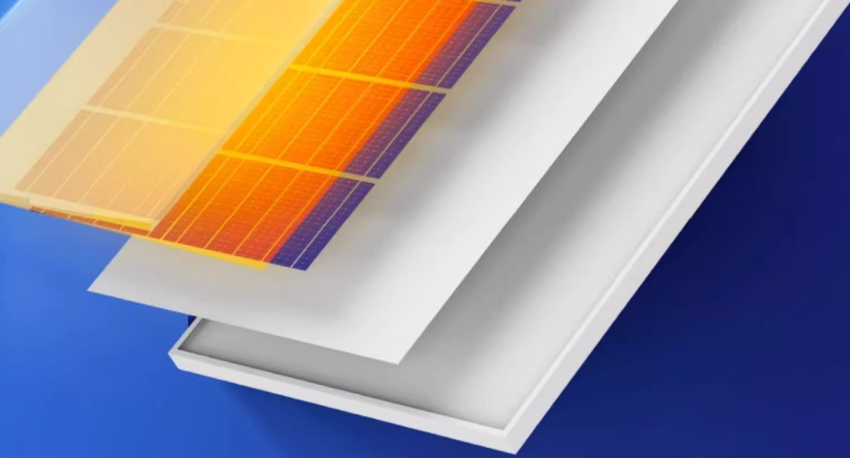
Low Light Decay

Good Heat Dissipation Performance

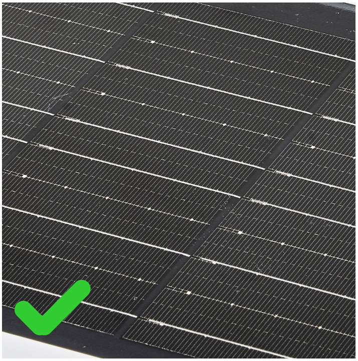
Long Life

The led source adopts separate waterproof design to further prevent rainwater from seeping in and extend the service life of the lamp.

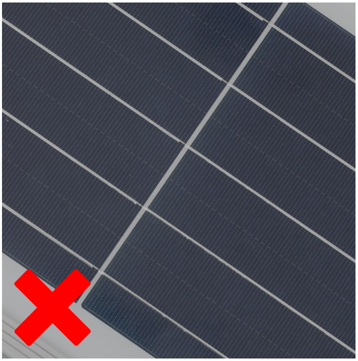




High-efficiency monocrystalline silicon solar panels



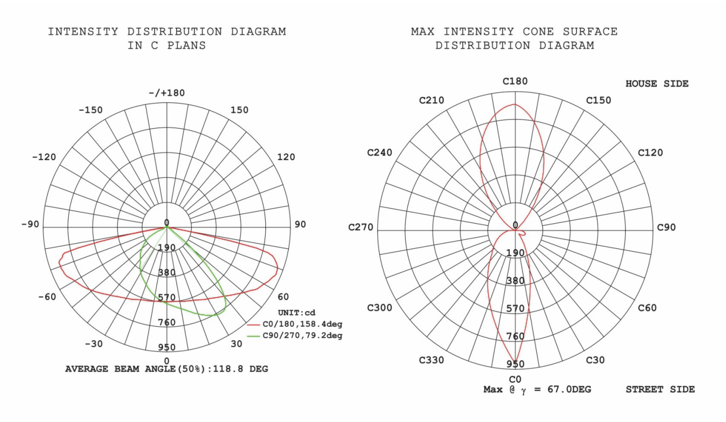
Using monocrystalline silicon solar panels, the conversion efficiency is higher, the life is longer, and the attenuation rate is lower

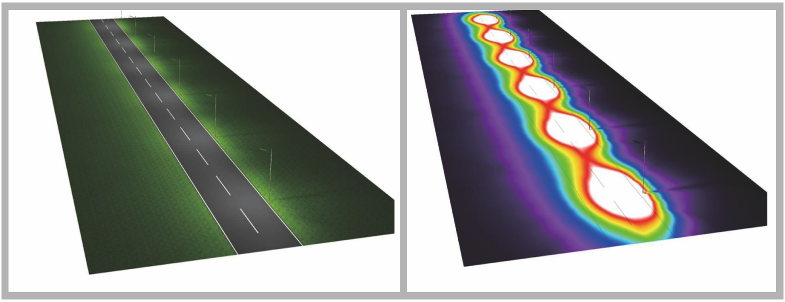


Most products on the market use polycrystalline silicon solar panels, which have a lower conversion rate, a shorter life, and an annual attenuation rate of 15-30%

4、Light Distribution Curve

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

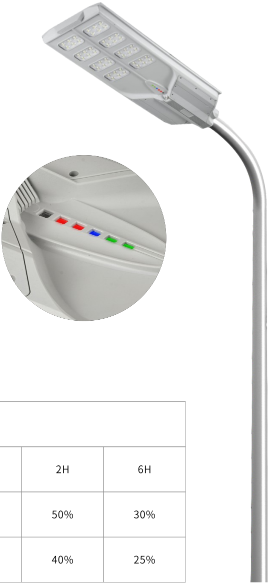




Large luminous angle,30% increased in irradiation area

Through professional optical design, this product is equipped with an optical lens of 150*70, and the luminous angle is at the same installation height,30%larger than the traditional 120 degree irradiation area.

The Controller of 70 series adopts extremely simplified design, integrated controller, microwave induction, the maintenance is simple, and the stability is higher.



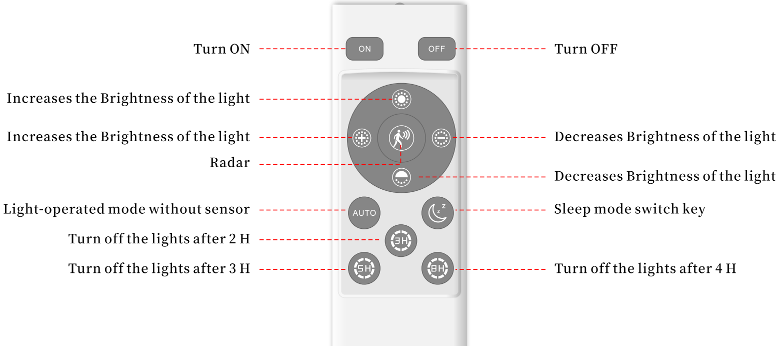
1.Battery Power indicators

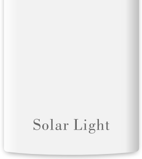
The 5 indicator lights display the battery capacity, and 1 indicator led represents 20% power
1 indicator on:20% power Red Light
2 indicators on:20%-40% power Red Light
3 indicators on:40%-60% power Blue Light
4indicators on:60%-80% power Green light
5 indicators on:80%-100% power Green light

2. lighting Mode

Model-On Time						
Power reductionin differen tmodes	0.5H	1H	2H	1.5H	2H	6H
Sensor mode	100%	80%	70%	60%	50%	30%
AUTO mode	100%	80%	60%	50%	40%	25%

5、instructions of Remote Controller


Turn ON
ON
OFF
Turn OFF
Increases the Brightness of the light
Increases the Brightness of the light
Decreases Brightness of the light
Radar
Decreases Brightness of the light
Light-operated mode without sensor
AUTO
Sleep mode switch key
Turn off the lights after 2 H
3H
Turn off the lights after 3 H
5H
8H
Turn off the lights after 4 H


Solar Light

Mode 1	Bright from dusk to dawn, no sensor functionality	AUTO
Mode 2	With sensor function , it is 100% bright when people comes and 30% when people leaves. bright from dusk to dawn	Radar
Mode 3	No sensor functionality Turn off the light after 3/5/8 hours.	Radar+3/5/8
Mode 4	With sensor function , it is 100% bright when people come and 30%when people leave. bright from dusk to dawn.Turn off the light after 3/5/8 hours.	Radar+3/5/8

Tips:

1.Pressing the key "AUTO" the light will automatically turn on in the dark and turn off to charge in the day.

2.Please never connect AC110V/220V AC to this unit as it will damage the lamp and very likely cause personal injury or electric shock.

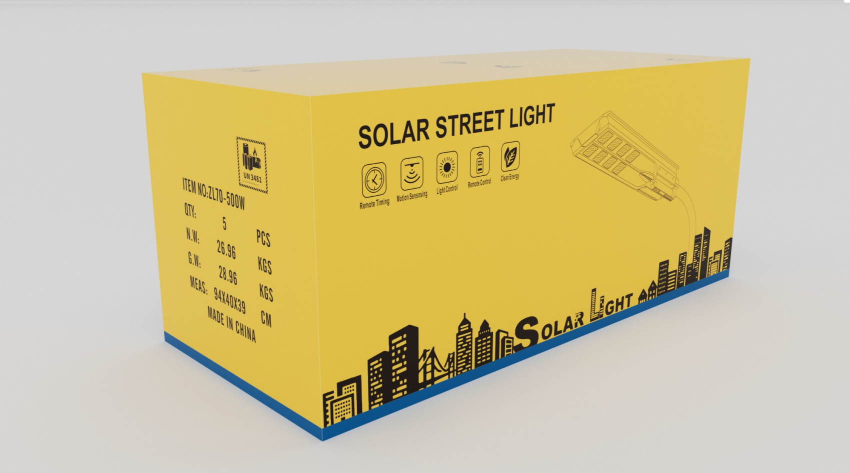
3.Please ensure the installation is affixed firmly to solid/permanent fixture so as to avoid its falling & causing injury.

4.Disassembling the lamp, panel or any parts will cancel the warranty immediately

5.Please regularly clean dust, debris and bird droppings from the solar panel to maintain the panel's output and provide maximum efficiency for battery charging .

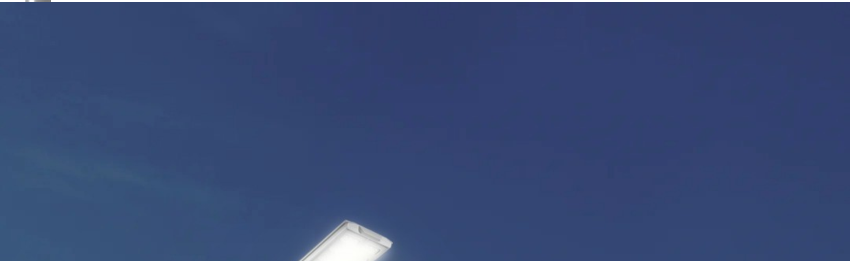
SOLAR
STREET
LIGHT
70 SERIES
SOLAR
STREET LIGHT
70 SERIES

BATTERY CAPACITY INDICATOR
OPTICAL LENS
POWER BATTERY
Protection Rating IP 65
Note: Please test the street-light before installation.
CE RoHS COMPLIANT


SOLAR STREET LIGHT
Remote Timing
Motion Sensensing
Light Control
Remote Control
Clean Energy
UN 3481
ITEM NO:ZL70-500W
QTY: 5 PCS
N.W.: 26.96 KGS
G.W.: 28.96 KGS
MEAS: 94X40X39 CM
MADE IN CHINA
SOLAR LIGHT

Packing List			
Model	Carton Size	Pcs/ctn	G.W(kg)
ZL-70400	76*50*39cm	5	28.55
ZL-70500	94*40*39cm	4	28.96

6、Real shots from multiple angles



小红书