USHINERAY

LED Solar Street Light

A series

IP66

USHINERAY

Shenzhen Yongxinrui Lighting Technology Co.,Ltd

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Product Features

- Mainstream integrated structure design, saving transportation costs.
- Bridgelux chips 5050 (Lifetime 100000hours).
- Imported high-efficiency monocrystalline silicon.
- Whole lamp can be 30° adjustable.
- Built-in large capacity LifePO4 battery.
- Beam angle is 80°*155°, wide lighting area.
- Easy to install and disassembly, convenient for maintenance.
- With 4 lighting modes, flexible to switch via remote control.
- Remote control distance up to 15 meters.

A Series

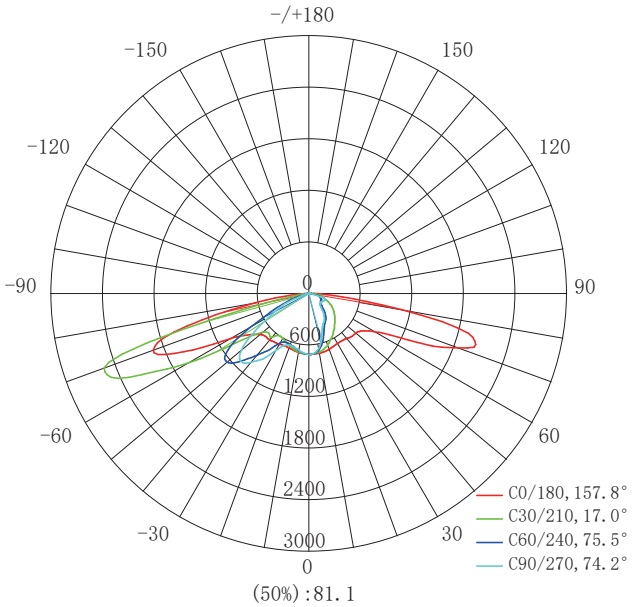
Multi-mode Conversion

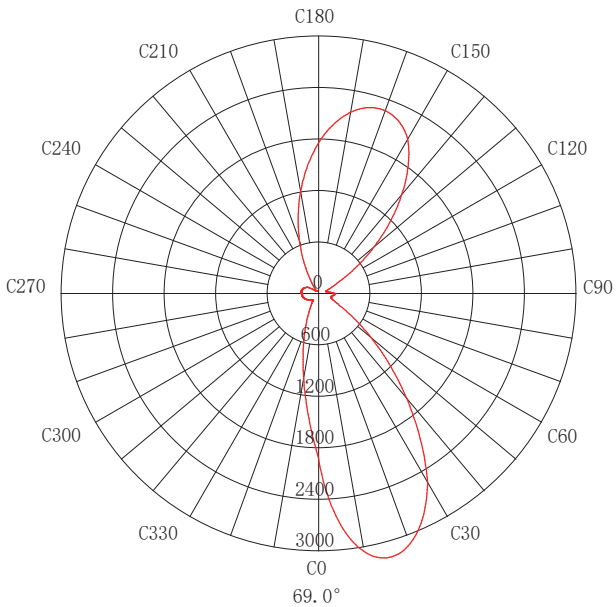
Remote control conversion mode
One lamp, multiple modes, change as you want.

Specifications

Model	YXR-SSL-40A	YXR-SSL-60A	YXR-SSL-80A
Mono solar panel	18V 37W	18V 44W	18V 57W
Battery capacity	12.8V 12AH	12.8V 18AH	12.8V 24AH
CCT	2700K-6500K		
Brightness	180LM/W		
Charging Time	6~8 hours by bright sunlight		
Working Time	12-15 hours (5-7 rainy days)		
Control Mode	Time control + Microwave induction or Infrared induction		
IP Rating	IP66		
Mounting Height	4-6m	5-7m	6-8m
Installing space between 2 lamps	10-20m	15-25m	20-30m
Mounting hole	φ78mm		
Warranty	3 Years		
Product Size(mm)	697*361*209	846*361*209	1096*361*209
Net Weight(kg)	7.7	9.5	11.7

Light Distribution Curves:





Product Features

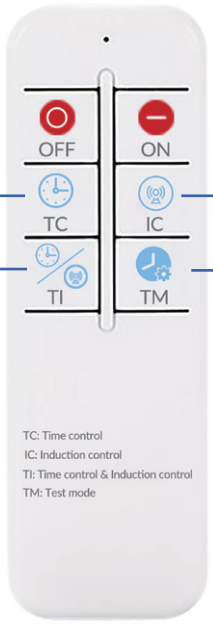
Sensing distance 10 meters

Time control

2H 100%+ 2H 60%+ 3H 30% + 5H 20%

Induction control

2H someone approaching 100% no one approaching 50% + 2H someone approaching 60% no one approaching 30% + 3H someone approaching 30% no one approaching 10% + 5H someone approaching 20% no one approaching 5%



Time control & Induction control

2H someone approaching 100% + 2H someone approaching 60% no one approaching 20% + 3H someone approaching 30% no one approaching 10% + 5H someone approaching 20% no one approaching 5%

Test mode

When this button is pressed, the lamp will turn on at the maximum power for 2 minutes and then enter the normal state.

Product Details

Rod adapter

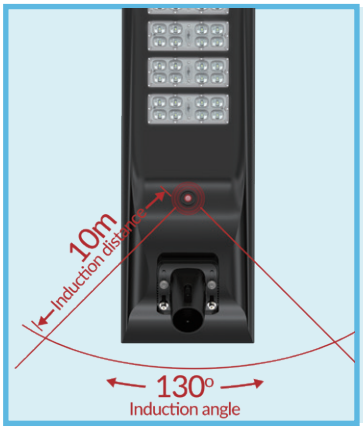
Installation hole 78mm.

Smart sensor

Multifunctional microwave induction.

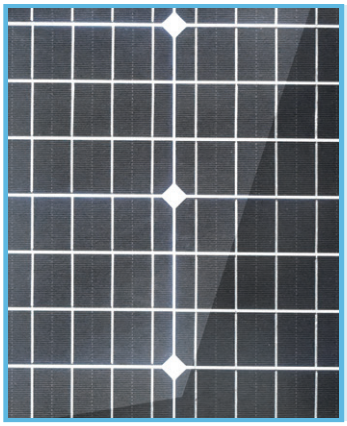
Smart Remote

There are multi-working modes, you can change its working mode as you need.



Induction range

130° Induction angle, 10m Induction distance.



Solar panel

High-efficiency solar panel, >21% photoelectric conversion rate, special surface treatment.

Bridgelux chips 5050

High brightness, lifetime 100000 hours.

The whole lamp IP66 Ingress protection

Lamp with silicone waterproof sealing strip, UV-resistant material, reliable without failure.

Thickened aluminum die-casting shell

The shell is made of ADC12 aluminum die-casting, which has high temperature resistance, anti-corrosion, effectively guarantees the service life of the lamps.

Smart sensing

Microwave induction or Infrared induction

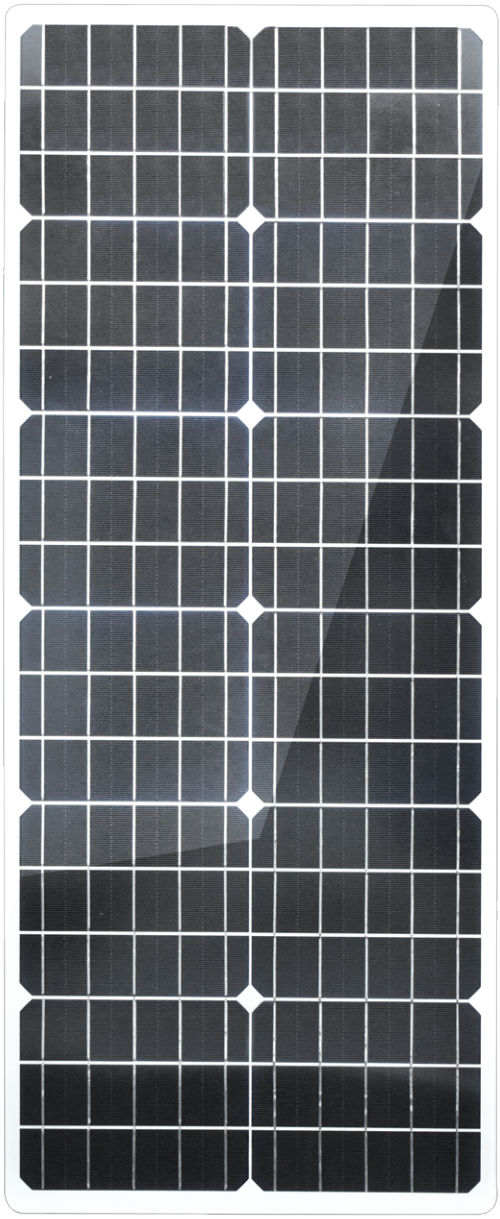
Microwave induction: When the sensor detects the movement of the human or object, the light will turn on.

Infrared induction: When the sensor detects infrared heat energy caused by the movement of the human body and triggers the light.

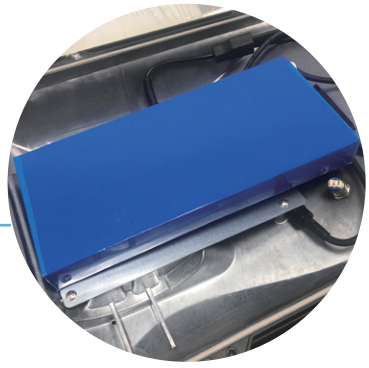
The sensing distance is about 10 meters.

Solar Panels

High Efficiency Monocrystalline Silicon Solar Panel



Large capacity battery



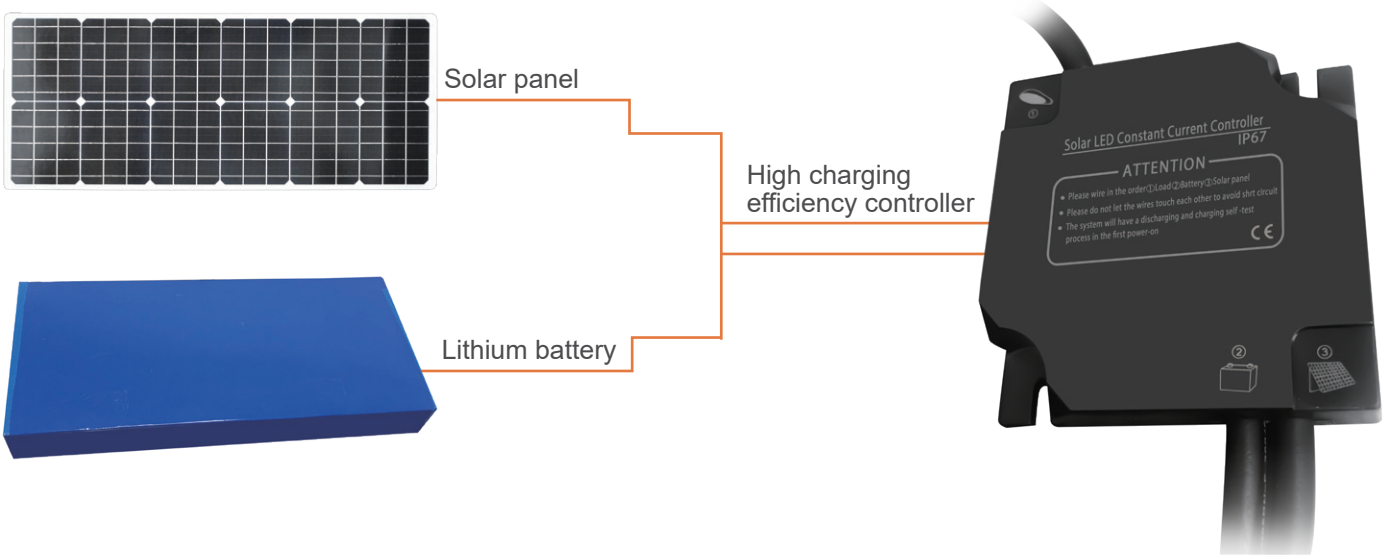
- Monocrystalline silicon solar panel
- >21% Phootoelectric conversion efficiency
- 25 years lifespan

Solar Panels

High charging efficiency controller

Can automaically adjust the output power according to weather changing.

Qualification rate 99.5%



Lithium battery

Can work at temperatures from-20°c to +55° c

VS

Ternary lithium battery

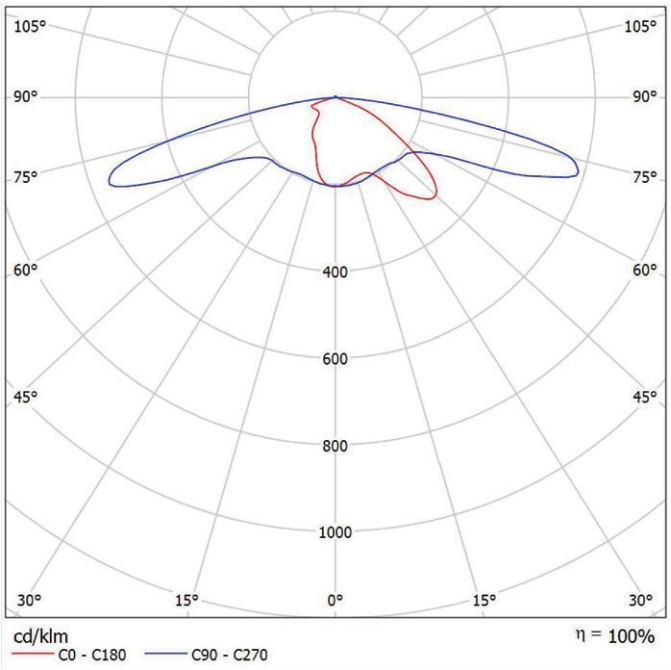
800 cycles

Lithium iron phosphate(LifePO4) battery

>2000 cycles

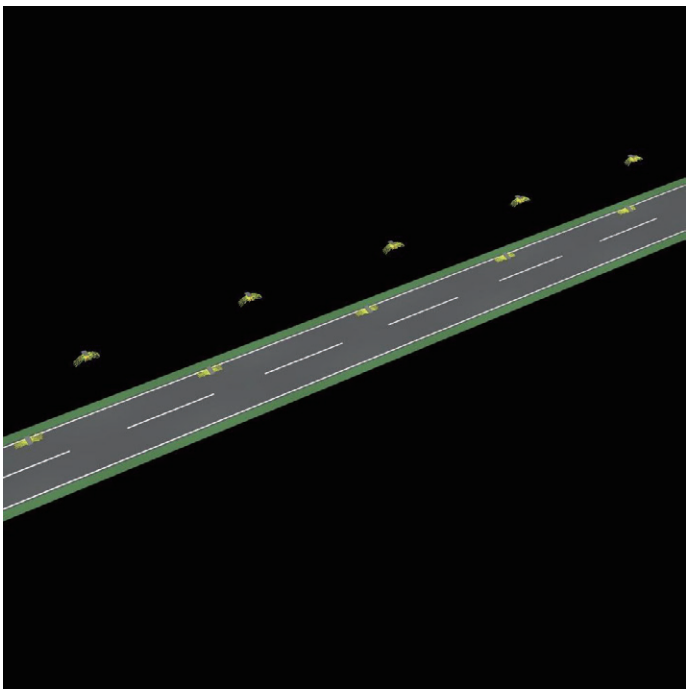
Spectra

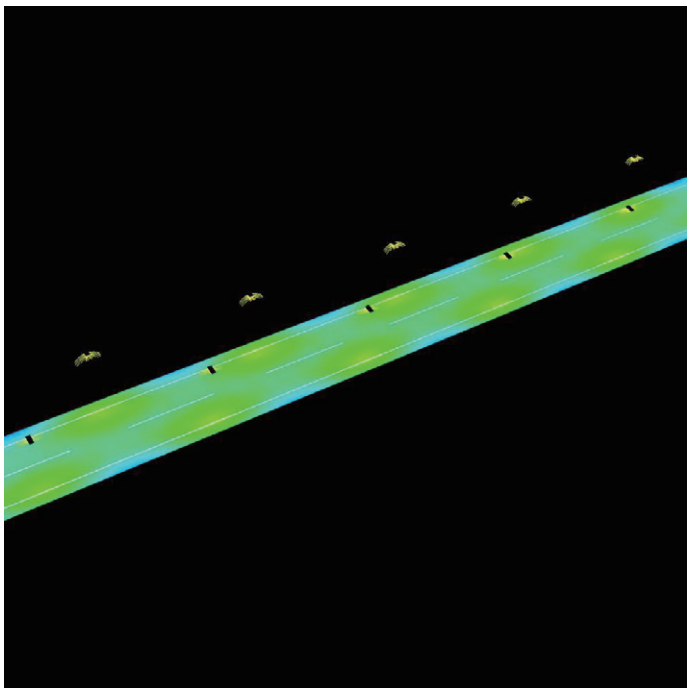
Luminaires are classified according to
CIE: 99CIE Flux Code: 28 58 92 99 100

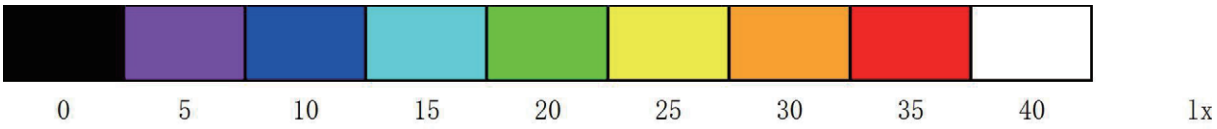


The UGR glare table for this fixture cannot be displayed due to missing symmetry properties.

Road lighting simulation

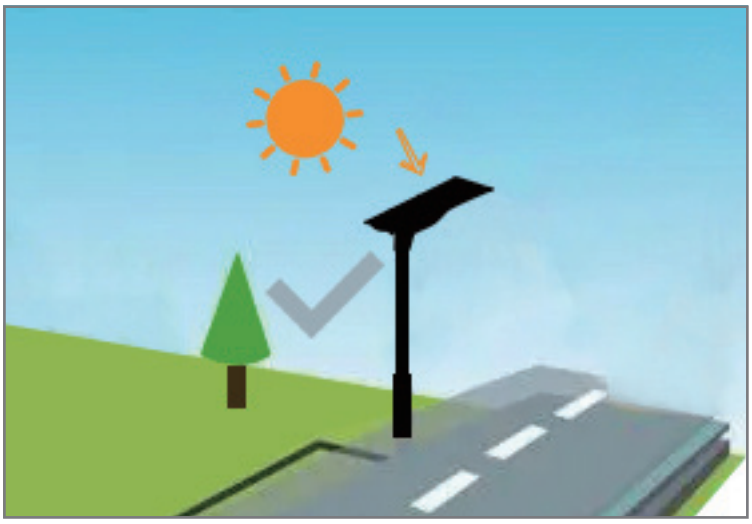




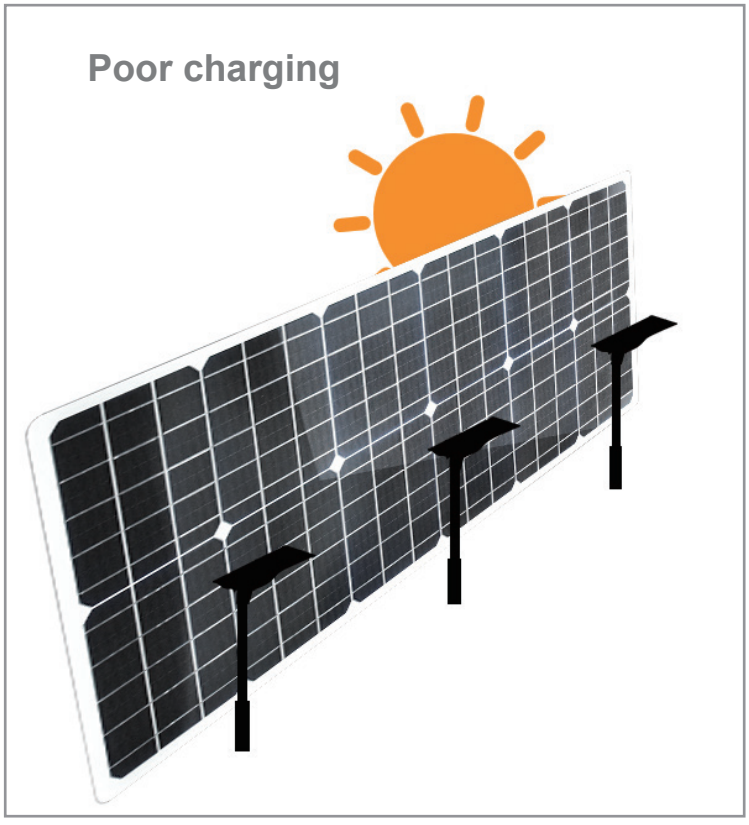


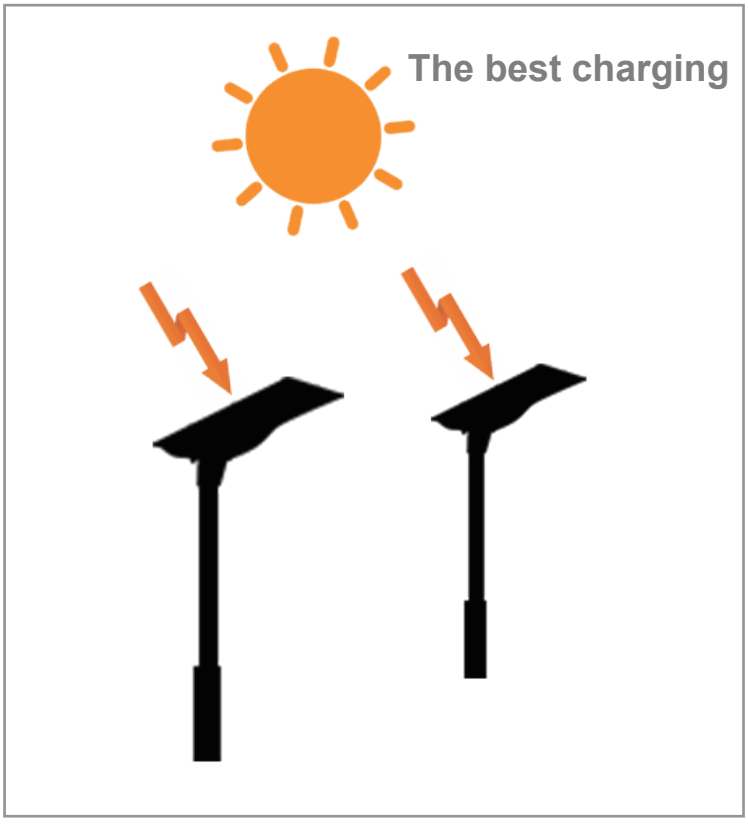
Installation Instructions

Kind tips 1



Kind tips 2

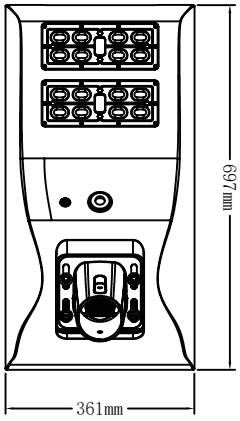




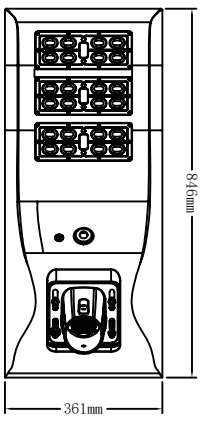
- When installing the integrated solar led street light, please choose a position with enugh sunshine and fully exposure.
- Please note the solar panel must be fully exposed, without any shelter.

Product Sizes

YXR-SSL-40A

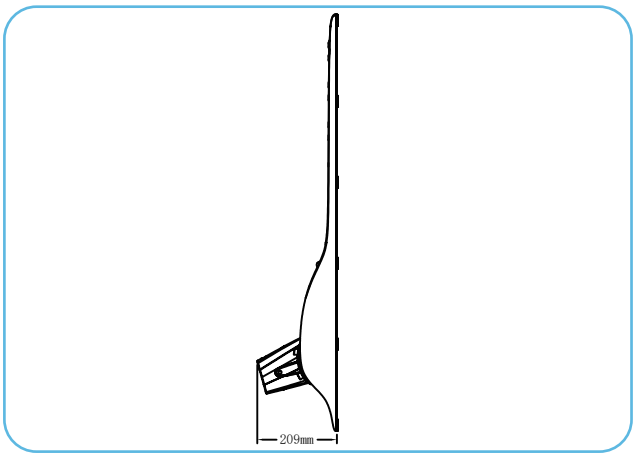


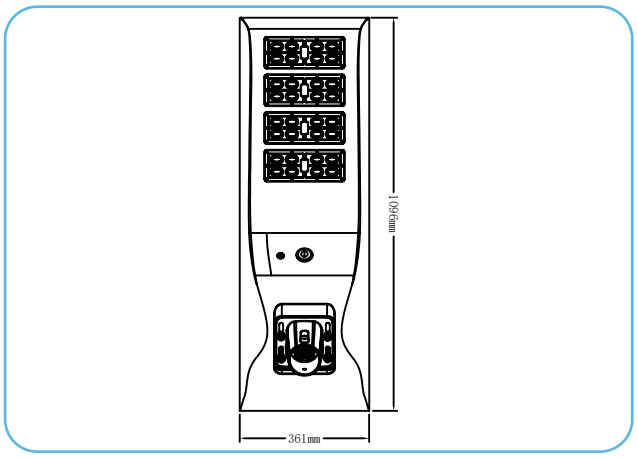
YXR-SSL-60A



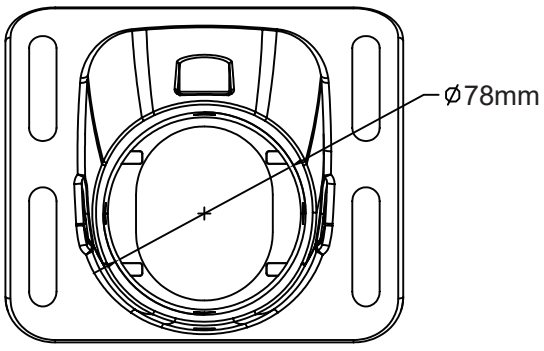
Product Sizes

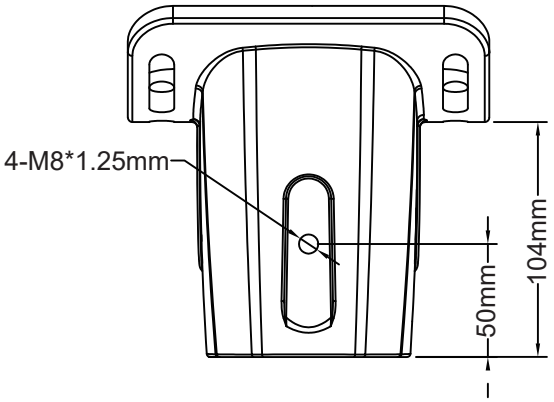
YXR-SSL-80A





Mounting hole





Packing

Model	G.W.	Q'ty/Ctn(pcs)	Carton(cm) (Lamp)	Carton(cm) (Base)
YXR-SSL-40A	8.7kg		76*43*15	46*35*18
YXR-SSL-60A	11kg	1lamp/Ctn 6base/Ctn	91*43*15	
YXR-SSL-80A	13.7kg		116*43*15	

Project Cases