

SOLAR LED STREET LIGHT

LV Series



OVERVIEW

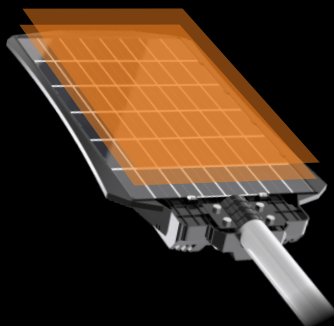


ELECTRICAL



NEW LITHIUM BATTERY

High-capacity battery
Battery 0 cycle
Low voltage protection
Long service life

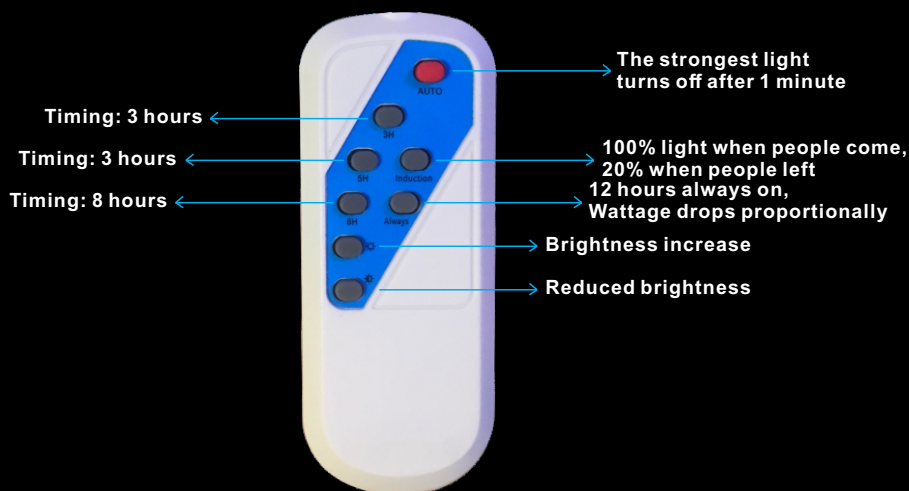


SOLAR PANEL CHARGING

With 18%-20% high efficiency conversion rate,
Which can also be charged in low light environment,
Smart charging during the day smart lights at night.

INTELLIGENT REMOTE CONTROL

- Timing
- Automatic Turn ON/OFF



EXPLODED

High-efficiency polycrystalline solar panels

The high thermal conductivity aluminum PCB quickly dissipates the heat of the leds

High lumen 5730 SMD light source

Optical PC lens, precise light control. UV resistance, no yellowing after long-term use.

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ABS material body

Solar battery

ABS material shell

Sensor module

Streamline Shape Wind-proof Design



Charging/Working indicator light

APPLICATIONS

Widely applicable to roads, express ways, parks, plazas, villas and other strong wind rural mountain areas.

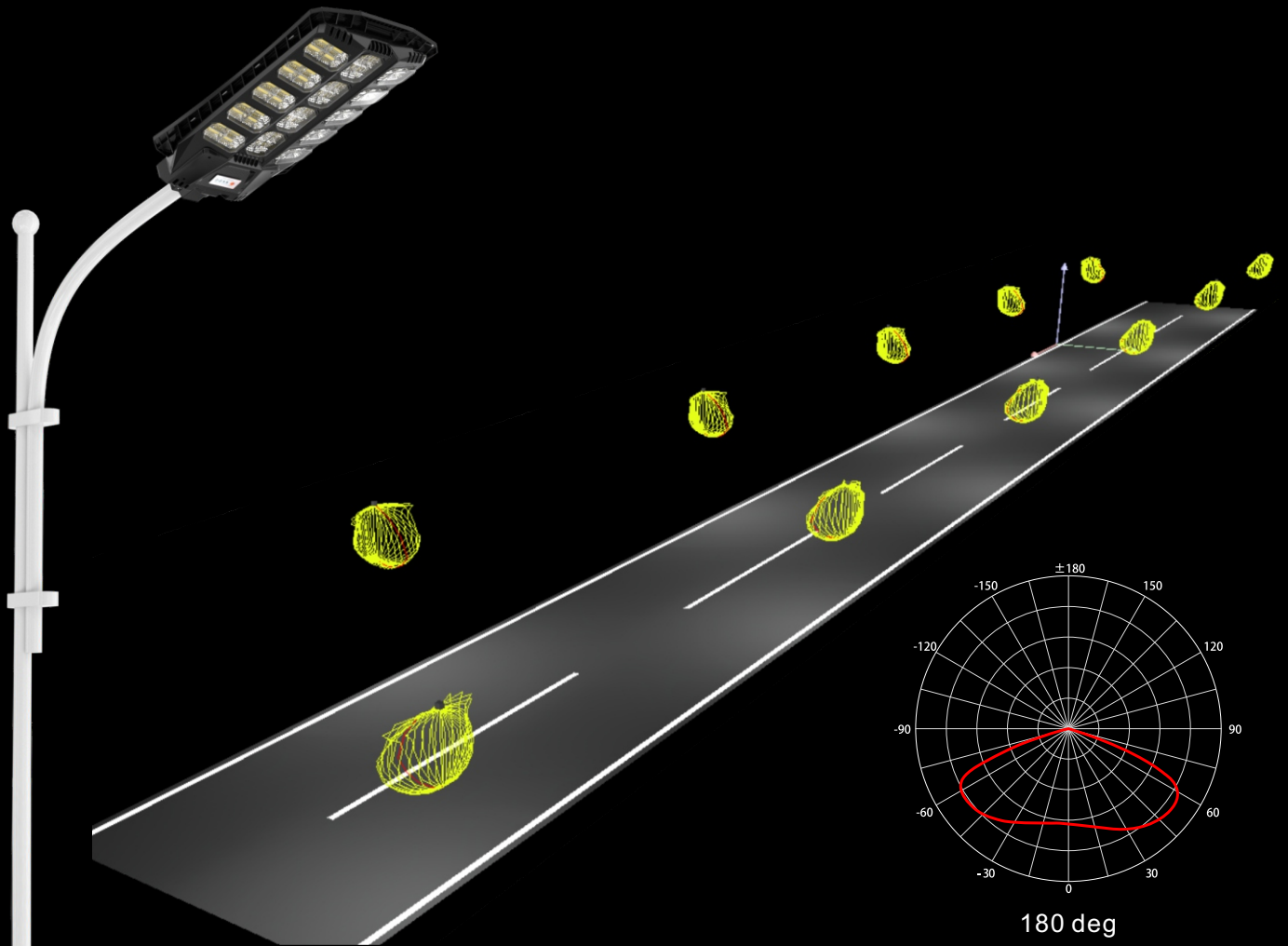
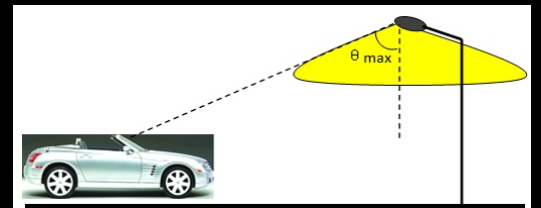
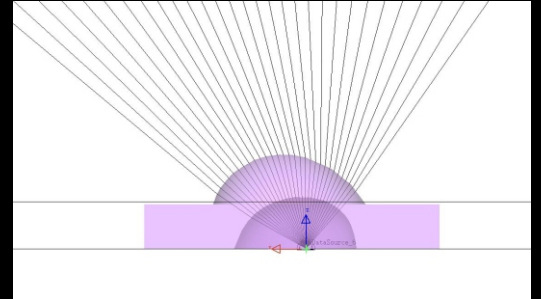
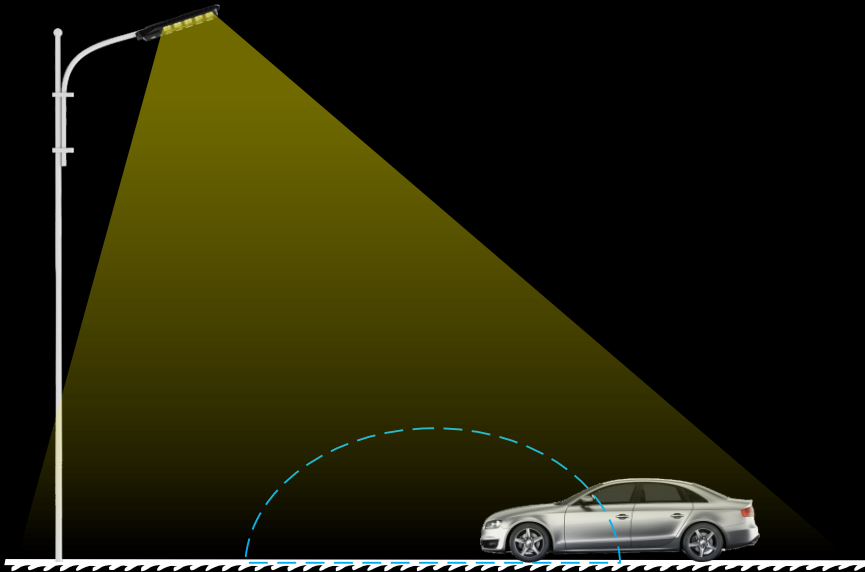


OPTICS

Tech. Support: Tell us the room length, width, height and the usage.

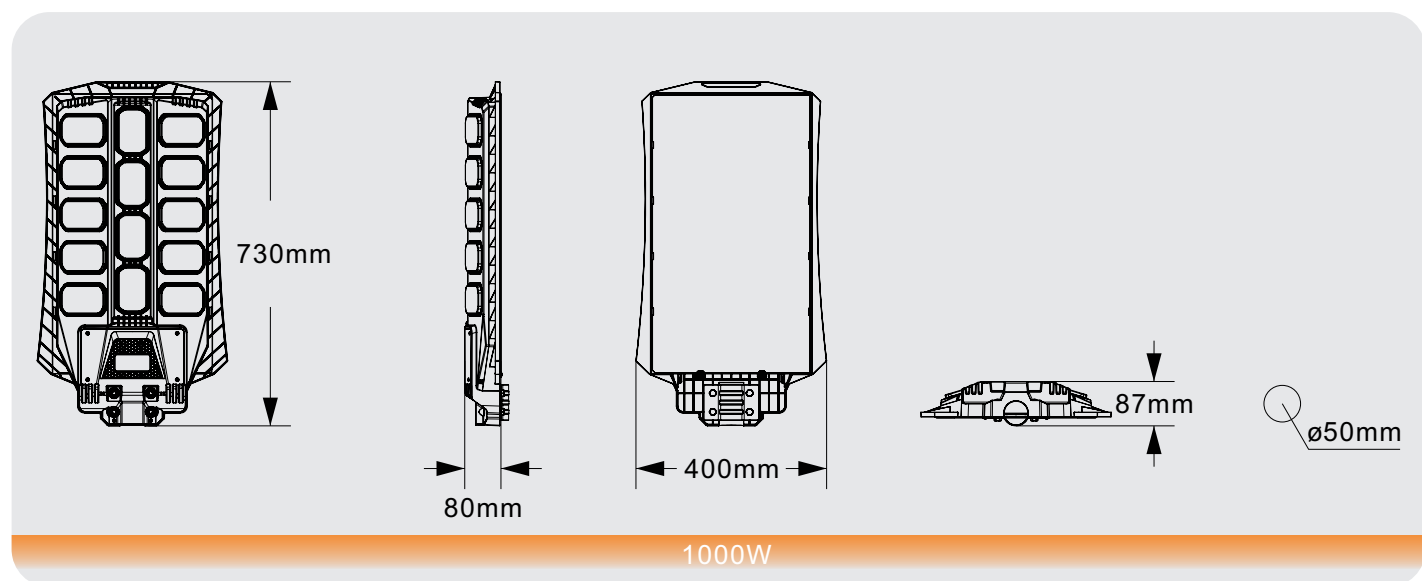
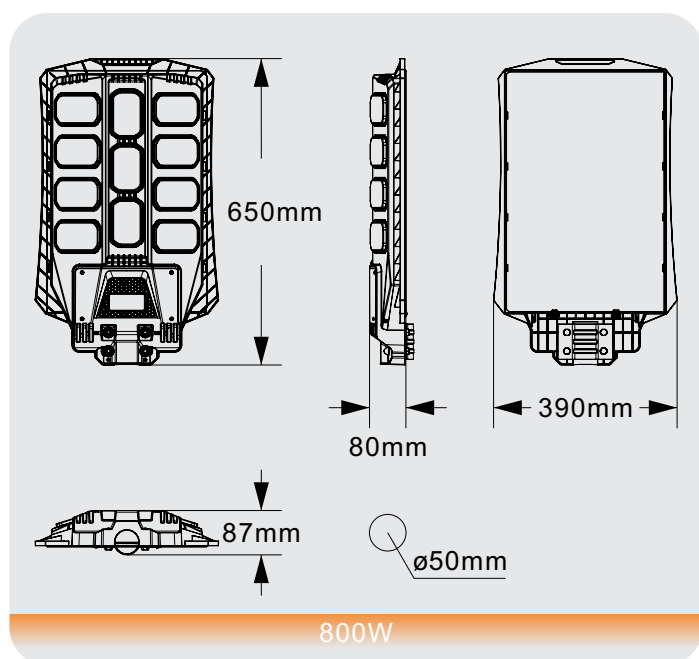
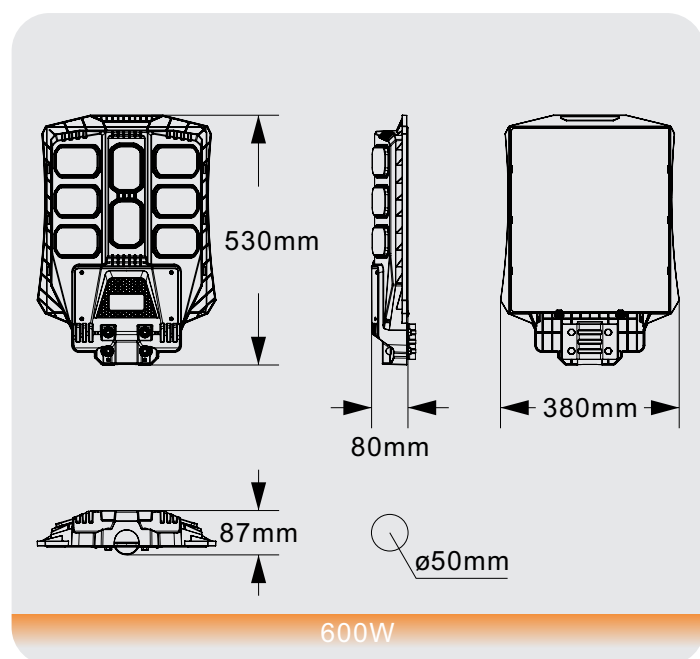
We have an engineer team to respond the DIALUX simulations for lights quantity calculation and effects.

ies files are available upon request.

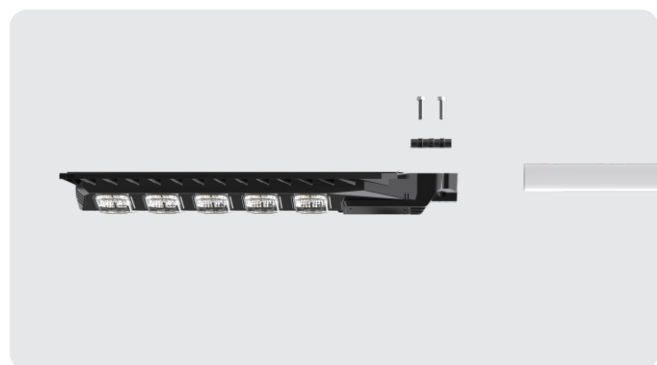


C Plane Lighting Distributions

DIAGRAMS



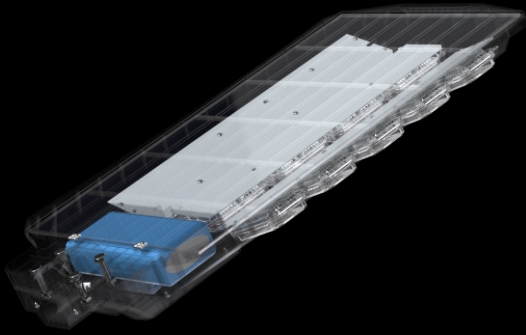
INSTALLATION STEPS



MAIN PARAMETERS



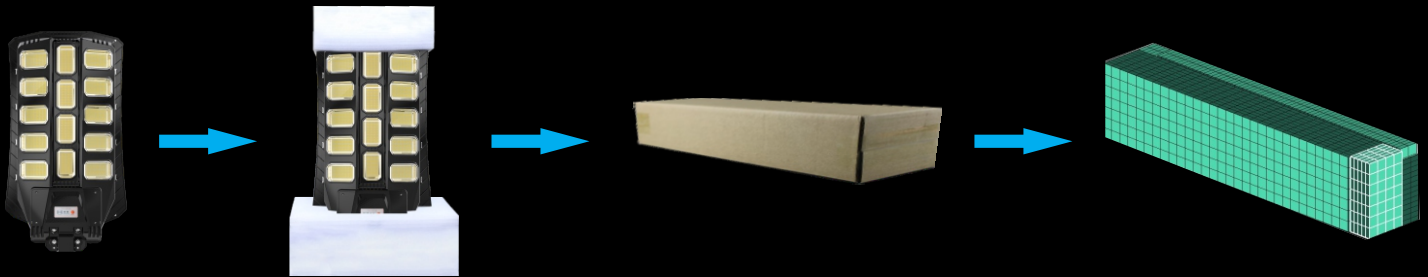
Model No.	600W	800W	1000W
Battery Capacity	3.2V 15A	3.2V 25A	3.2V 30A
Solar Panel	6V 15W	6V 25W	6V 30W
Solar Panel Size(mm)	335*390*3	335*410*3	335*510*3mm
Charging Time	6-8 Hours	6-8 Hours	6-8 Hours
Efficacy(lm/w)	100LM/W	100LM/W	100LM/W
Luminous Flux (lm)	1200	1700	2300
CCT	7000-8000K	7000-8000K	7000-8000K
CRI	70	70	70
Ambient Temperature	-10-45°C	-10-45°C	-10-45°C
LED Qty	392	539	686
LED Type	5730	5730	5730
Luminaire Size(mm)	380*530*80	390*650*80	400*730*80
Body Material	ABS	ABS	ABS
IP Grade	IP65	IP65	IP65
Warranty	2 Years	2 Years	2 Years
G.W	3.5	4	5.1
N.W	3	3.6	4.6
Package Size(mm)	535*85*385	655*85*395	735*85*410
Carton Size(cm)	54.5*45*40	66.5*45*41	74.5*45*42.5



FEATURES

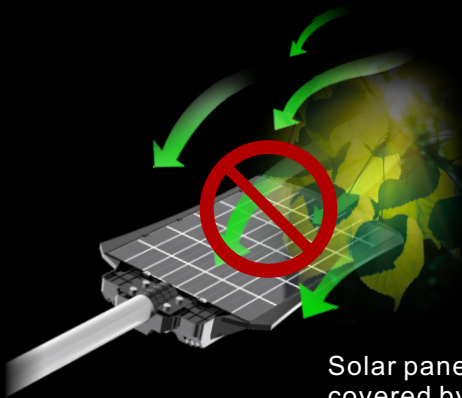
1. Streamline shape, anti-wind.
2. ABS Material body
3. Compatible with 5730 SMD light source.
4. Smart charging during the day smart lights at night.
5. IP65 Waterproof for outdoor use.
6. Precision road lighting distributions.

PACKAGING:



CAUTIONS:

1. Installation must be done by professional electricians.
2. Do NOT take apart the product. It may be dangerous.
3. Do NOT stare at the light with naked eyes. It is harmful to eyes.
4. Solar panel should be installed towards sun,
And it must NOT be sheltered by trees or any other covers.



Solar panels cannot be covered by trees or buildings.

