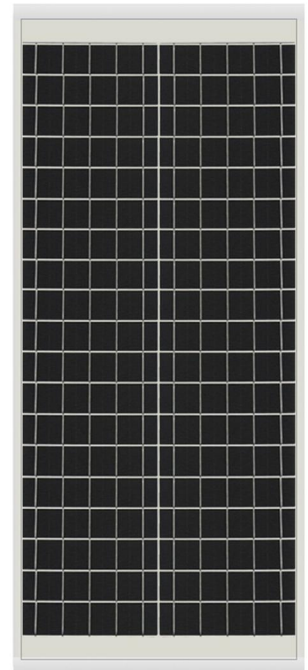


INTEGRATED SOLAR LED STREET LIGHT

LKG Series



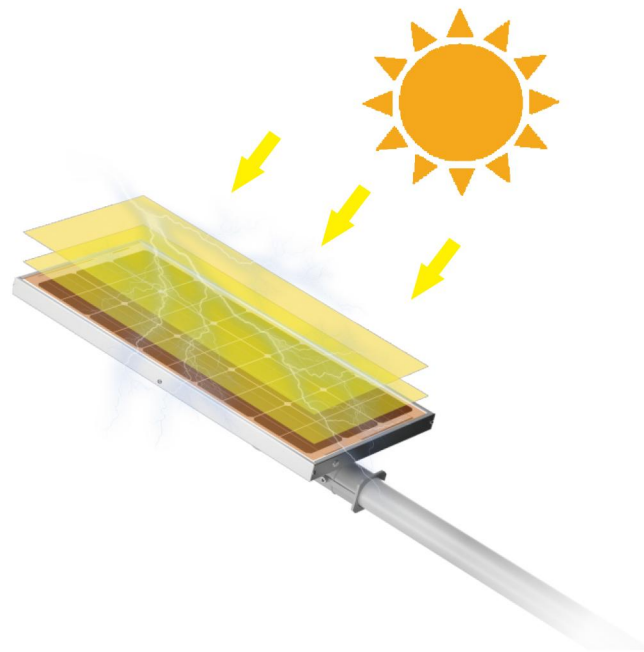
OVERVIEW



ELECTRICAL

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

A variety of adjustments, convenient and fast

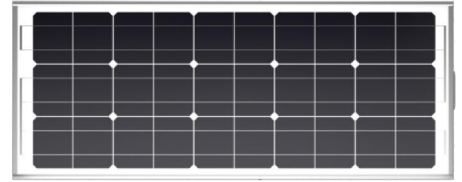


BUILT-IN BATTERY

High-capacity battery, Battery 0 cycle, Long service life

EXPLODED

High efficiency monocrystalline solar panel



MPPT

Built-in high-capacity battery

6063 aluminum

Modular design

Sensor

A variety of mounting adapters, can be pipe mounted, arm mounted, etc.

6063 Aluminum Heatsinker

High efficiency aluminum PCB

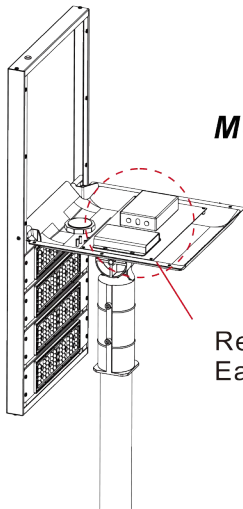
High lumen SMD 2835 LED light source

Waterproof silicon gel

UV-proof optical lens

Module design

Ultra slim design



Removable accessories
Easy maintenance



3.7cm

APPLICATIONS

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



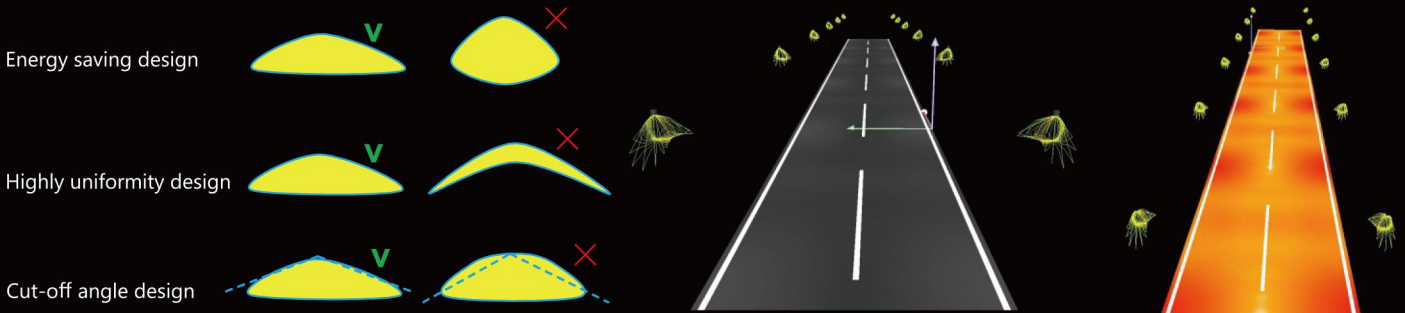
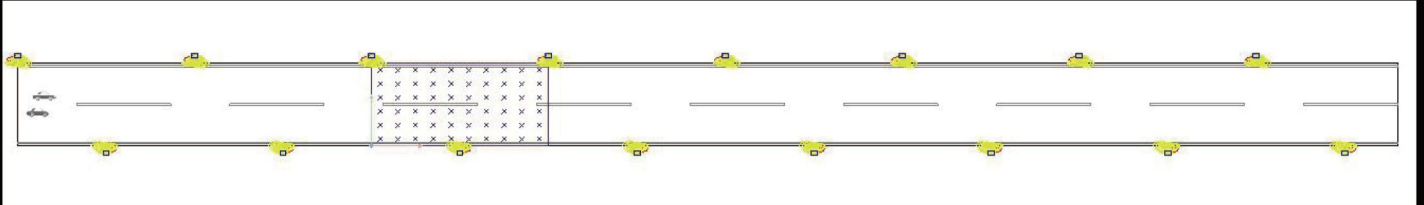
Streamline shape
wind-proof design

Adapter adjustable

OPTICS

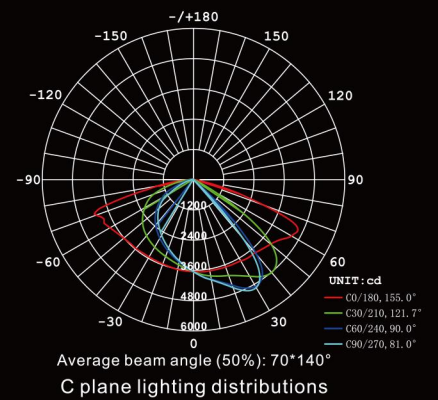
Tech. Support: Tell us the room length, width, height and the usage. We have an engineer team to respond the DIALUX simulations for lights quantity calculation and effects. .ies files are available upon request.

Example of cross installation effect on both sides of the road:



LIGHTING METHODS

- Infrared induction +
- Time control +
- Intelligent control



MAIN PARAMETERS



LKG-40W



LKG-60W



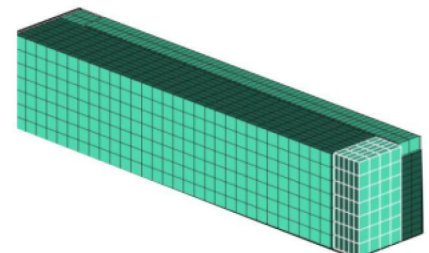
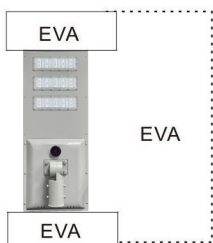
LKG-80W



LKG-120W

Model number:	LKG-40W	LKG-60W	LKG-80W	LKG-120W
Single crystal solar panels:	18V/35W	18V/50W	18V/60W	18V/80W
Solar panel size:	630*334mm	830*340mm	988*340mm	1310*340mm
battery:	Lithium iron phosphate 3.2V,36AH	Lithium iron phosphate 3.2V,76AH	Lithium iron phosphate 3.2V,100AH	Lithium iron phosphate 12.8V,36AH
LED:	Philips2835, 100PCS	Philips2835, 150PCS	Philips2835, 200PCS	Philips2835, 250PCS
Product size:	638*345*135mm	838*345*135mm	996*345*135mm	1318*345*135mm
Light efficiency:	200LM/W			
Controller:	MPPT、PWM selectable			
Lighting mode:	Infrared sensing + segmented time control + intelligent control			
Recommended installation height:	4-5 meter	5-6 meter	6-8 meter	8-10 meter

PACKING AND PACKAGING





FEATURES

1. The radiator is made of 6063 aluminum, which is treated with thick anti-corrosion spray paint.
2. There is no need for additional wiring, which saves money; multiple mounting brackets can be installed in pipes, arms, etc.
3. Direct light emitting design, high light transmittance PC lens, light transmittance above 93%.
4. Genuine imported chip lamp beads, high luminous efficiency, low light decay, high energy saving efficiency.
5. High thermal conductivity aluminum substrate and radiator, low temperature rise, good heat dissipation of the whole lamp, and more guaranteed lifespan.
6. Open the power box and accessories can be replaced at will.
7. Lightning protection: Lightning protection level 4K, higher level can be set.
8. IP65 Waterproof for outdoor use.

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.

