

Prior Features

- * 2 heads for bigger lighting area, large light area light up to 2
- * 2 CCT select-able in 1 lamp.
- * 2 digital PIR sensors, detect angle 90°+90°, wider & high sensitivity.
- * Each lamp head is 350° rotatable to achieve 360° uniform lighting.
- * High-quality mono solar panel with MPPT system, higher conversion efficiency 22.5%, 20yrs lifespan.
- * DIY work modes by remote control, light brightness & time are select-able, meet different applications demands.
- * Brand new grade-A LiFePO4 battery, over-charge & over-discharge protection, safe & durable, long lifespan 8+ years.
- * IP65 waterproof.



2 lamp heads + each lamp is 350° rotatable to set directions, super flexible for different types of applications.



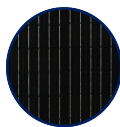
Specification



Item Number	KR-SSL-40W-Defender
Power	40W
LEDs	SMD2835* 108pcs(54pcs*2 heads)
Brightness	4800LM
Mono Solar Panel	19W, 16V
LiFePO4 Battery Pack	32700, 9.6V/ 6000mAh, 57.6Wh
CCT	3000K/4000K/6000K (Each lamp can be customized with any two CCT.)
Working Modes	Sensor Mode: 100% bright + 3% dim bright; Keep Lighting Mode: keep 60% bright for 3hrs then Sensor Mode. DIY Work Mode And Select CCT By Remote
Digital PIR Sensor	Detection angle: 90°+90°; Detection distance: 2-6 Mtrs
Beam Angle	140x70°
Housing Material	ABS+PC , anti-UV, V0 fireproof, black, safe & durable.
IP Degree	IP65
Working Temperature	-20°C~ 50°C
Product Dimension	610*201.5*128.3mm (Applicable to pole φ60MM)
Installation Height	2.5-4Mtrs
Warranty	3 years
Packing Content	1*Solar Light, 1*Remote Control, 1* User Manual

PRODUCT HIGHLIGHTS

2 heads in one lamp
2 CCT optional
2 work mode by remote
2 PIR Sensors for wider detection
350° rotatable lamp head
360° lighting area



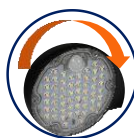
Top Solar Panel

- * Mono-crystalline silicone with tempered solar glass, strong and scratch-resistant.
- * Grade-A solar cell, high convert efficiency 22.5%.
- * 20 years lifespan.



Multi Work Modes with Smart PIR Sensors

- * Sensor Mode & Keep Lighting Mode are optional.
- * User can select brightness and lighting time by remote, easy friendly.



350° Rotatable & Scientific Light Distribution

- * Optical polarized design, big beam angle 140°*70°, wider lighting area.
- * Each lamp head is 350° rotatably, easy to set desired lighting direction.
- * LM-80 LEDs, highly bright.
- * PC optical lens, anti-glare, high transmittance.



Top Quality LiFePO4 Battery

- * Brand new grade-A battery, no second hand.
- * 2000 charge-discharge cycles, 8+ years lifespan.
- * Over-charge, over-discharge protected, safe and durable.
- * Easily replaceable with fast connector, user-friendly.
- * IEC62133, UN38.3, MSDS certified.



Strong Housing

Adopt new ABS+PC material, V0 fireproof, anti-UV, safe & durable.

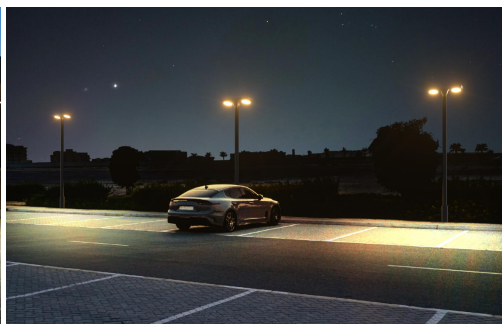


Outdoor Use

IP65 waterproof.

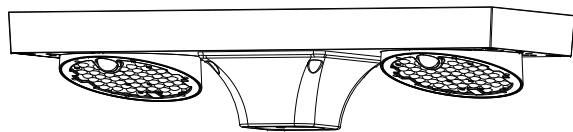
APPLICATIONS

Widely used for unilateral/bilateral road, street, parking lot, garden, gate, warehouse, farm, industrial area, park, village, garage, hospital, driveway, etc.



Solar LED Street Light

User Manual



Professional, Rotatable, Longlasting



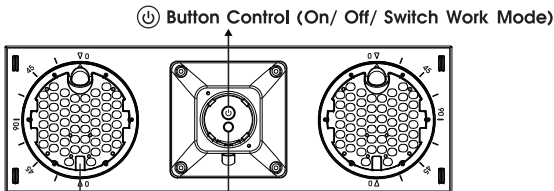
Please follow all instructions to operate.

Save this manual for future reference.

Specification

Brightness	4800LM
Output Power	40W
≈ Traditional Power	400W
LEDs	SMD2835*108pcs
Lamp Head Adjustable	Each lamp head is 350° rotatable
Battery Pack	LiFePO4, 32700, 9.6V, 6000mAh, 57.6Wh
Mono Solar Panel	19W, 16V
Beam Angle	140°*70°
Digital PIR Sensors	Detection Angle/ Distance: 90°+90°/ 2~6 Meters
Work Modes	Sensor Mode Keep Lighting Mode (DIY brightness and lighting time by remote)
Charging Time	5 hours strong sunshine to fully charge
Lighting Time	60Hrs Max.
Installation Height	2.5~4 Meters
Installation Distance	10~15 Meters
Lighting Area	230m²
Housing Material	ABS+PC, anti-UV, V0 fireproof
Lamp Size	612*201.5*128.3mm
Packing	1 lamp, 1 remote control, 1 user manual
Warranty	3 years warranty

2 Optional Work Modes



CCT Switch

Press the smaller button to switch lighting color.

Or press the  on the remote to switch it.

Remote Signal Receiver Indicator Light

* The remote control signal receiver and indicator light are only on this light board, please point the remote control at the signal receiver to set the mode.

* The remote controls the working mode of the two lamp heads synchronously.

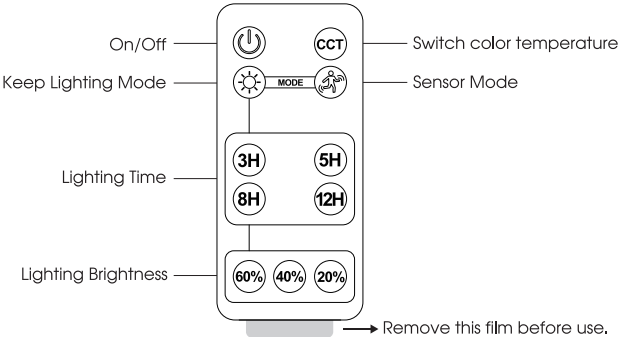
Select Work Mode & CCT by Remote

* Lighting brightness and time can only be adjusted in Keep Lighting Mode.

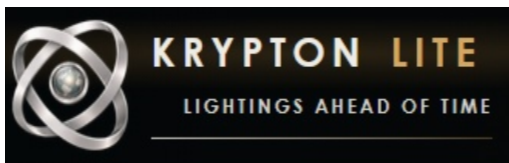
* Remote control distance: 6 meters.

* Press  on the remote, lamp flashes twice; press any other button on the remote, lamp flashes once.

* ON/OFF switch on the remote control has memory function.



→ Remove this film before use.

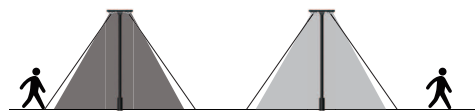


Select Work Mode & CCT by Button Control on the Lamp

Press the button 1st time, lamp flashes once, it enters Sensor Mode.
Press the button 2nd time, lamp flashes twice, it enters Keeping Lighting Mode.
Press the button 3rd time, lamp turns off.

Sensor Mode

Lamp automatically lights up at night and turns to full brightness when motion is detected in the range, then turns to 3% brightness in 20 seconds of no motion.



In the Sensor Mode, if activities are frequently detected within the sensing range, the lamp will automatically trigger the AIM intelligent sensing mode.

Keep Lighting Mode

Lamp automatically lights up at night and keeps 60% brightness for 3 hours, after which lamp turns to Sensor Mode.



In this mode, you can select the desired lighting time and brightness by the remote control.

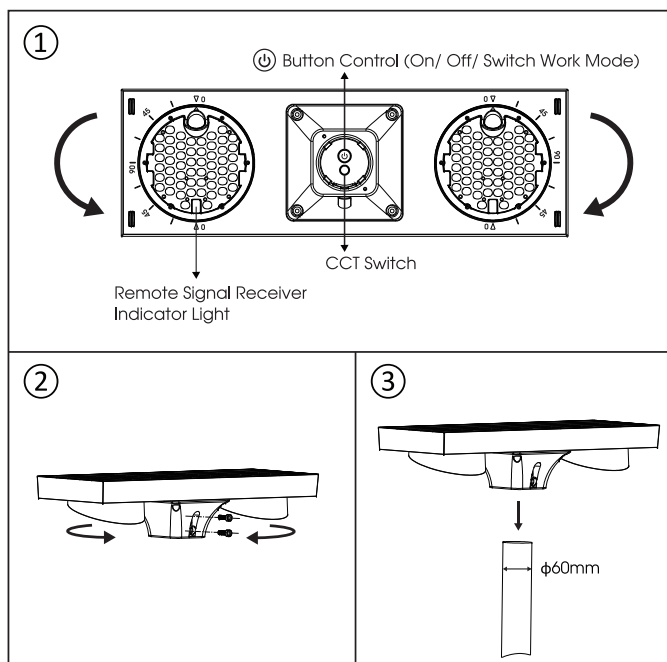
For example:

Press + + , the lamp will work as below:
Lamp automatically lights up at night and keeps 40% brightness for 5 hours, after which lamp turns to Sensor Mode.

Installation

Prepare lamp and required tool first.

- ① Press the button on the lamp to turn on lamp.
Use remote control to select demanded work mode and CCT.
Then rotate the lamp head to set desired lighting and sensing direction.
- ② Loosen the two screws on the lamp.
- ③ Insert the lamp onto the pole of $\phi 60\text{mm}$ and fix the screws well.



Operation of Indicator Light

This lamp has a RED indicator light, which shows the charging state of the lamp.

Indicator Light Status During the Day	Working Status of Solar Lamp
Always on	Lamp is fully charge.
Flashes every 3 seconds	Solar panel is charging normally.

Indicator Light Status At Night	Working Status of Solar Lamp
Off	Battery power is more than 30%.
Flashes every second	Battery power is less than 30%.

Wide Applications

Widely used for parking lot, gate, corner, garden, industrial area, park, warehouse, garage, factory, pathway, farm, countryside, etc.

Cautions

- 1, This is a solar powered lamp, please install the solar panel in a location where can get enough sunshine.
- 2, Please note the lighting time depends on sunshine duration & work mode.
- 3, The On/Off button on the lamp is power-off switch, helpful to save power consumption. Also the lamp can still get solar charge at day time when the lamp is turned off.
- 4, Built-in intelligent IC is with over-charge and over-discharge protection, safe & durable.
- 5, The lamp is equipped with an internal battery pack, which is replaceable. If any need, please contact seller for new battery pack.
- 6, Non-professionals please do not disassemble the lamp.
- 7, Please do not dispose the battery with household garbage to avoid explosion.