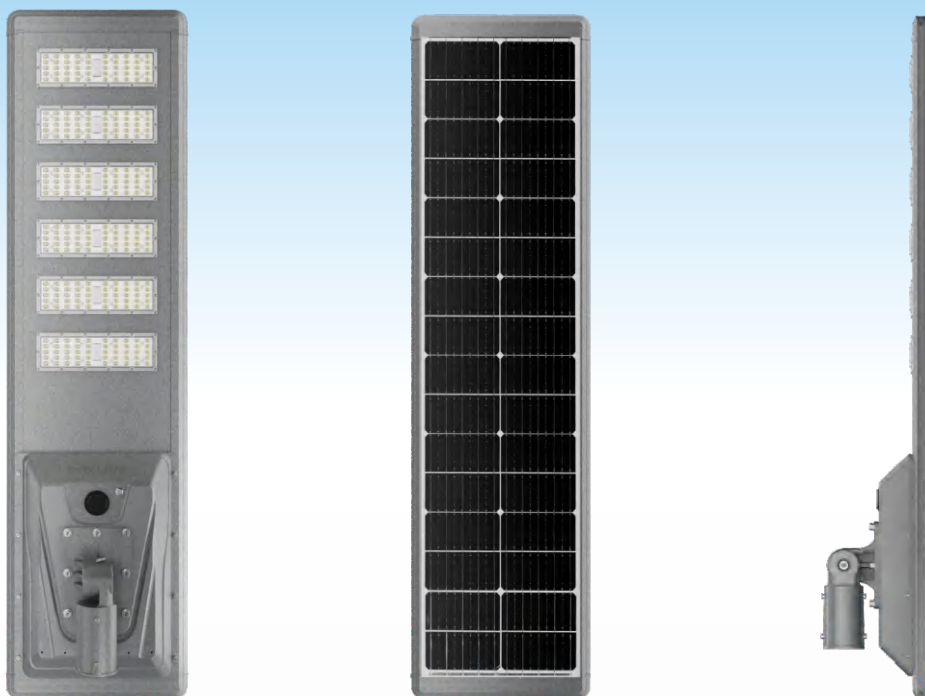


SOLAR LED STREET LIGHTS

Aircraft Carrier Series



OVERVIEW



ELECTRICAL

SOLAR PANEL CHARGING

With 23% high efficiency conversion rate,
Which can also be charged in low light environment,
Smart charging during the day smart lights at night.



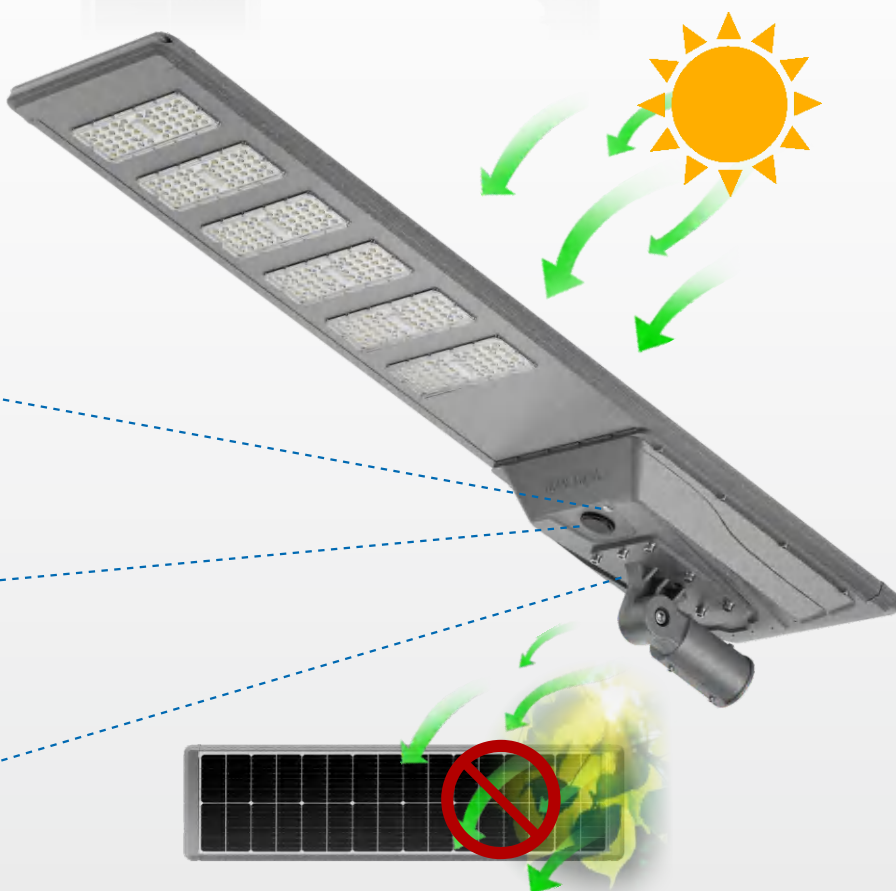
SWITCH BUTTON



OPTIONAL SENSOR

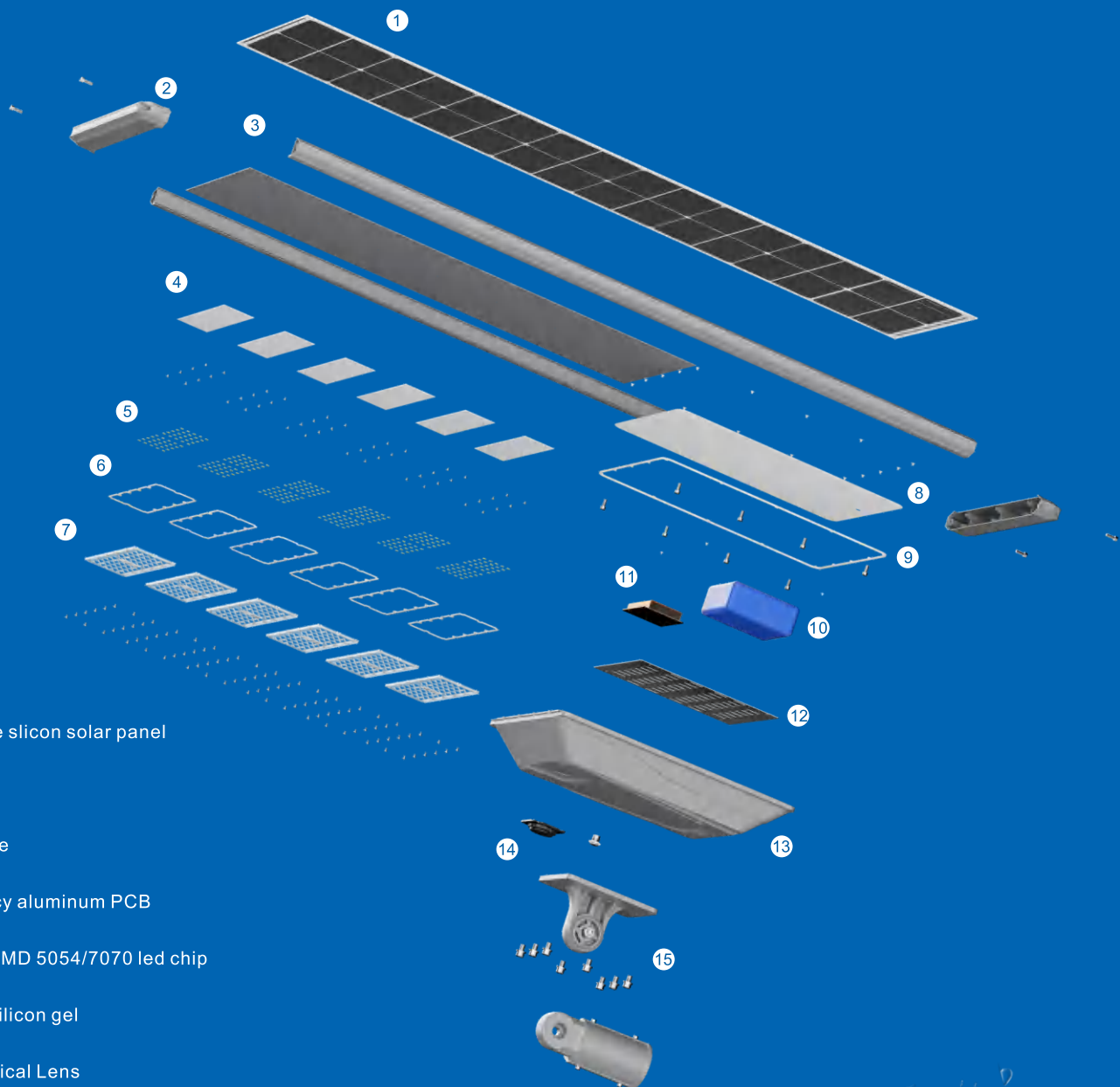


LITHIUM BATTERY

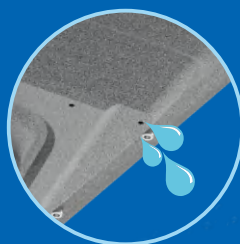


Solar panel should be installed towards sunshine.
And could NOT be covered by trees or buildings.

EXPLODED



- ❶ Monocrystalline silicon solar panel
- ❷ End Cover
- ❸ Al6063 Frame
- ❹ High efficiency aluminum PCB
- ❺ High lumen SMD 5054/7070 led chip
- ❻ Waterproof silicon gel
- ❼ UV-proof Optical Lens
- ❽ High efficiency aluminum PCB
- ❾ Waterproof silicon gel
- ❿ Solar battery
- ⓫ Intelligent controller
- ⓬ Battery base
- ⓭ Die casting aluminum battery box
- ⓮ Optional sensor
- ⓯ Adjustable die-casting aluminum adapter



Special Drainage
Hole Design



APPLICATIONS

Widely applicable roads, alleys, streets, courtyards, parks, fences, balconies new rural construction. • etc.



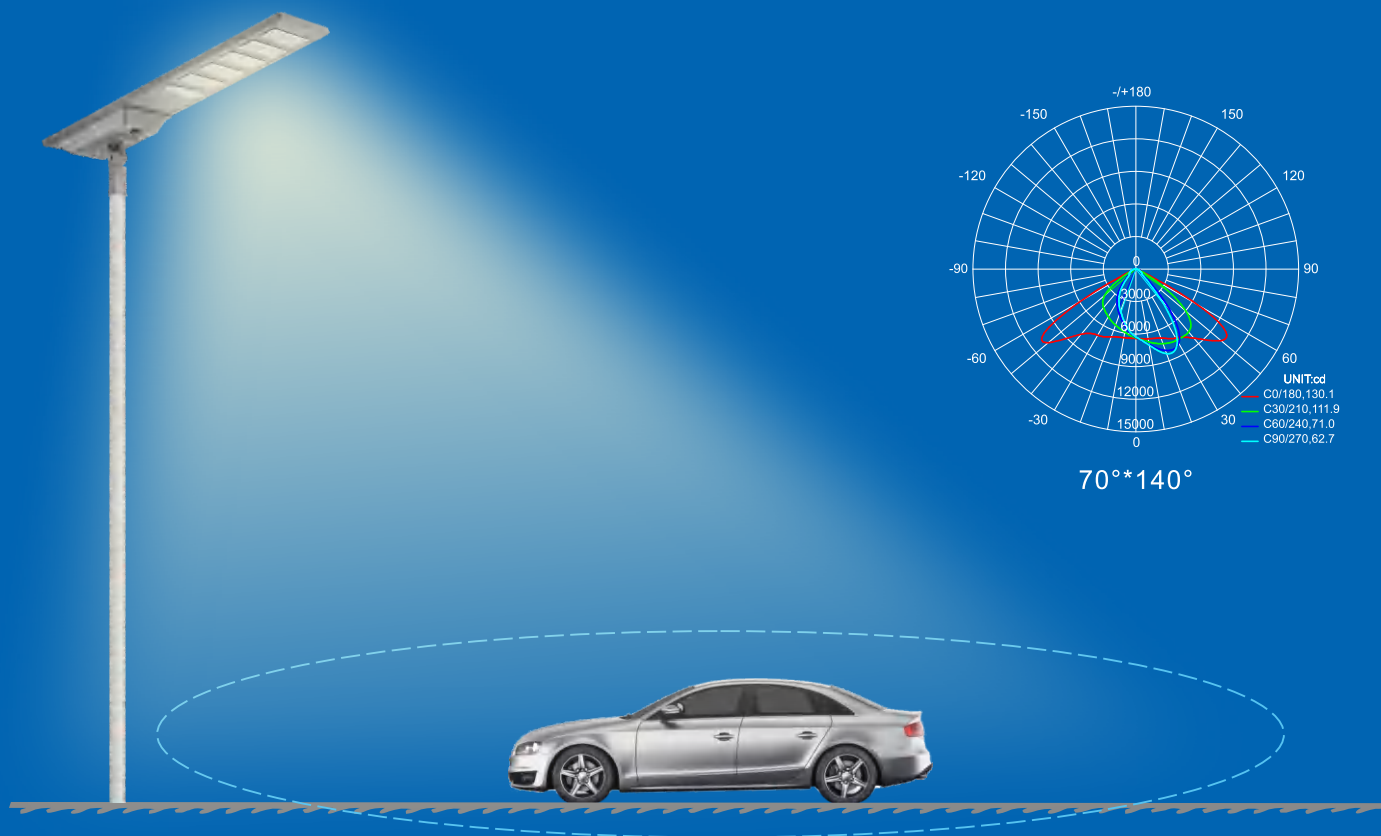
Community



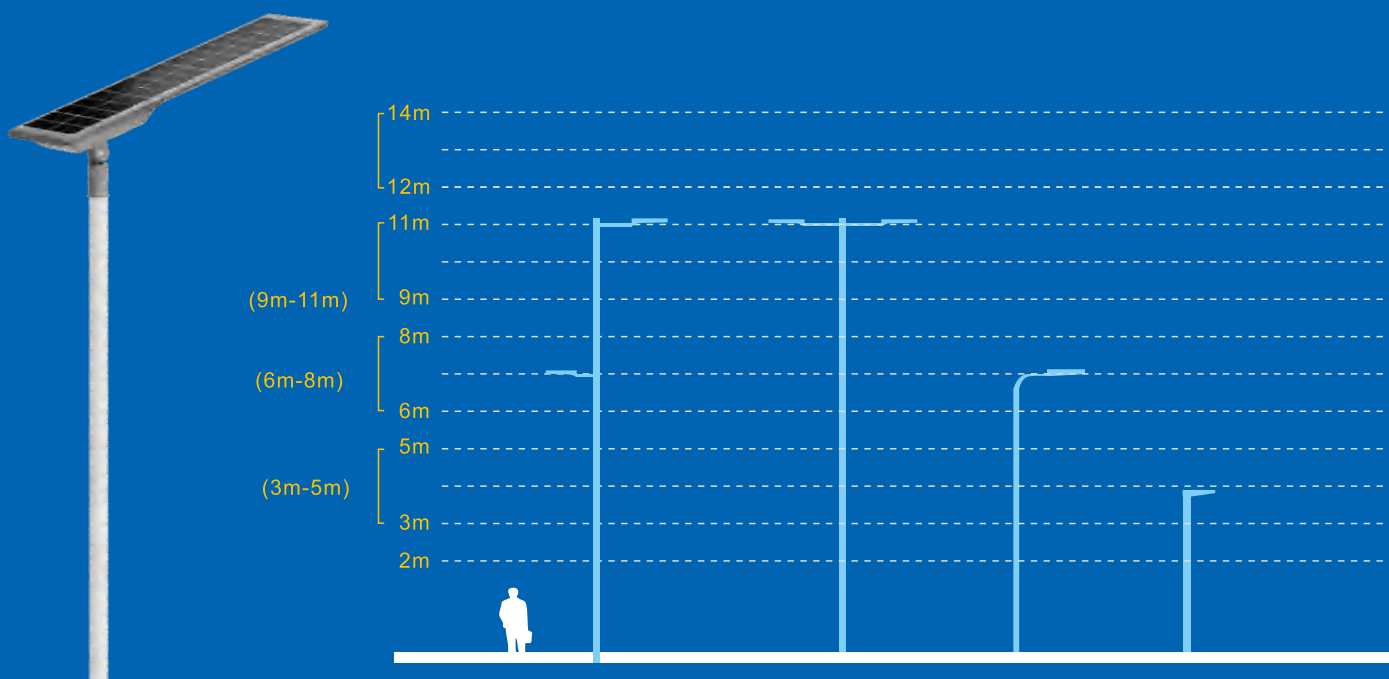
Road

OPTICS

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



SUGGESTED INSTALLATION HEIGHT



MAIN PARAMETERS



7070SMD



5054SMD



7070SMD



5054SMD



7070SMD

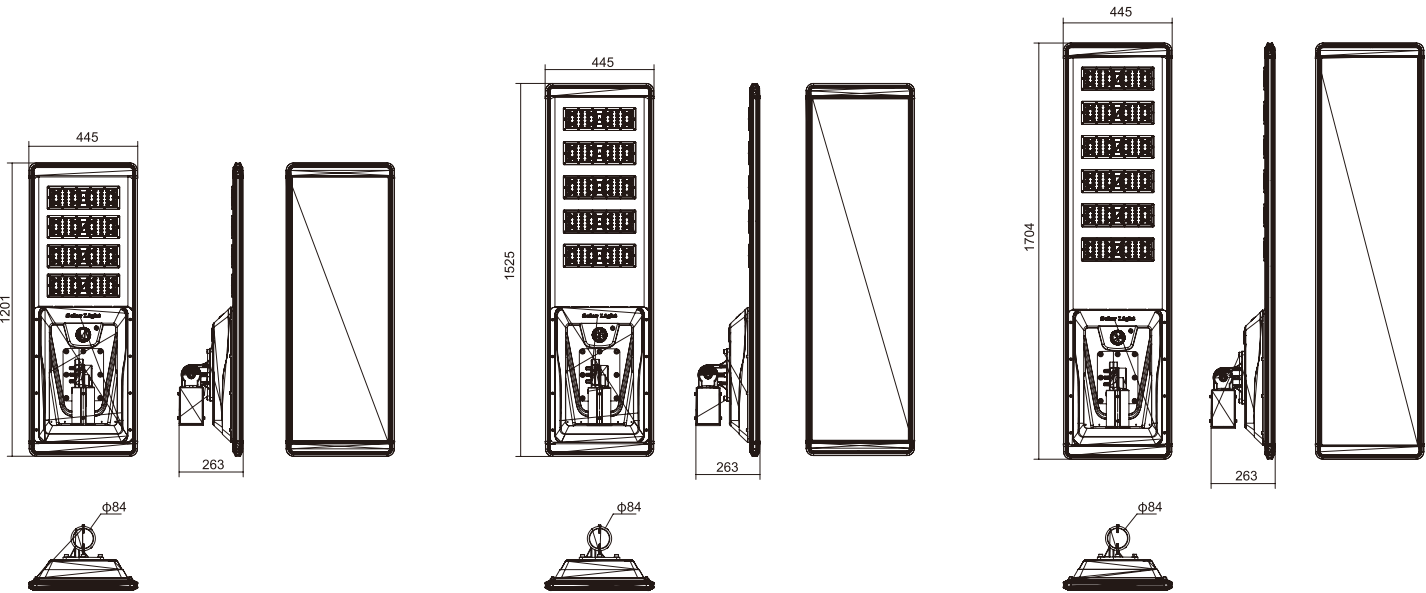


5054SMD



DIAGRAMS

Unit:mm



SPECIFICATIONS

Module/Power			
Mono Solar Panel	17V 80W	17V 100W	17V 120W
Light size	445*1201mm	445*1525mm	445*1704mm
PV panel Size	400*1130mm	400*1420mm	400*1600mm
LED Type(Qty)	5054x200pcs/7070x64pcs	5054x250pcs/7070x80pcs	5054x300pcs/7070x96pcs
Body Material	Aluminum	Aluminum	Aluminum
Package size	141*49*17cm	173*49*17cm	193*49*17cm

INSTALLATION METHODS



Horizontal Installation



Finished-Horizontal Installation



Vertical Installation



Finished-Vertical Installation

FEATURES

- 1.All in one aluminum body, Anti-oxidation.
No rust, fast heat dissipation, IP65 waterproof.
- 2.High Lumen 5054/7070 SMD led chip.
- 3.Special drainage hole design.
- 4.Optional lenses:16pcs/one module;50pcs/one module.

CAUTIONS:

1. Installation must be done by professional electricians.
2. Do NOT dismantle the product. It may be dangerous.
3. Do NOT stare at the light with naked eyes. It is harmful to eyes.

