



**ALL-IN-ONE
SOLAR LED STREET LIGHT**



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 lighting at night.



Sensor



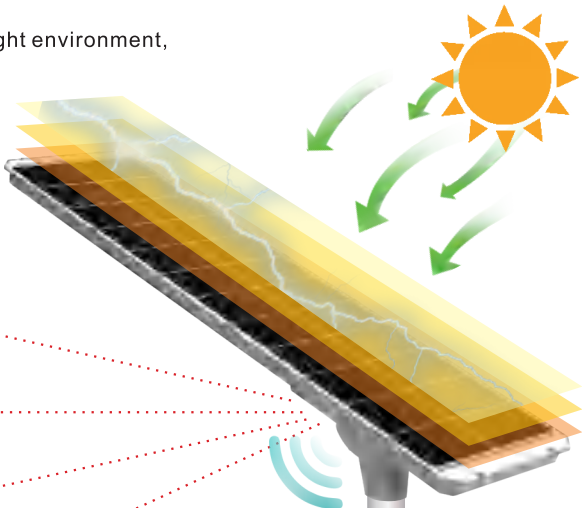
Switch button



Lithium Battery



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



Solar Energy



Long Battery Life



Intelligent control



EXPLODED

Monocryaline Slicon Solar Panel

Waterproof Silicon Rubber

Solar energy controller

Galvanized Steel Housing

Hight Efficiency Aluminum PCB

High-lumen 5054 LED beads

Waterproof Silicon Ring

UV-proof Optical PC Lens

Battery Bracket

Lithium Battery

Battery Bracket

Switch Button

Battery Compartment Bottom Cover

(optional) Fine-tuning Adapter

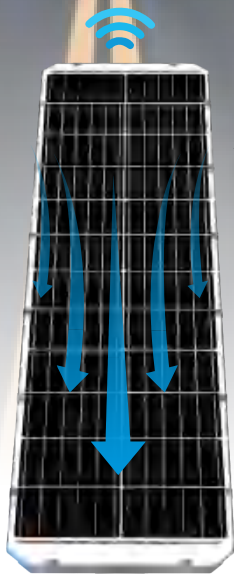
(optional) Adjustable Adapter

Fine-tunning Adapter

Adjustable Adapter

APPLICATIONS

Suitable for urban road lighting such as city streets, main traffic roads, and residential areas.



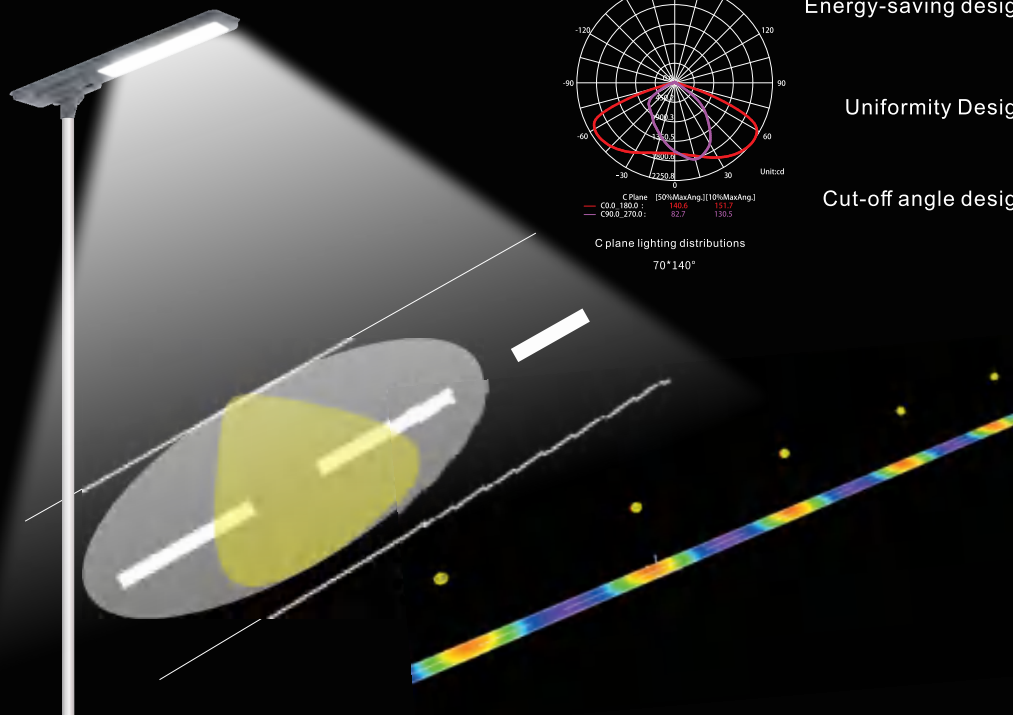
Residential area lighting

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.



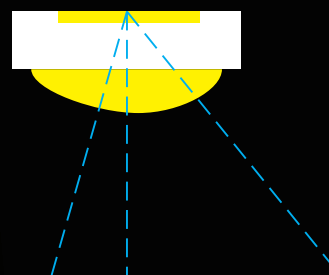
Energy-saving design



Uniformity Design



Cut-off angle design



Asymmetrical Photometric
Cutoff Angle Design

REMOTE CONTROL

The first 30 minutes discharge 100%, 1.5 hours discharge 70%, 4 hours discharge 50%,

1 hour discharge 40%, 1 hour discharge 25%, 4 hours discharge 20%, discharge has memory function after setting

No function button

Power ON

100% brightness

Brightness increase

No function button

After 3 hours, it will automa-
tically shut down

After 8 hours, it will automa-
tically shut down



Power OFF

Reduce brightness

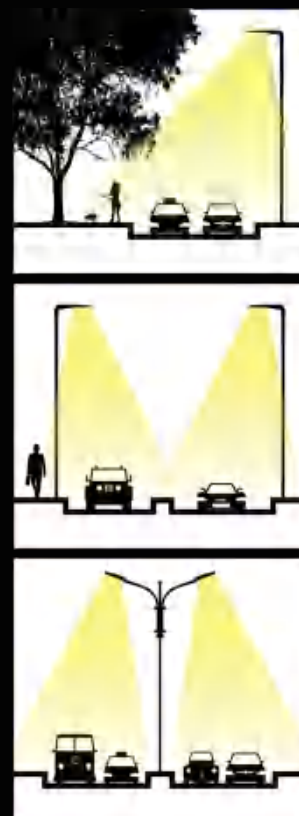
50% brightness

Automatic mode,
turn off lights at dawn

After 5 hours, it will automa-
tically shut down



Remote control distance can
reach 8-10 meters



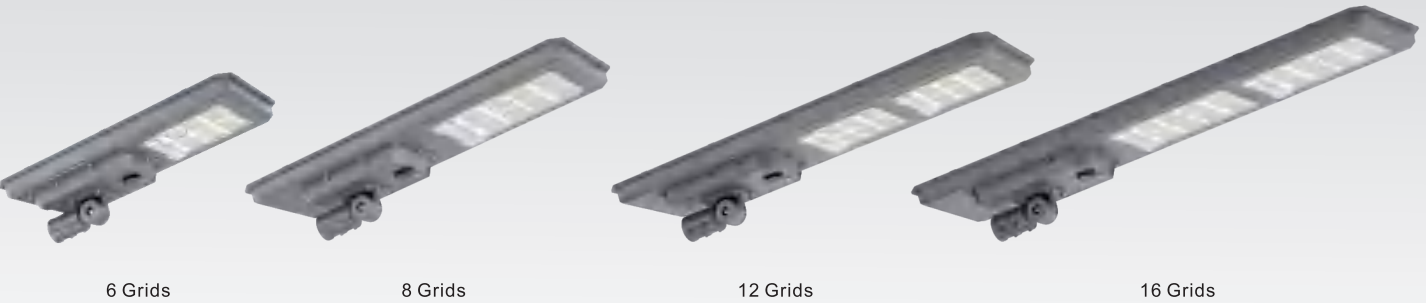
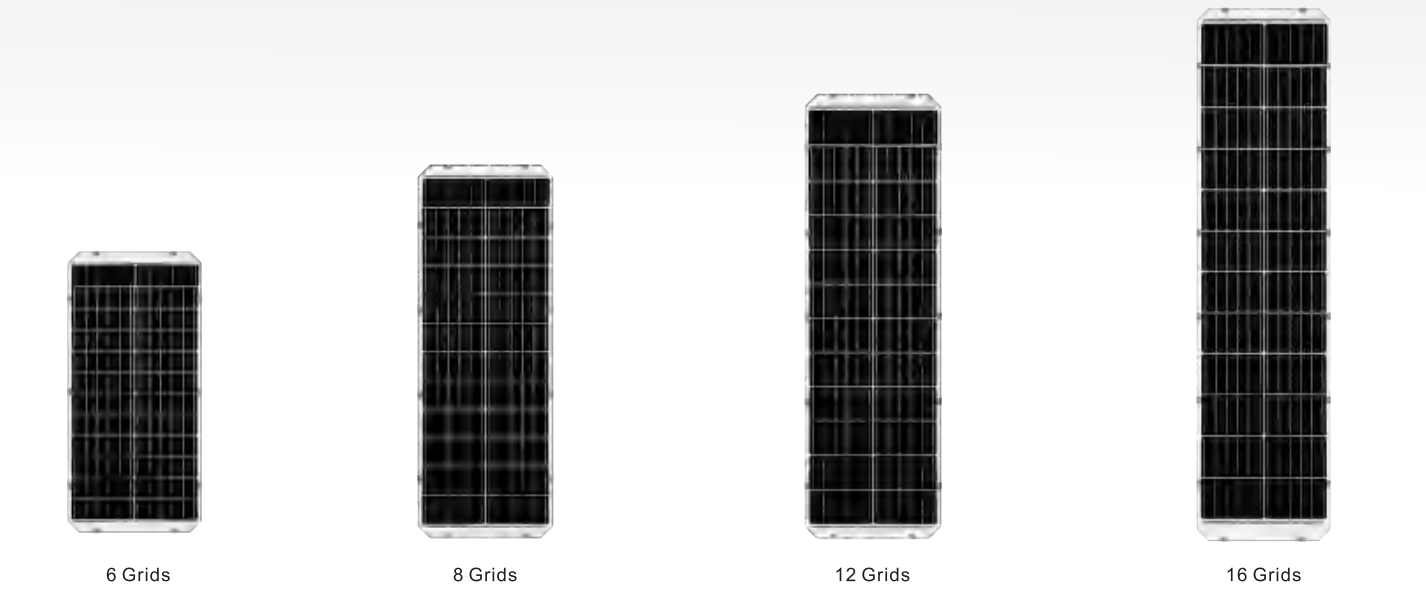
APPLICATIONS

69MM Adjustable Adapter



PRODUCTS

69MM Adjustable Adapter

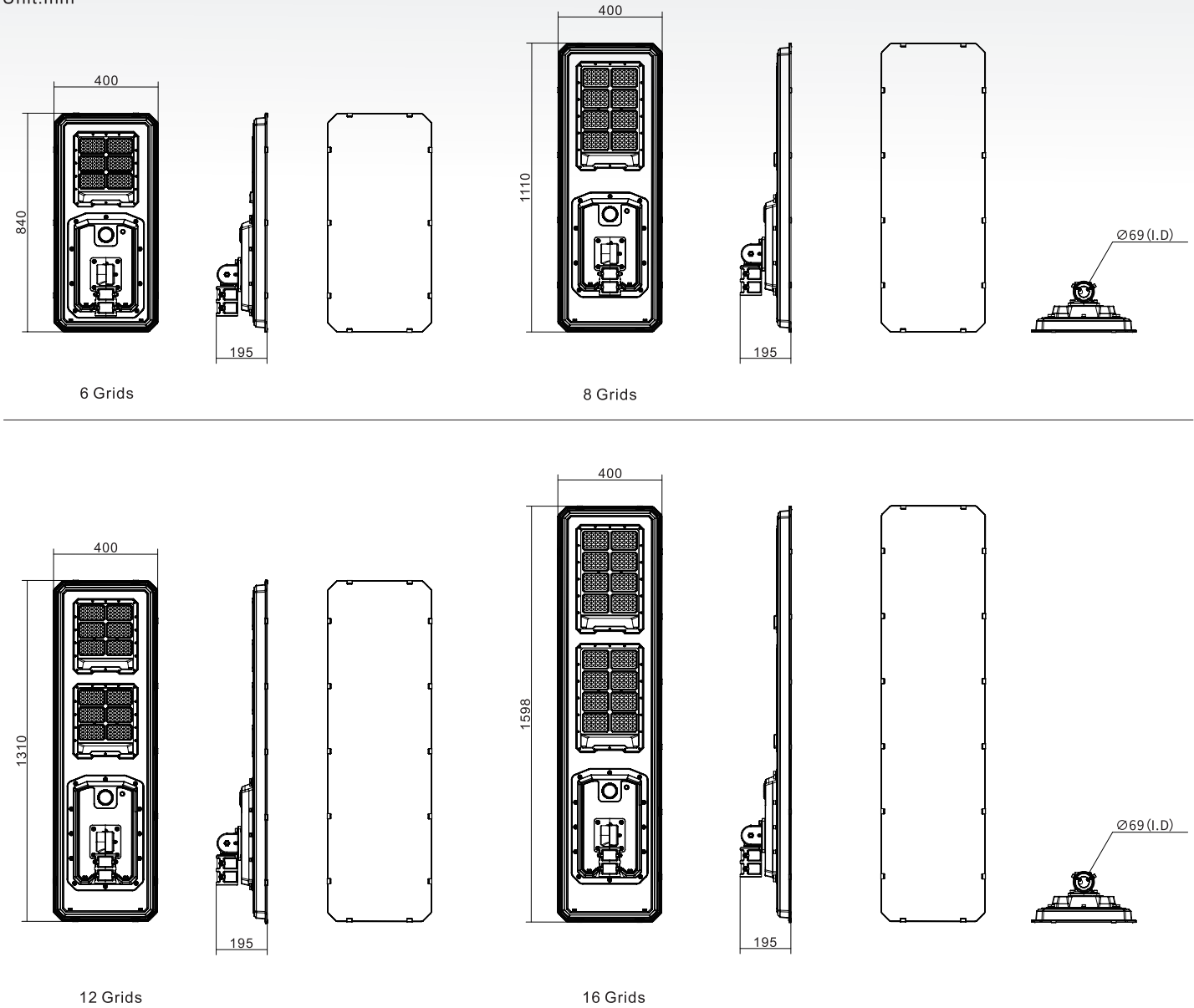


MAIN PARAMETERS-ADJUSTABLE ADAPTER

Moudulars	6 Grids	8 Grids	12 Grids	16 Grids
Luminaire Size	840*400*195mm	1110*400*195mm	1310*400*195mm	1598*400*195mm
Solar Panel Specifications	6V/60W	6V/80W	6V/100W	6V/120W
Solar Panel Size	836*396mm	1106*396mm	1306*396mm	1594*396mm
Battery Compartment Size	165*240*86mm	165*240*86mm	165*280*86mm	165*280*86mm
LED QTY	5054/120PCS	5054/160PCS	5054/240PCS	5054/320PCS
Beam Angle	70°140°	70°140°	70°140°	70°140°
Efficacy	220LM/W	220LM/W	220LM/W	220LM/W
Ambient Temperature	-10 °C~ +45°C	-10 °C~ +45°C	-10 °C~ +45°C	-10 °C~ +45°C
CCT	6500-7000K	6500-7000K	6500-7000K	6500-7000K
PCB Layout	Full Parallel/5C24B	Full Parallel/5C32B	Full Parallel/5C24B*2	Full Parallel/5C32B*2
Aluminum PCB	214*254*1mm	224*384*1mm	214*254*1mm*2	224*384*1mm*2
Body Material	Galvanized Steel	Galvanized Steel	Galvanized Steel	Galvanized Steel
IP Grade	IP66	IP66	IP66	IP66
Warranty	Five Years	Five Years	Five Years	Five Years

DIAGRAMS

Unit:mm



APPLICATIONS

80.5MM Fine-tuning adapter



PRODUCTS

80. 5MM Fine-tuning adapter

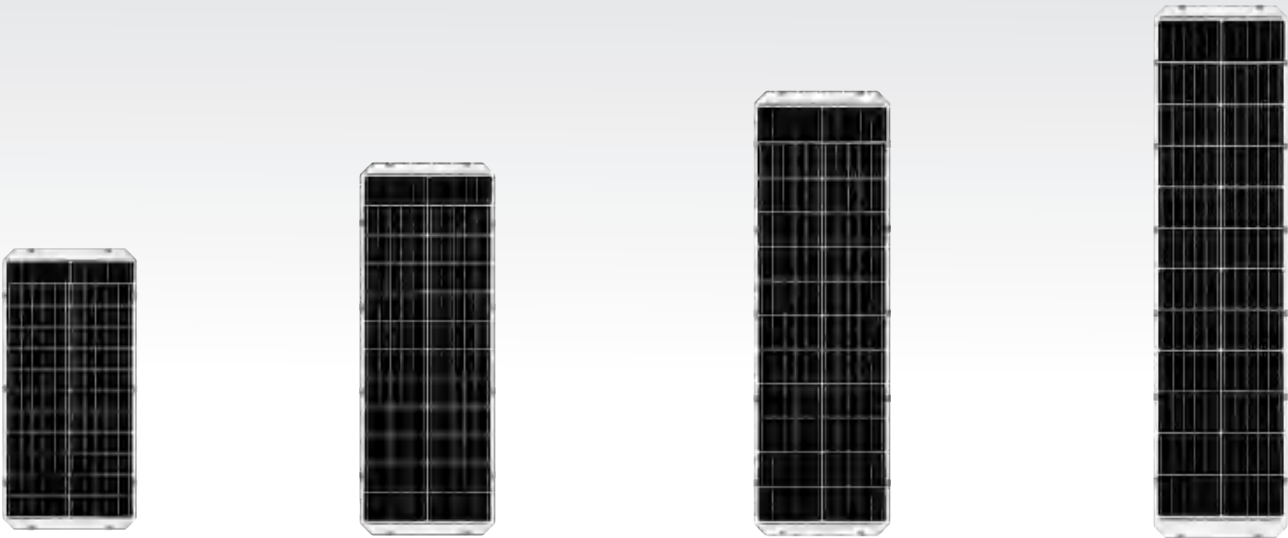


6 Grids

8 Grids

12 Grids

16 Grids



6 Grids

8 Grids

12 Grids

16 Grids



6 Grids

8 Grids

12 Grids

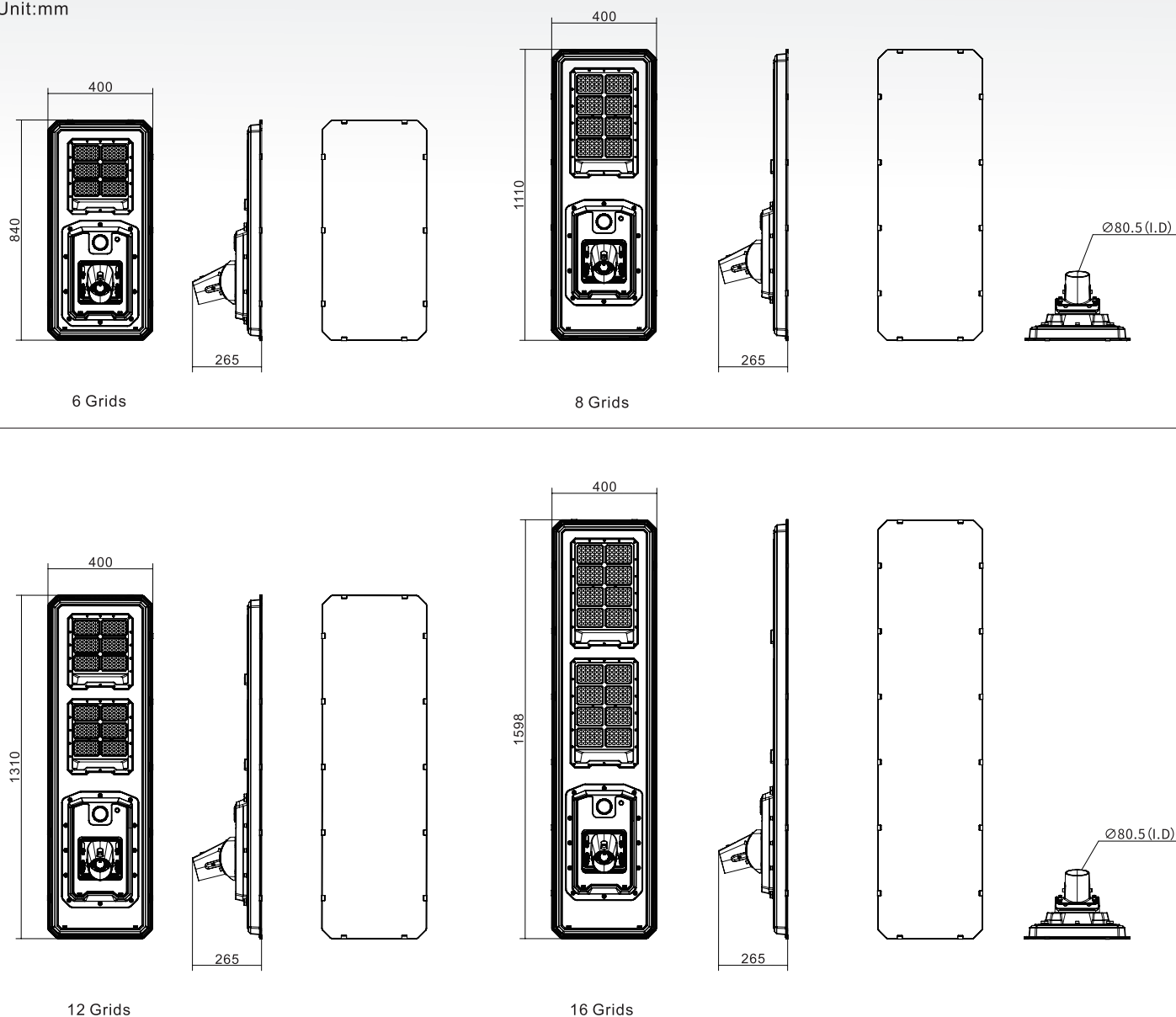
16 Grids

MAIN PARAMETERS-FINE-TUNING ADAPTER

Moudulars	6 Grids	8 Grids	12 Grids	16 Grids
Luminaire Size	840*400*265mm	1110*400*265mm	1310*400*265mm	1598*400*265mm
Solar Panel Specifications	6V/60W	6V/80W	6V/100W	6V/120W
Solar Panel Size	836*396mm	1106*396mm	1306*396mm	1594*396mm
Battery Compartment Size	165*240*86mm	165*240*86mm	165*280*86mm	165*280*86mm
LED QTY	5054/120PCS	5054/160PCS	5054/240PCS	5054/320PCS
Beam Angle	70°*140°	70°*140°	70°*140°	70°*140°
Efficacy	220LM/W	220LM/W	220LM/W	220LM/W
Ambient Temperature	-10 °C~ +45°C	-10 °C~ +45°C	-10 °C~ +45°C	-10 °C~ +45°C
CCT	6500-7000K	6500-7000K	6500-7000K	6500-7000K
PCB Layout	Full Parallel/5C24B	Full Parallel/5C32B	Full Parallel/5C24B*2	Full Parallel/5C32B*2
Aluminum PCB	214*254*1mm	224*384*1mm	214*254*1mm*2	224*384*1mm*2
Body Material	Galvanized Steel	Galvanized Steel	Galvanized Steel	Galvanized Steel
IP Grade	IP66	IP66	IP66	IP66
Warranty	Five Years	Five Years	Five Years	Five Years

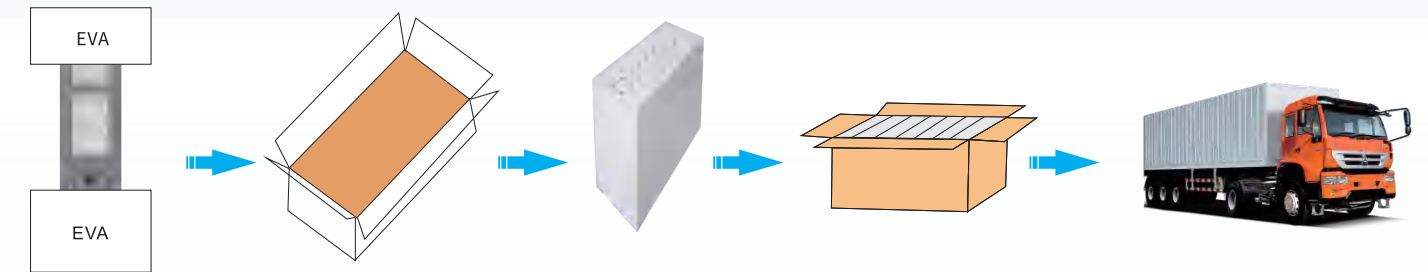
DIAGRAMS

Unit:mm

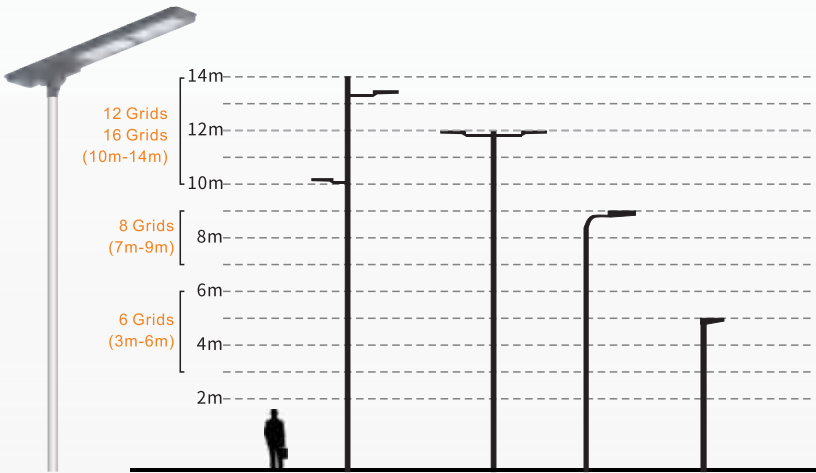


PACKING DETAILS

MODEL/Power	CTN Size	Qty/CTN	20` GP	40` GP	40HQ
6 Grids	/	/	/	/	/
8 Grids	/	/	/	/	/
12 Grids	/	/	/	/	/
16 Grids	/	/	/	/	/



INSTALLATION HEIGHT



Drainage Hole Design
No water accumulation inside

Structural perspective view



FEATURES

- 1. Two styles to choose from.
- 2. High lumen 5054 LED light source.
- 3. IP66 waterproof.
- 4. Super large monocrystalline silicon solar panel, more efficient conversion of electricity, more power saving, more energy saving, brighter.

CAUTIONS

- 1. The installation must be completed by a professional electrician.
- 2. Do NOT dismantle the product. It may be dangerous
- 3. Do not look directly at the light source with the naked eye to avoid danger.
- 4. Solar panel should be installed towards sun. And it must NOT be sheltered by trees or any other covers.