

Product Name	All-in-one Solar Street Light
Product No	AN-SLA
Manual No	02
Date	2023.03

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2020
New Solar Light

Anern[®]



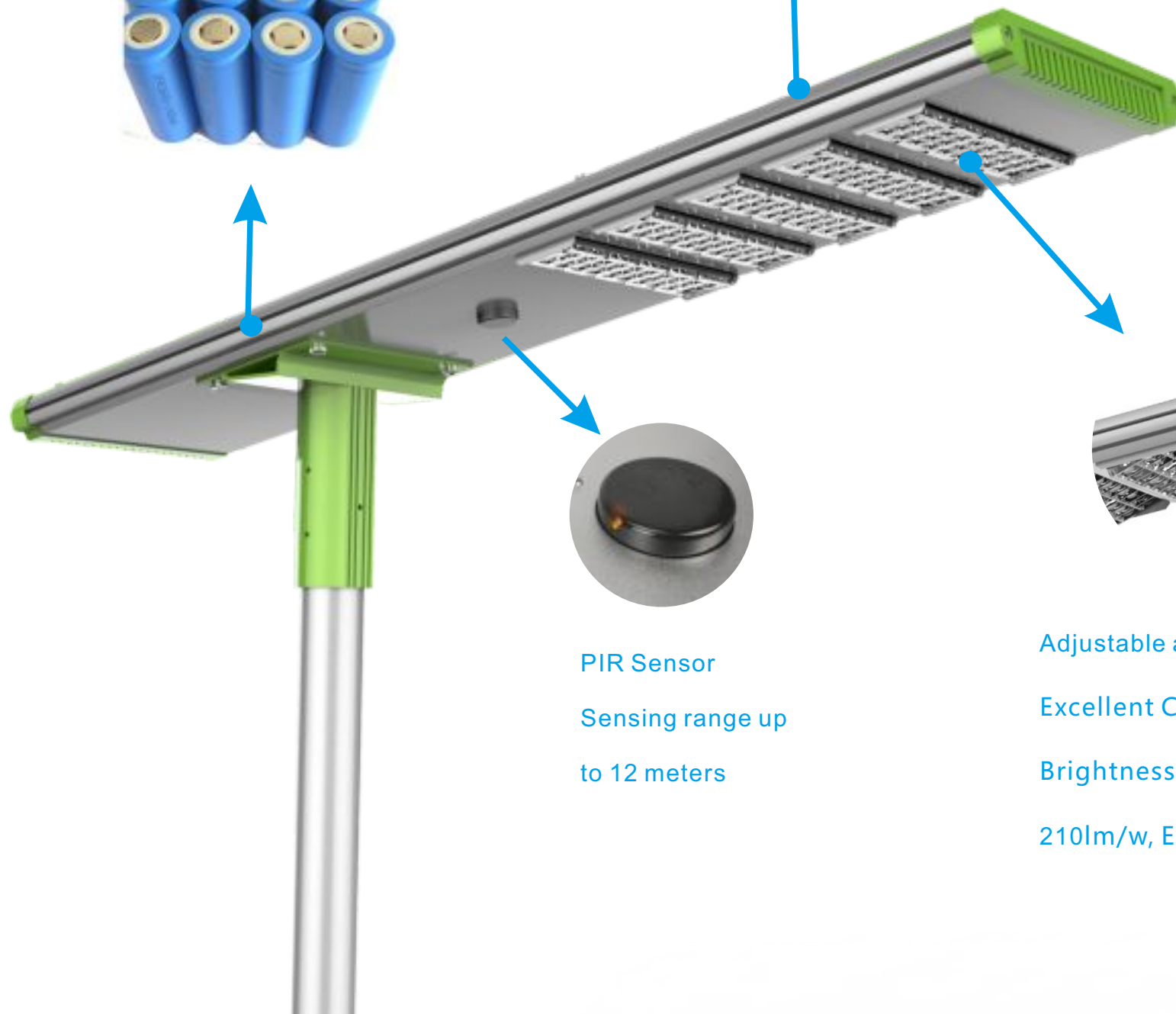
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Component Details

LiFePo4 battery, 8 years service life
No memory effect, highly efficient charge anytime
Good performance at high temperature resistance
Low self-discharge rate < 3% monthly



21% photoelectric conversion efficiency
Snow/Wind load
PID resistant
25-year progressive warranty



PIR Sensor
Sensing range up
to 12 meters



Adjustable angle module design
Excellent Color Consistency
Brightness Decay can be as low as 3%
210lm/w, Energy Saving over 50%



Our Advantage



Main features:

1. 2019 Anern patented product, beautiful appearance and adjustable molded design.
2. Using high brightness Bridgelux / Osram / Philips led chip up to 210lm/w.
3. Big capacity and deep cycle LiFePO4 lithium battery, 8 years service life.
4. Top quality solar cells, smaller size but higher efficiency.
5. Night sensor + PIR motion sensor, support 4-5 nights after full charging.

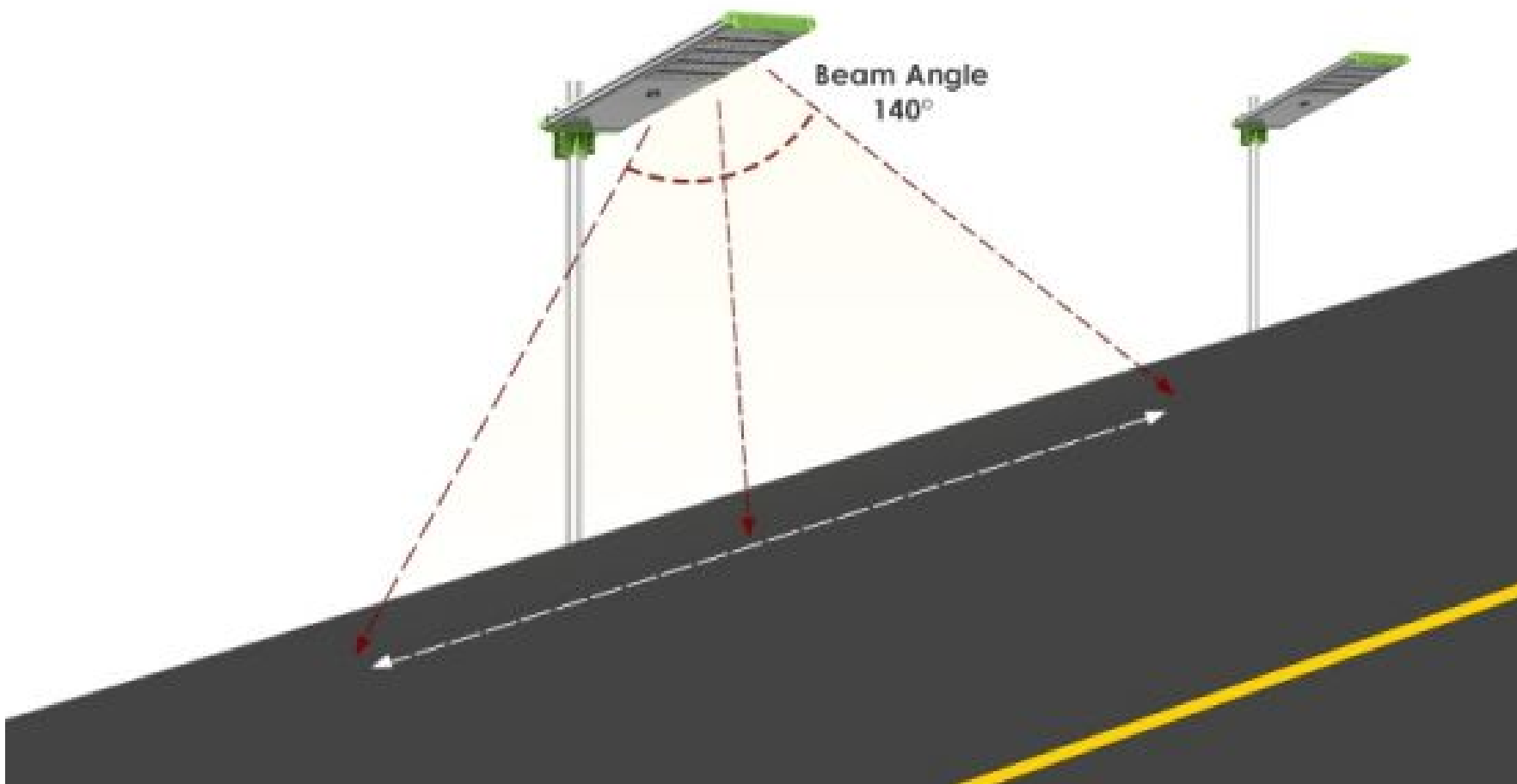


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Feature

Professional lighting design

140 degree beam angle, can provide much wider effective lighting area
Anti-glare design, more uniform lighting



Remote Control Model (30-120W)

DEMO: No matter day or night, light "on" for 1 minute.
Only for test use.

OFF: No matter day or night, light "OFF" .

L: At night, 12hr full power.

T: At night, 4hrs Full Power+8hrs 25%.

M: At night, 12hrs Motion Sensor Control.

U: At night, 4hrs Full Power+8hrs Motion Sensor Control.



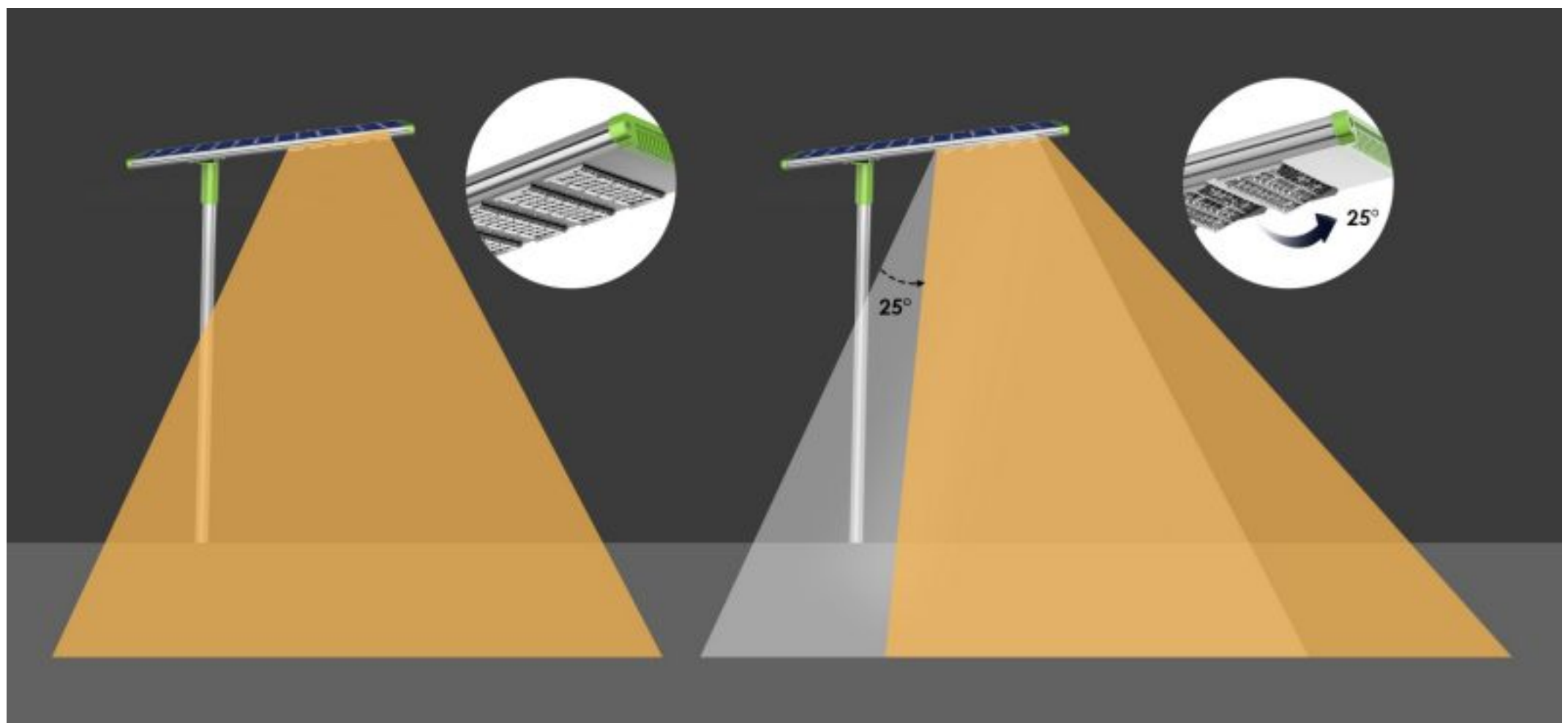


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Feature

Adjustable Angle LED Module

25 degree adjustable angle module design, can be adjusted according to road conditions.

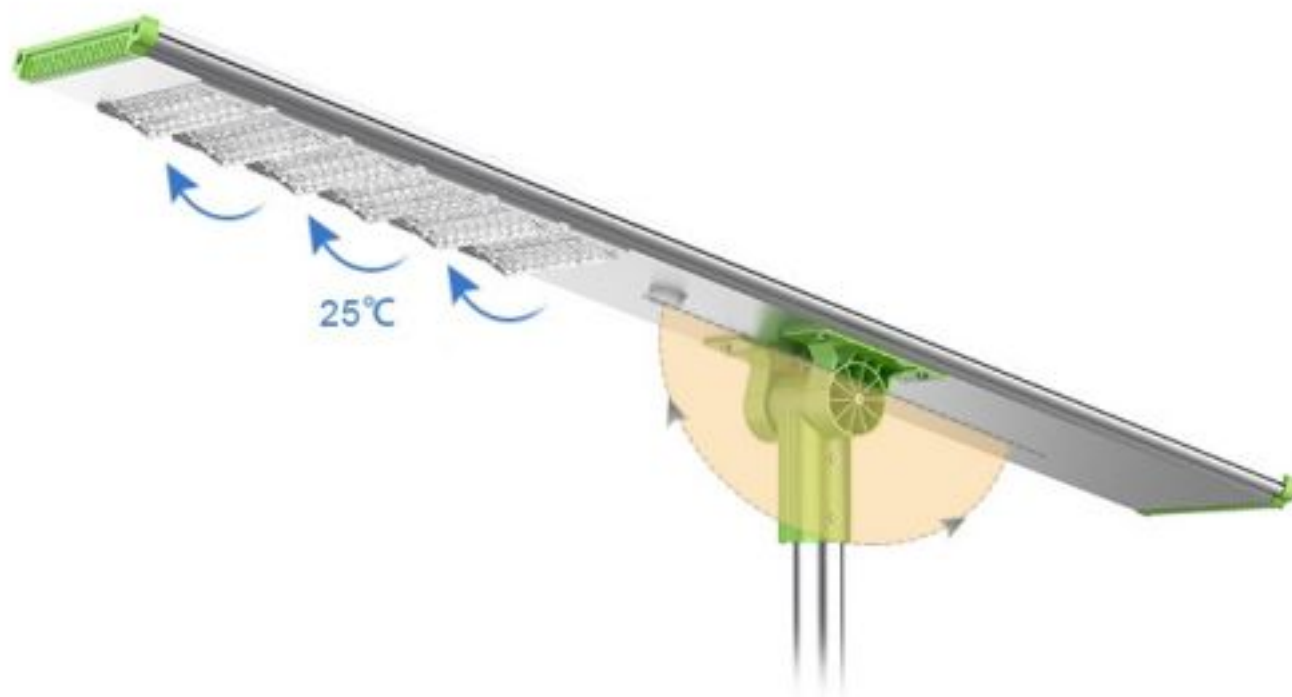




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Feature

180°Adjustable Bracket



Various LED Modules are available





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HD Wifi Camera(optional)



WIFI Features

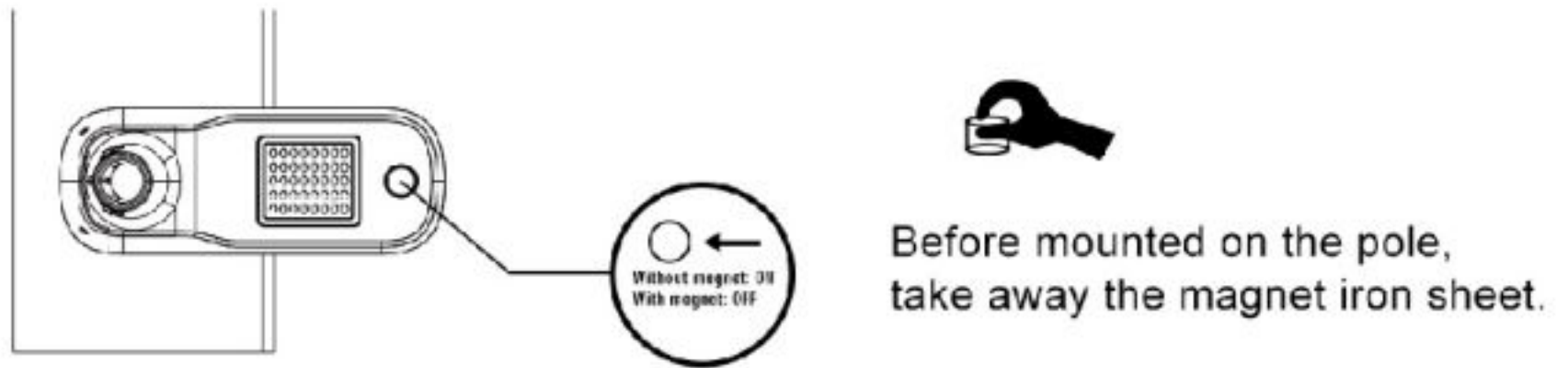
High resolution with 90 degree view angle ; solar lamps and camera are integrated, no additional installation;
Easy operation with WIFI connection



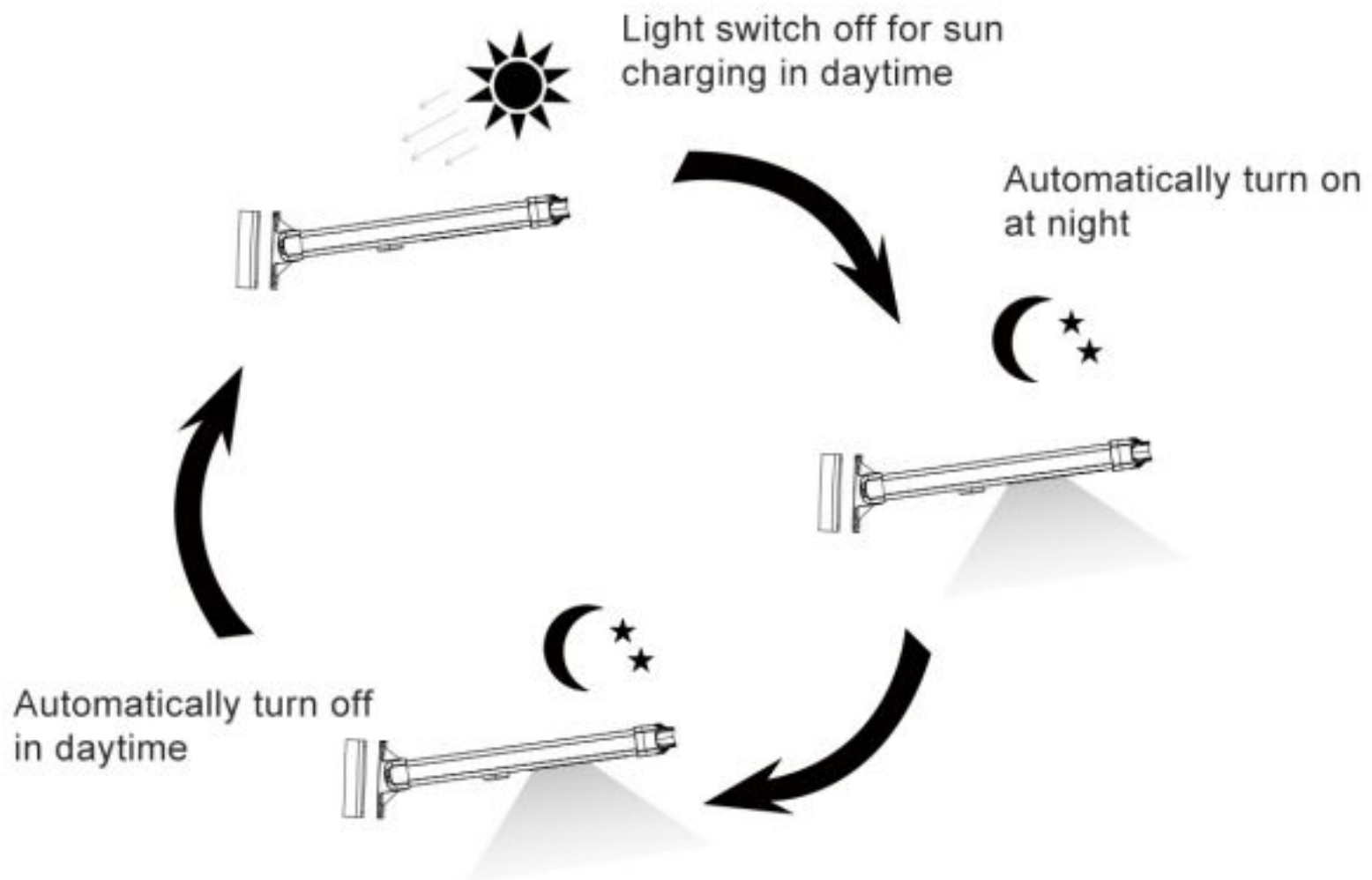


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Operation Instructions



The internal battery is locked from factory for safety shipment, so users have to take away the magnet iron sheet to unlock the battery and lighting system.





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Basic Parameters: AN-SLA-30W

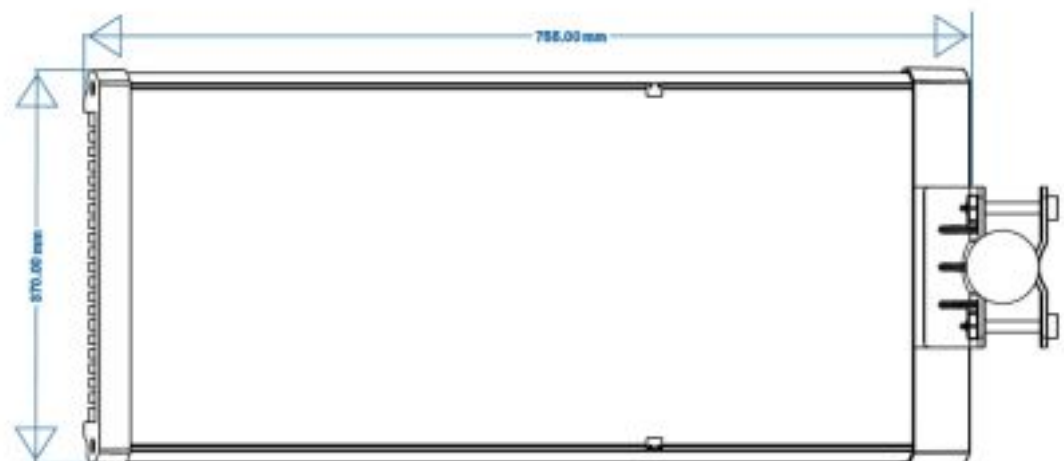
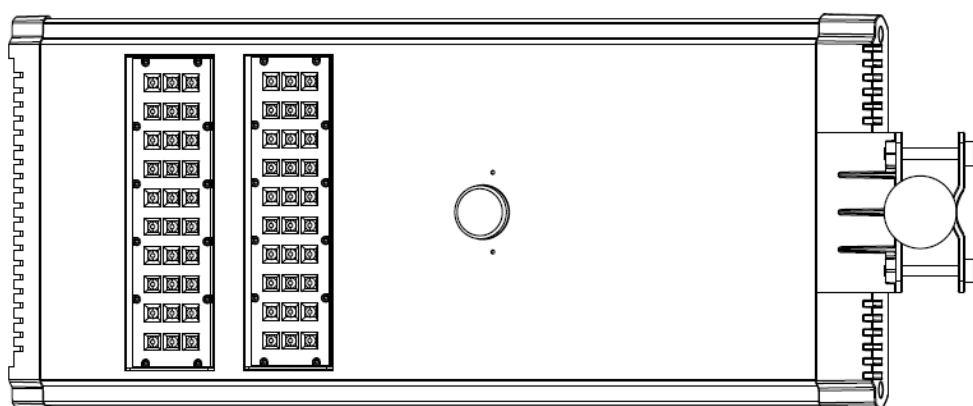
Electrical Characteristic	
Rated Power	30W
Solar Panel(Mono)	18V50W
LifePO4 Battery	12.8V 18AH
Charging Time	6-8H
Lighting Time	4-5 nights
Working Temperature	-25°C~+65°C
Sensing Distance	≤12M



LED Parameters	
LED	60pcs 3030
Luminous FLux	210lm/w
Light Distribution	Batwing Type
Color Temperature	2800-6500K



Mechanical Specification	
Light Body Size	755*370*175mm
Mounting caliber	60-70mm
Retail Packaging	82.5*20.5*44cm
Gross Weight	12.5kg





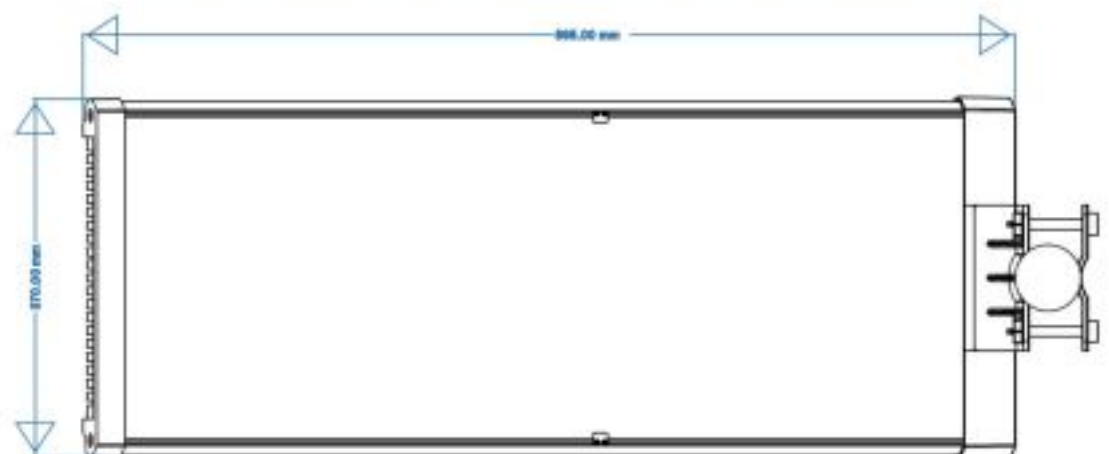
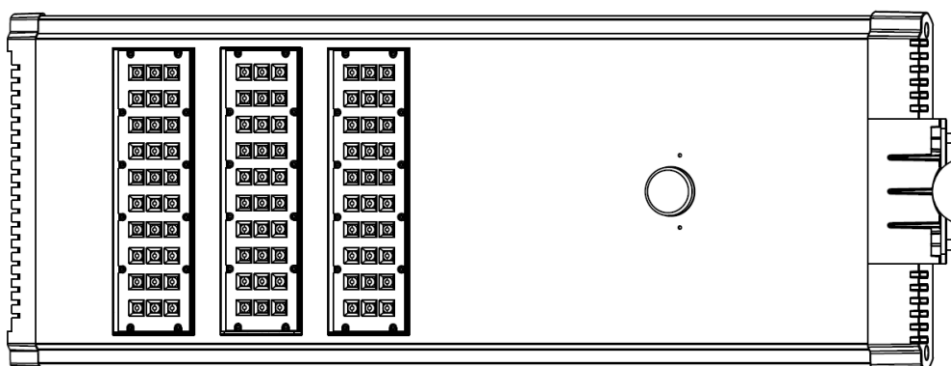
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Basic Parameters: AN-SLA-40W

Electrical Characteristic	
Rated Power	40W
Solar Panel(Mono)	18V65W
LifePO4 Battery	12.8V 24AH
Charging Time	6-8H
Lighting Time	4-5 nights
Working Temperature	-25°C~+65°C
Sensing Distance	≤12M

LED Parameters	
LED	90pcs 3030
Luminous FLux	210lm/w
Light Distribution	Batwing Type
Color Temperature	2800-6500K

Mechanical Specification	
Light Body Size	895*370*175mm
Mounting caliber	60-70mm
Retail Packaging	96.5*20.5*44cm
Gross Weight	13.6kg





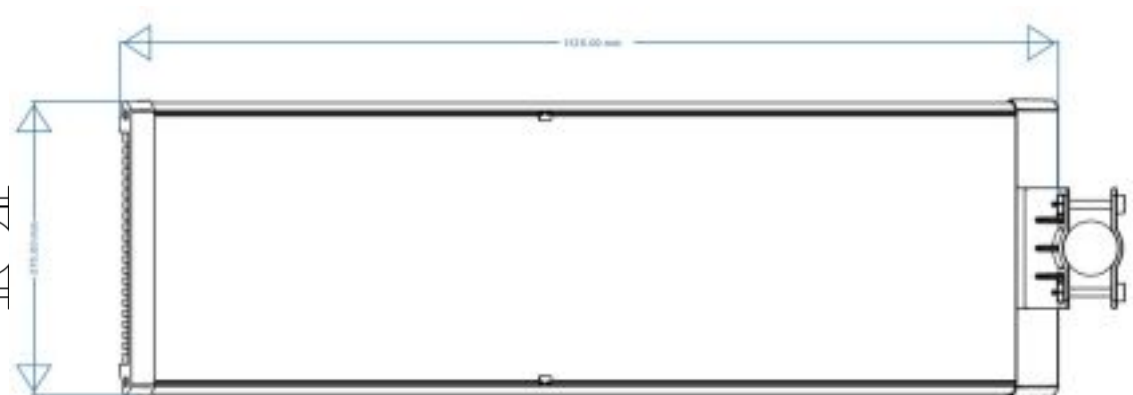
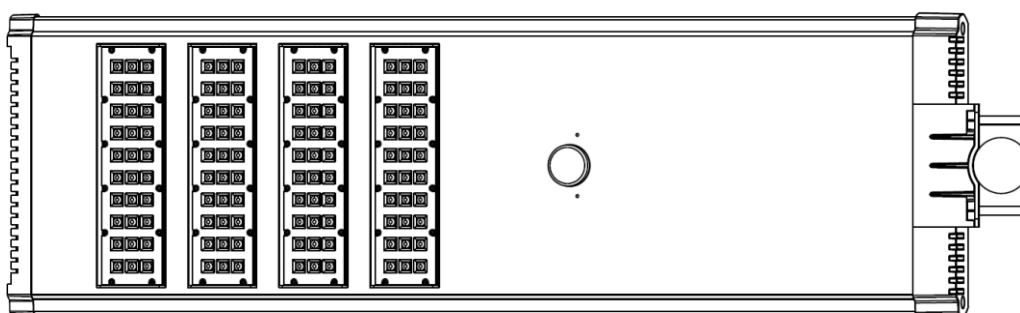
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Basic Parameters: AN-SLA-50W

Electrical Characteristic	
Rated Power	50W
Solar Panel(Mono)	18V70W
LifePO4 Battery	12.8V 36AH
Charging Time	6-8H
Lighting Time	4-5 nights
Working Temperature	-25°C~+65°C
Sensing Distance	≤12M

LED Parameters	
LED	120pcs 3030
Luminous FLux	210lm/w
Light Distribution	Batwing Type
Color Temperature	2800-6500K

Mechanical Specification	
Light Body Size	1125*370*175mm
Mounting caliber	60-70mm
Retail Packaging	119.5*20.5*44cm
Gross Weight	16.7kg





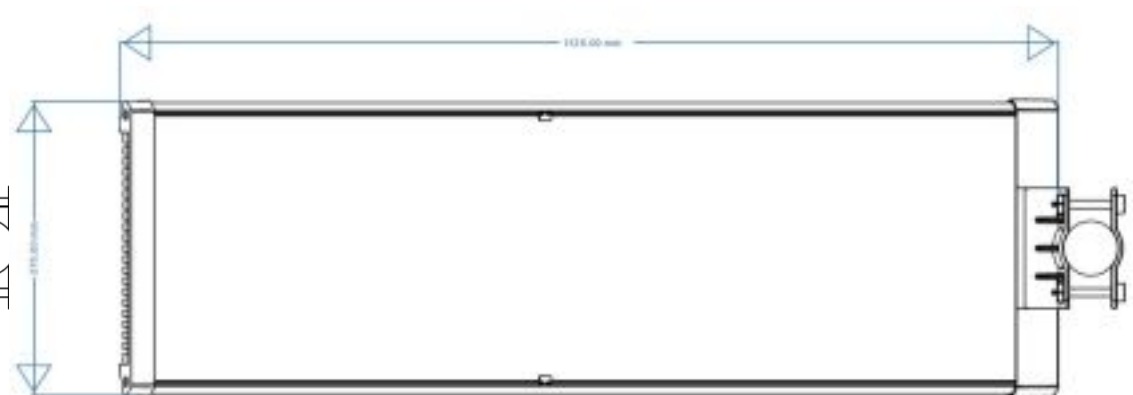
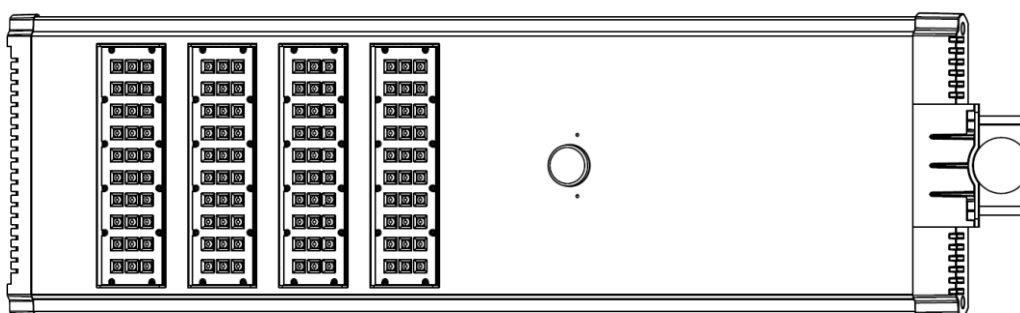
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Basic Parameters: AN-SLA-60W

Electrical Characteristic	
Rated Power	60W
Solar Panel(Mono)	18V80W
LifePO4 Battery	12.8V 42AH
Charging Time	6-8H
Lighting Time	4-5 nights
Working Temperature	-25°C~+65°C
Sensing Distance	≤12M

LED Parameters	
LED	120pcs 3030
Luminous FLux	210lm/w
Light Distribution	Batwing Type
Color Temperature	2800-6500K

Mechanical Specification	
Light Body Size	1125*370*175mm
Mounting caliber	60-70mm
Retail Packaging	119.5*20.5*44cm
Gross Weight	17kg





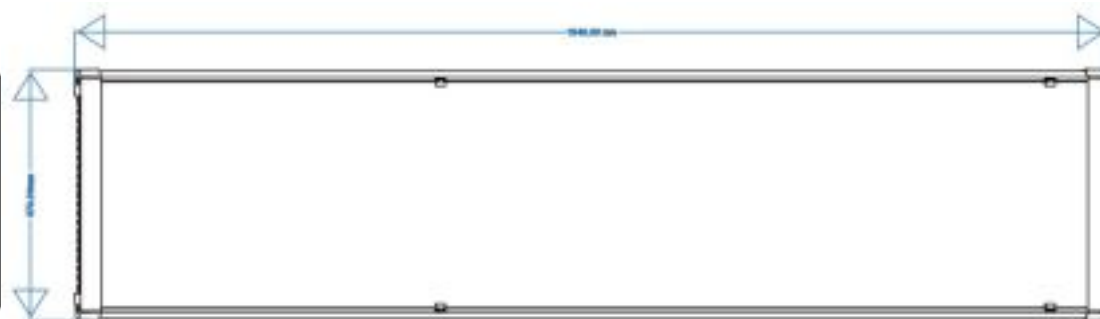
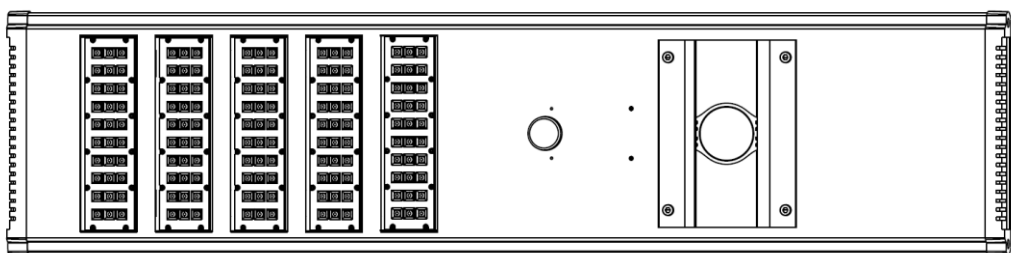
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Basic Parameters: AN-SLA-80W

Electrical Characteristic	
Rated Power	80W
Solar Panel(Mono)	18V100W
LifePO4 Battery	12.8V 54AH
Charging Time	6-8H
Lighting Time	4-5 nights
Working Temperature	-25°C~+65°C
Sensing Distance	≤12M

LED Parameters	
LED	150pcs 3030
Luminous FLux	210lm/w
Light Distribution	Batwing Type
Color Temperature	2800-6500K

Mechanical Specification	
Light Body Size	1540*370*335mm
Mounting caliber	<80mm
Retail Packaging	161*11*44cm(Lamp)
	29*22*29.5cm(Bracket)
Gross Weight	20kg(Lamp)
	2.9kg(Bracket)





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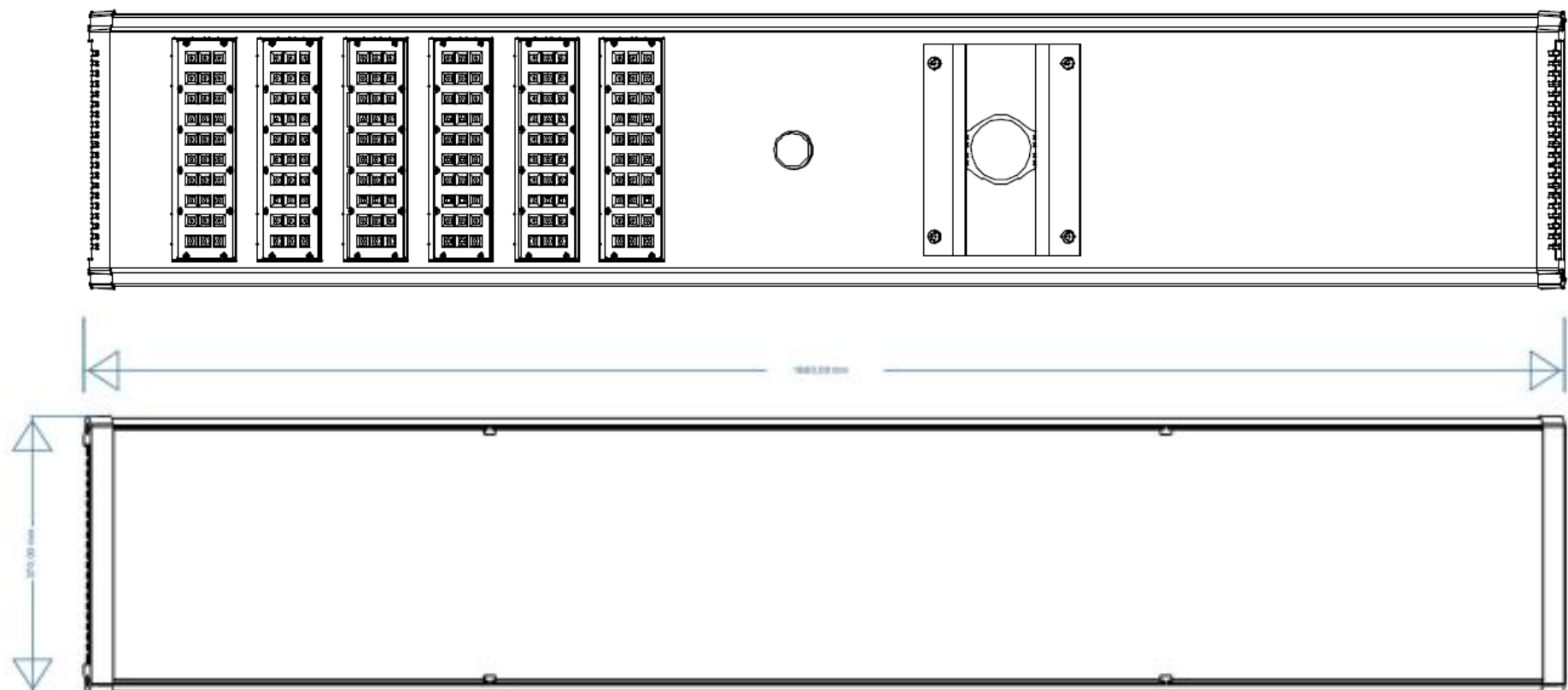
Basic Parameters: AN-SLA-100W

Electrical Characteristic	
Rated Power	100W
Solar Panel(Mono)	18V130W
LifePO4 Battery	12.8V 60AH
Charging Time	6-8H
Lighting Time	4-5 nights
Working Temperature	-25°C~+65°C
Sensing Distance	≤12M



LED Parameters	
LED	180pcs 3030
Luminous FLux	210lm/w
Light Distribution	Batwing Type
Color Temperature	2800-6500K

Mechanical Specification	
Light Body Size	1860*370*335mm
Mounting caliber	<80mm
Retail Packaging	193*11*44cm(Lamp)
	29*22*29.5cm(Bracket)
Gross Weight	24.5kg(Lamp)
	2.9kg(Bracket)





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Basic Parameters: AN-SLA-120W

Electrical Characteristic	
Rated Power	120W
Solar Panel(Mono)	18V140W
LifePO4 Battery	12.8V 72AH
Charging Time	6-8H
Lighting Time	4-5 nights
Working Temperature	-25°C~+65°C
Sensing Distance	≤12M



LED Parameters	
LED	180pcs 3030
Luminous FLux	210lm/w
Light Distribution	Batwing Type
Color Temperature	2800-6500K

Mechanical Specification	
Light Body Size	1860*370*335mm
Mounting caliber	<80mm
Retail Packaging	1930*11*44cm(Lamp)
	29*22*29.5cm(Bracket)
Gross Weight	25.5kg(Lamp)
	2.9kg(Bracket)

