LED Solar Street Light-H

40W/50W/80W/120W

40W　50W　80W　120W

Modular design
SKD shipping available

Buckle design,Easy installation
Tools free maintainance

New generation of solarcell
60% increase in efficiency

WARRANYT 5 YEARS

All aluminium
alloy design

Built in four kinds of
working mode

Adjustable led source

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PRODUCT SPECIFICATION

Type	UL-SSL-H-40W	UL-SSL-H-50W	UL-SSL-H-80W	UL-SSL-H-120W
Solar Panel	40W	70W	100W	130W
Battery Capacty	280WH	390WH	550WH	825WH
Luminous Flux	3000 - 5000LM	5000-10000LM	8000-15000LM	10000-25000LM
Top Diameter Of Pole	60mm	76mm	76mm	76m
Mounting Height	3m-6m	6m-8m	8m-10m	10m-12m
Gross Weight (Kg)	11.5	19	24.5	30
LED Chip	High bright 5050 (5W/PCS,240LMAV)			
CCT	2700-6000K (can be customized)			
Lighting Life Span	100,000 hours to LM80 specifications			
Working Way	Motion Sensor / IoT / Time Schedule			
Solar Panel Life Span	80% power affer 25 years			
Working Mode	MPPT			
Control Mode	Intelligent, activated by sunlight			
Working Temperature	-15°C to +70°C			
Water Resistance	IP65			
Lighting Time	>10 days			
Life Span	4000 Cycles (>10 years)			
Luminaire Dimensions	457*406*84mm	822*406*84mm	1206*406*84mm	1580*406*84mm

*THE LUMINARYT COMPLYWITH THE CURRENT NOM STANDARDS AND THE IESNA STANDARD LM-79 AND LM-80 OR SIMILAR

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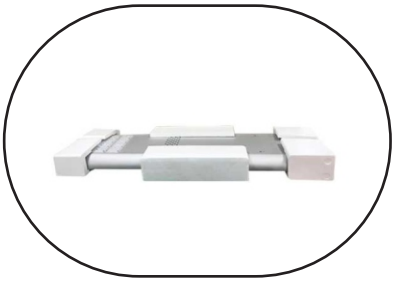
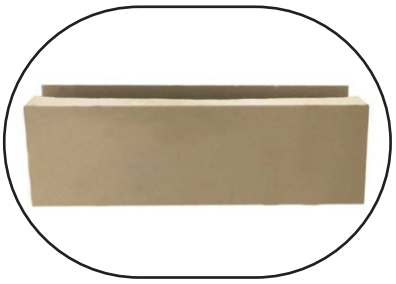
PACKAGE DETAIL (by sea)

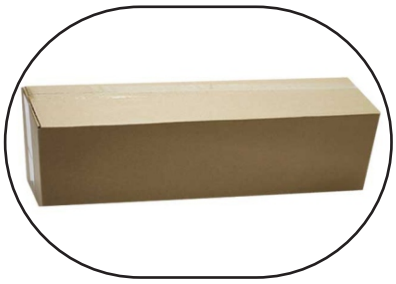
Step1



Step2

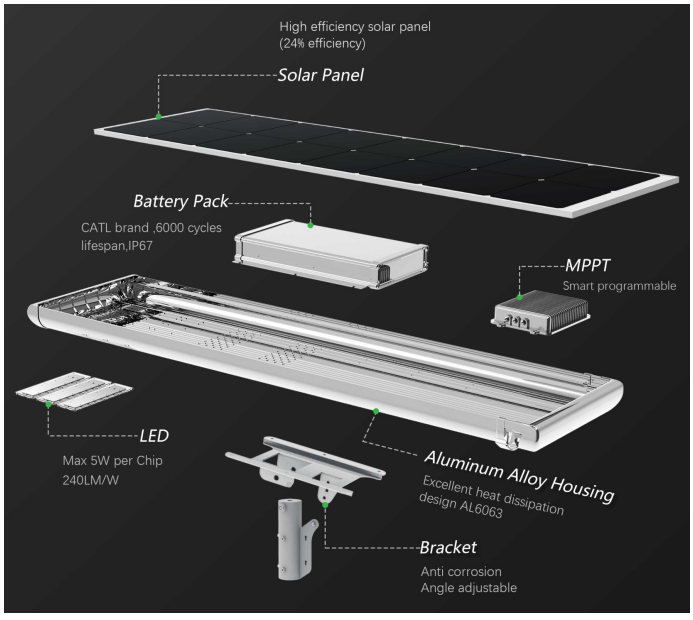


Step3

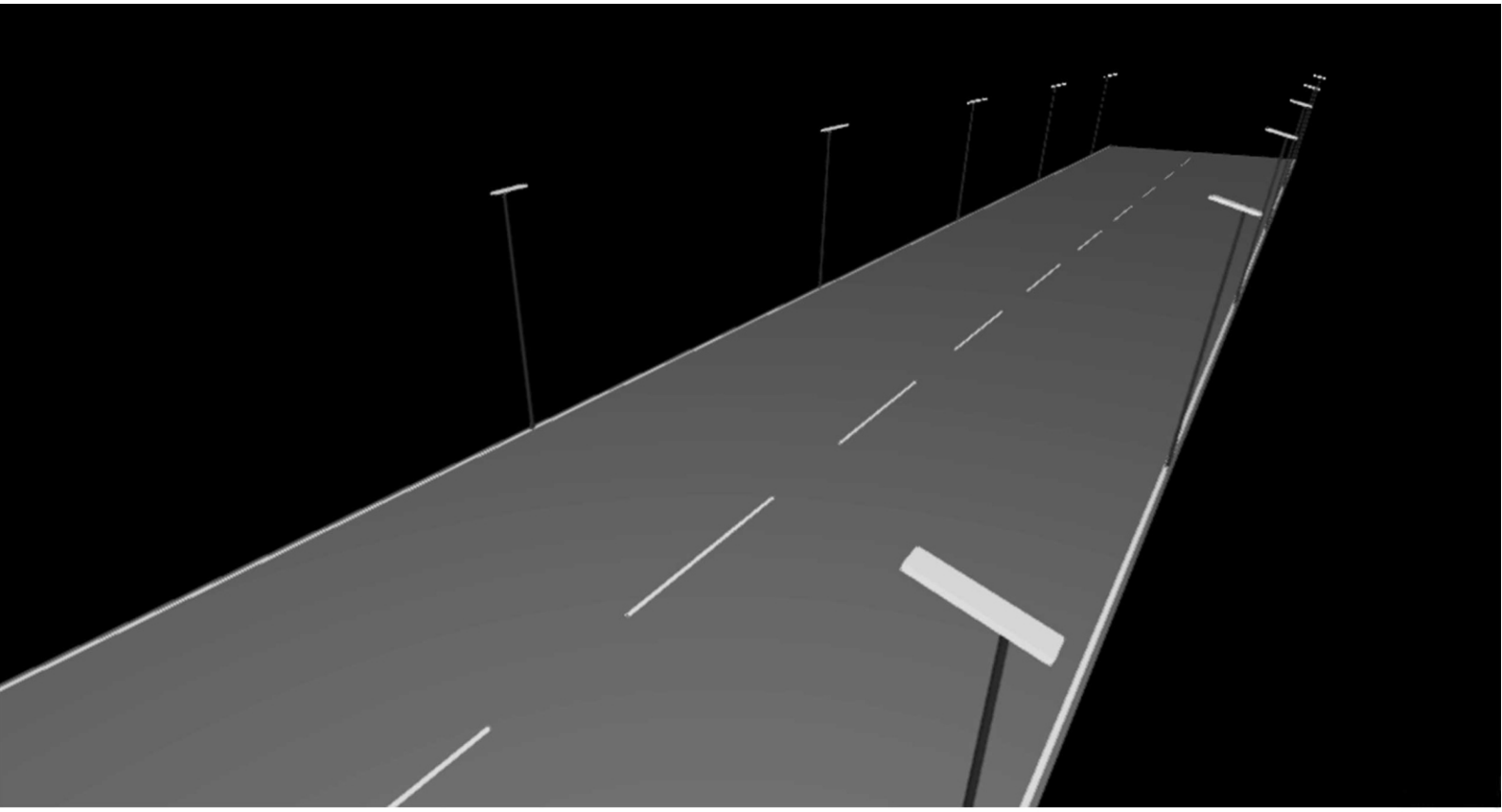


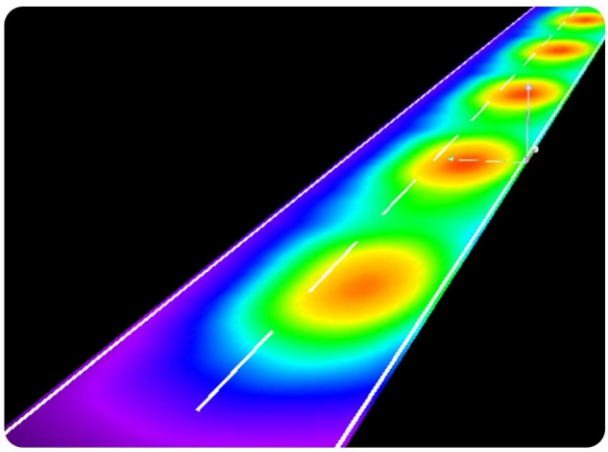
Type	QTY(PCS)	Carton Size	Net Weight (kg)
UL-SSL-H-40W	1	552*446*150mm	9.5
UL-SSL-H-50W	1	887*446*150mm	15
UL-SSL-H-80W	1	1271*446*150mm	24.5
UL-SSL-H-120W	1	1645*446*150mm	26

PRODUCT STRUCTURE

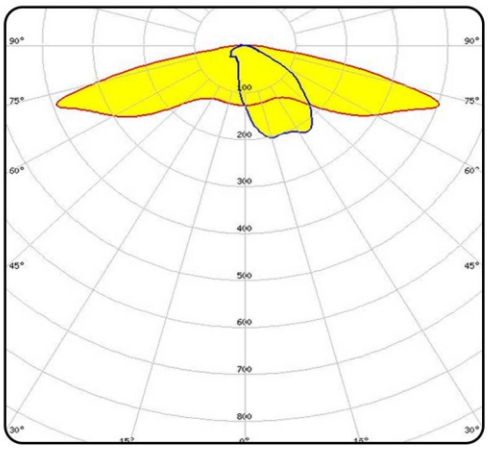


OPTICAL FIGURE





Road Simulated Diagram



Light Distribution Curve

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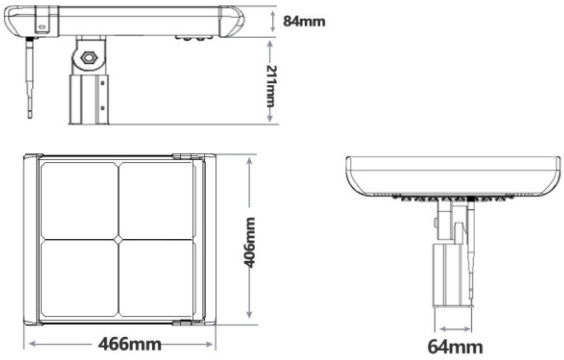
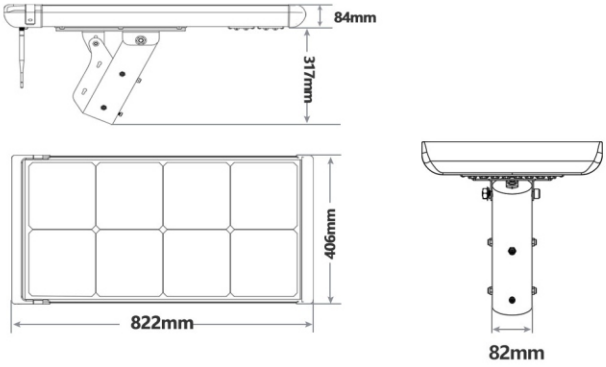
FIGURE DIMENSION

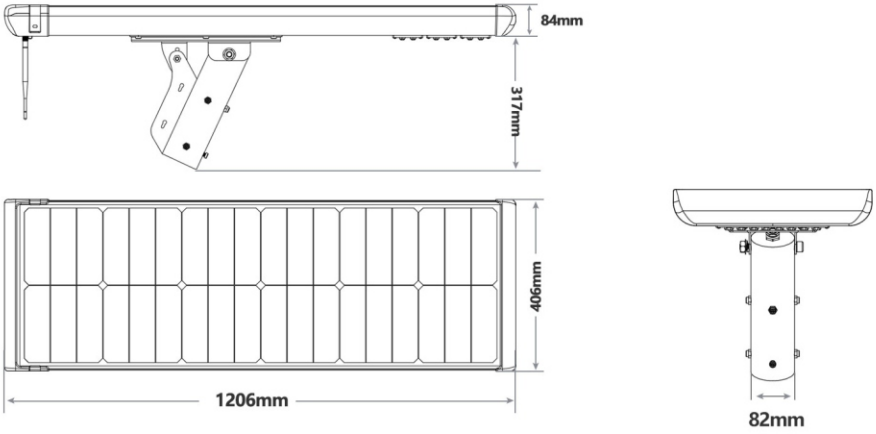
UL-SSL-H-40W



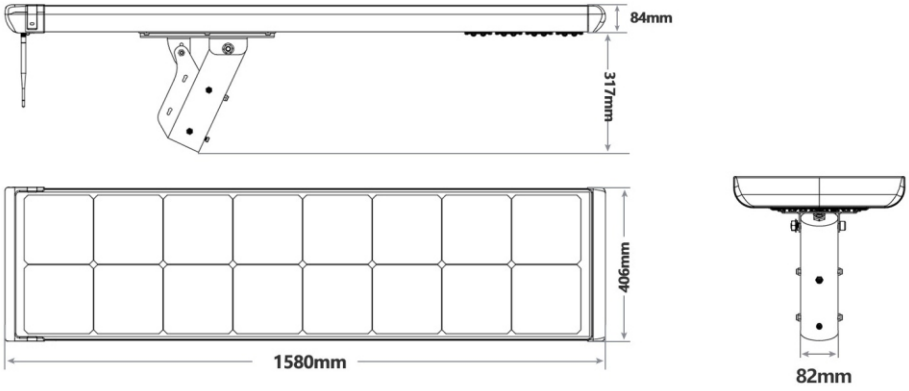
UL-SSL-H-50W



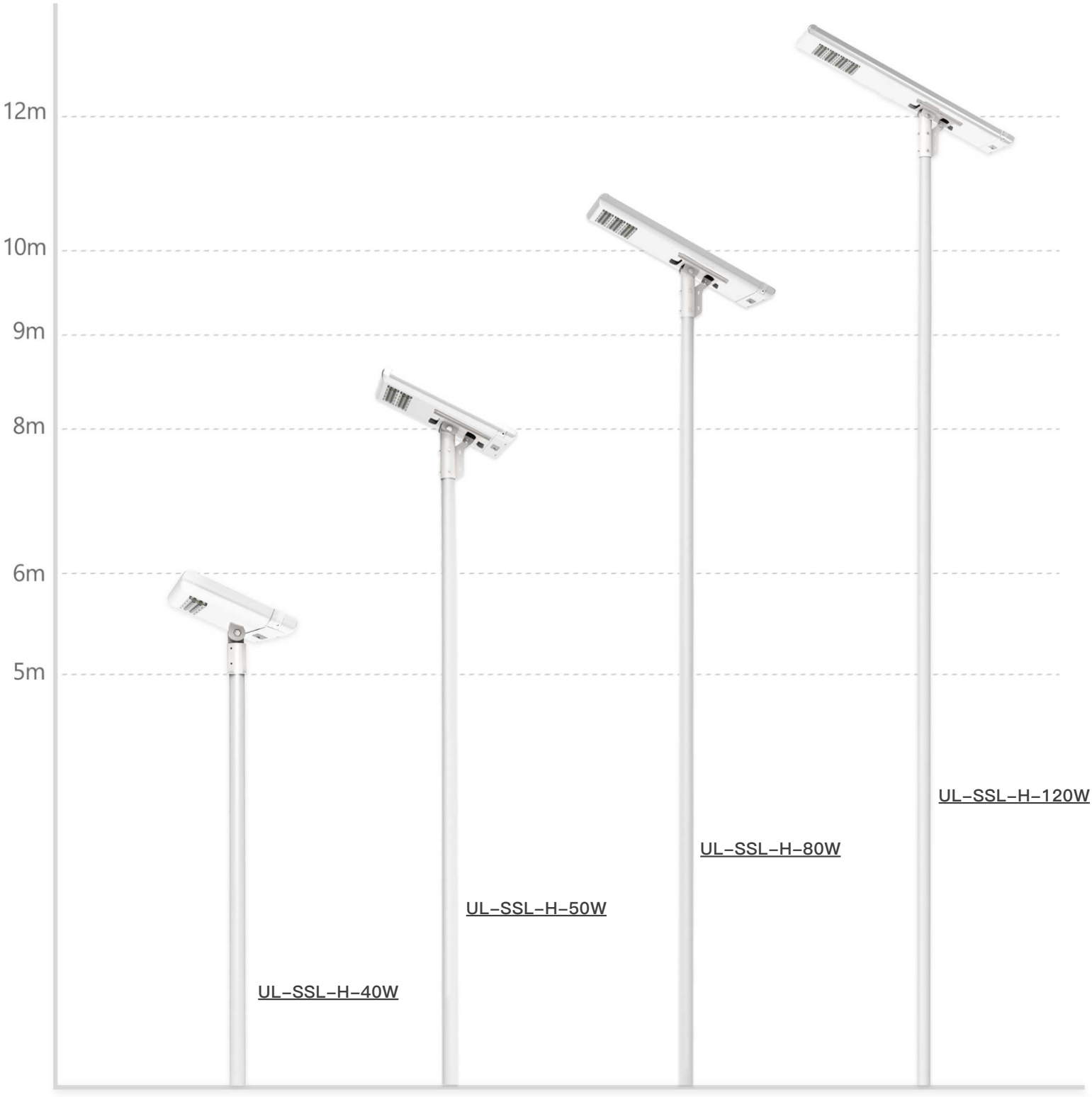
UL-SSL-H-80W



UL-SSL-H-120W



LIGHT POLE DIAGRAM



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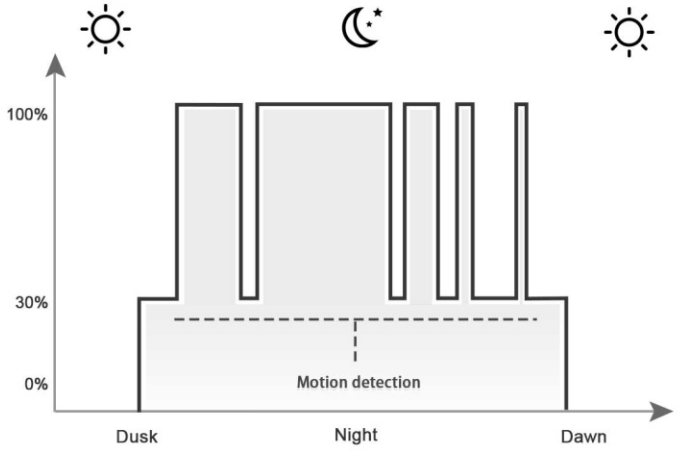
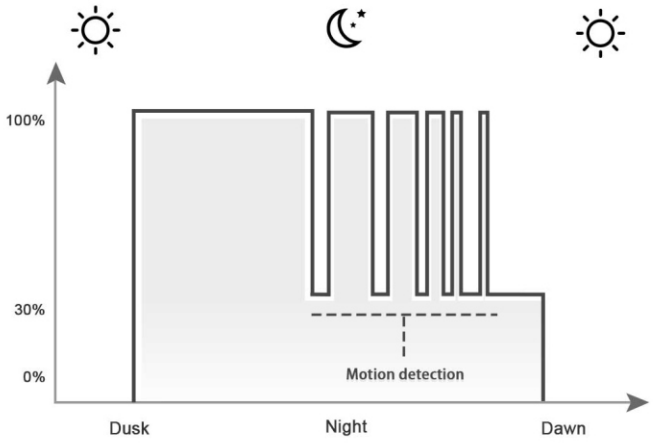
WORKING MODES

〈1〉



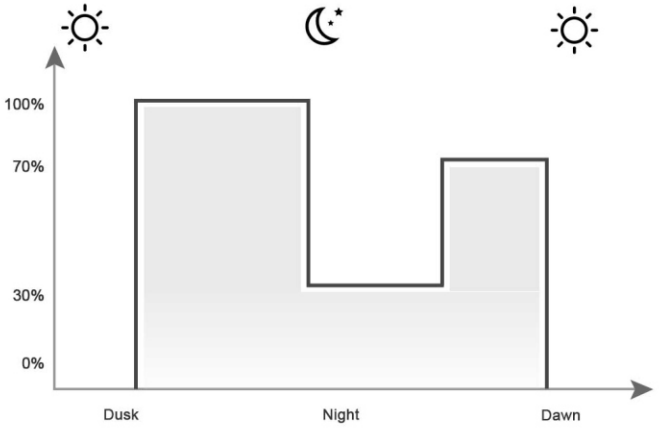
(30% brightness + motion detection till dawn)

〈2〉



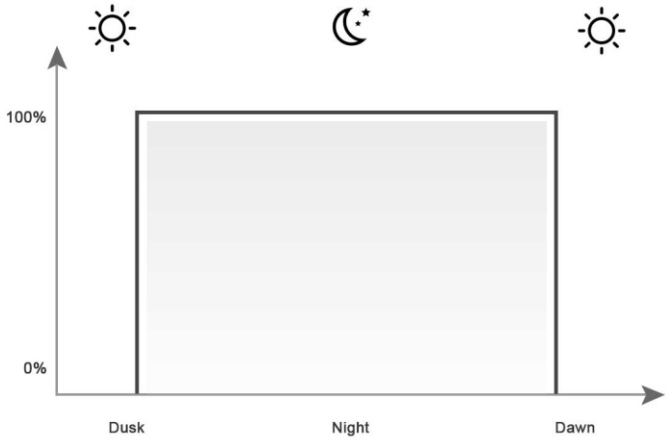
(5hours 100% brightness+30% brightness with motion detection till dawn)

〈3〉



(5hours 100% brightness+4 hours 30% brightness+70% brightness till dawn)

〈4〉



(100% brightness till dawn)

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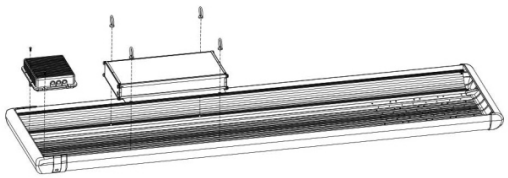
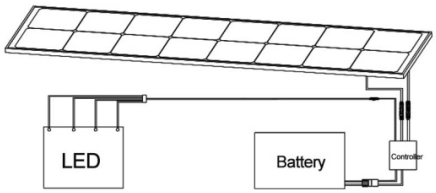
INSTALLATIONS

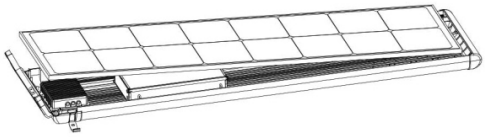
1. Place battery and MPPT controller as per below drawing.Match holes location,then fix it with 2 pcs of M4 lock nuts and 4 pcs of M6 eye nuts.



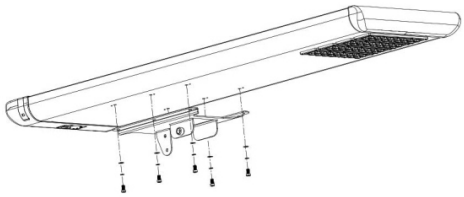
2. Connect the wiring between the LED, solar panel, and battery.



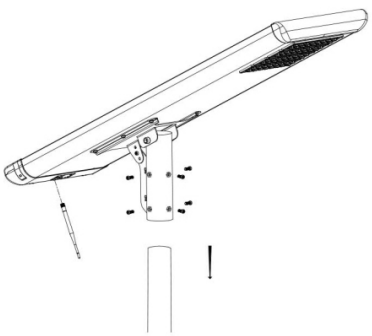
3. Unlock the buckle,place solar panel as per below drawing,buckle up.



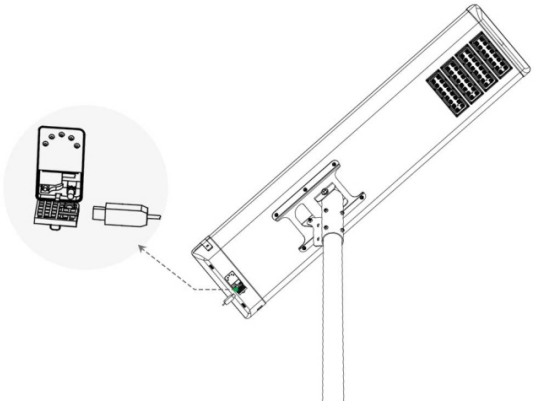
4. Place bracket as per below drawing,and match the location of holes and fix it with screws.



5. Mount street light with bracket on the top of the pole and fix it with screws.



6. The installation of RTU antenna （for product with smart controlling system） Plug the USB into the socket, install the RTU antenna.



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