NATEN

Solar & LED Lighting

TITAN 2

SOLAR STREET LIGHT

IP65

INTRODUCTION

Product specifications

01 FRONT COVER

02 CATALOG

03~07 MAIN ADVANTAGES

8 SPECIFICATIONS

09~10 EXPLODED VIEW

11 EXPLODED VIEW OF BATTERY PACK

12 OPTICAL FIGURE

13 DIMENTION FIGURE

14 LIGHT POLE DIAGRAM

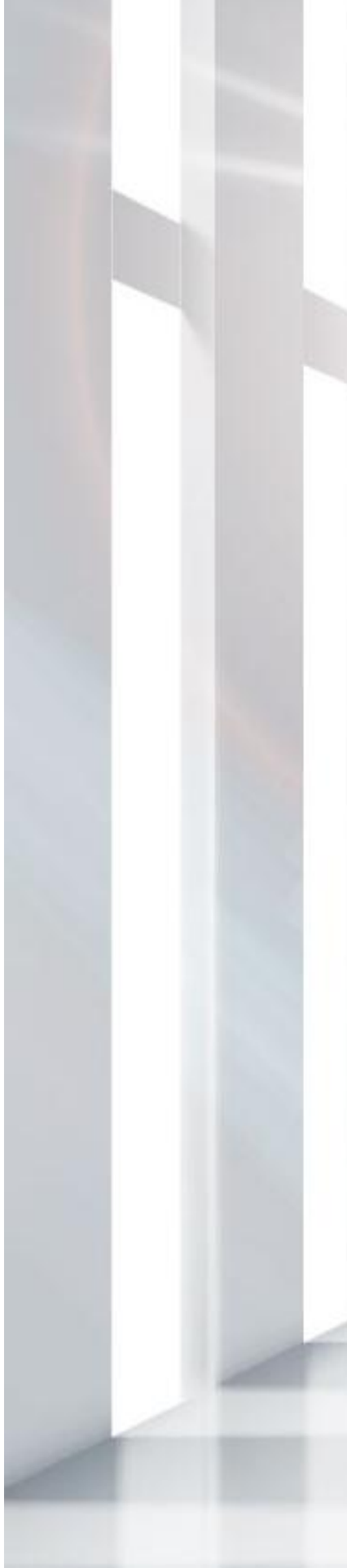
15~16 MORE DETAILS

17 CORE TECHNOLOGY

18 INSTALLATION INSTRUCTIONS

19~24 PACKAGE DETAIL

25~26 APPLICATION



HIGH BRIGTHNESS 40W-150W

SSL-615 150W SSL-66 60W SSL-610 100W
SSL-612 120W SSL-64 40W SSL-68 80W

Max. adjustable angle： 360°

SPLIT SOLAR STREET LIGHT SPECIAL DESIGN FOR HIGH LATITUDE AREAS!

Longyearbyen ,Norway

TITAN 2

New product
Long battery lifespan,
Even use in the -20°C area
TCS technology---high and low temperature protection and heating function to extend battery lifespan
LOGO

360° adjustable solar panel, Charging Efficiency Maximize

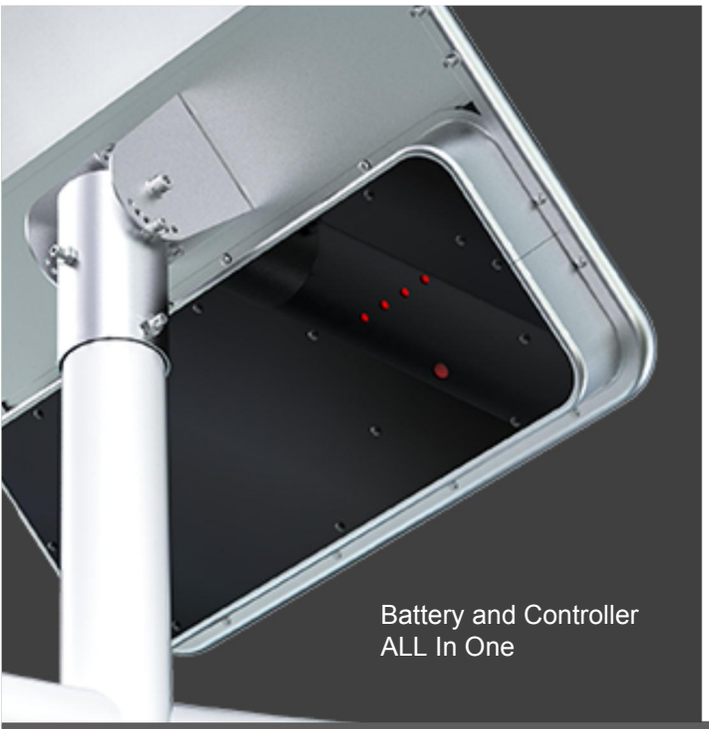
SSL-68 / 610 / 612 / 615

Product Advantage

stronger，More Intelligent

SPLIT SOLAR STREET LIGHT

Self Fault Alarm System For Easy Maintenance



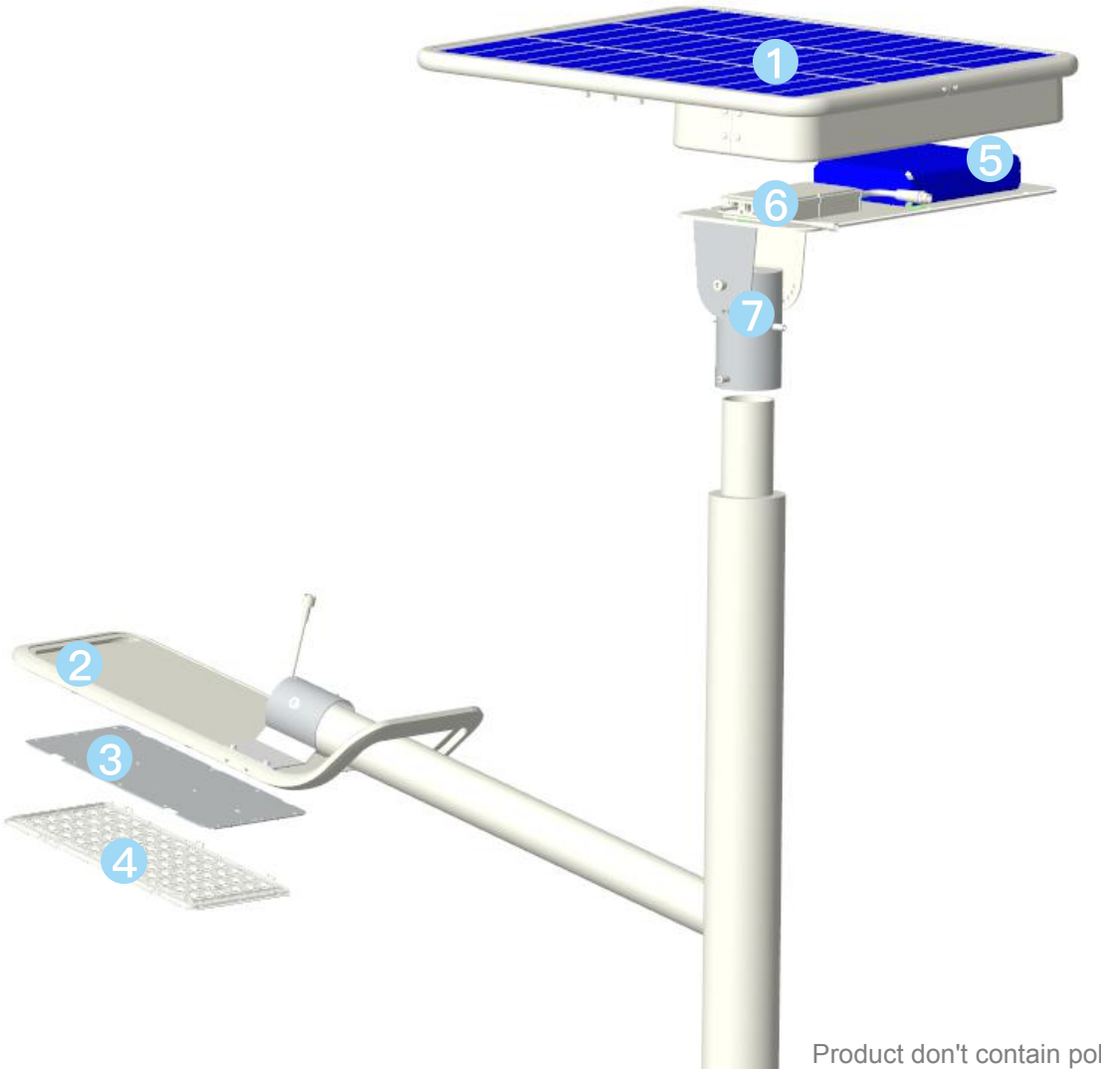
SSL-64 / 66

Product Advantage

Simple design, powerful function

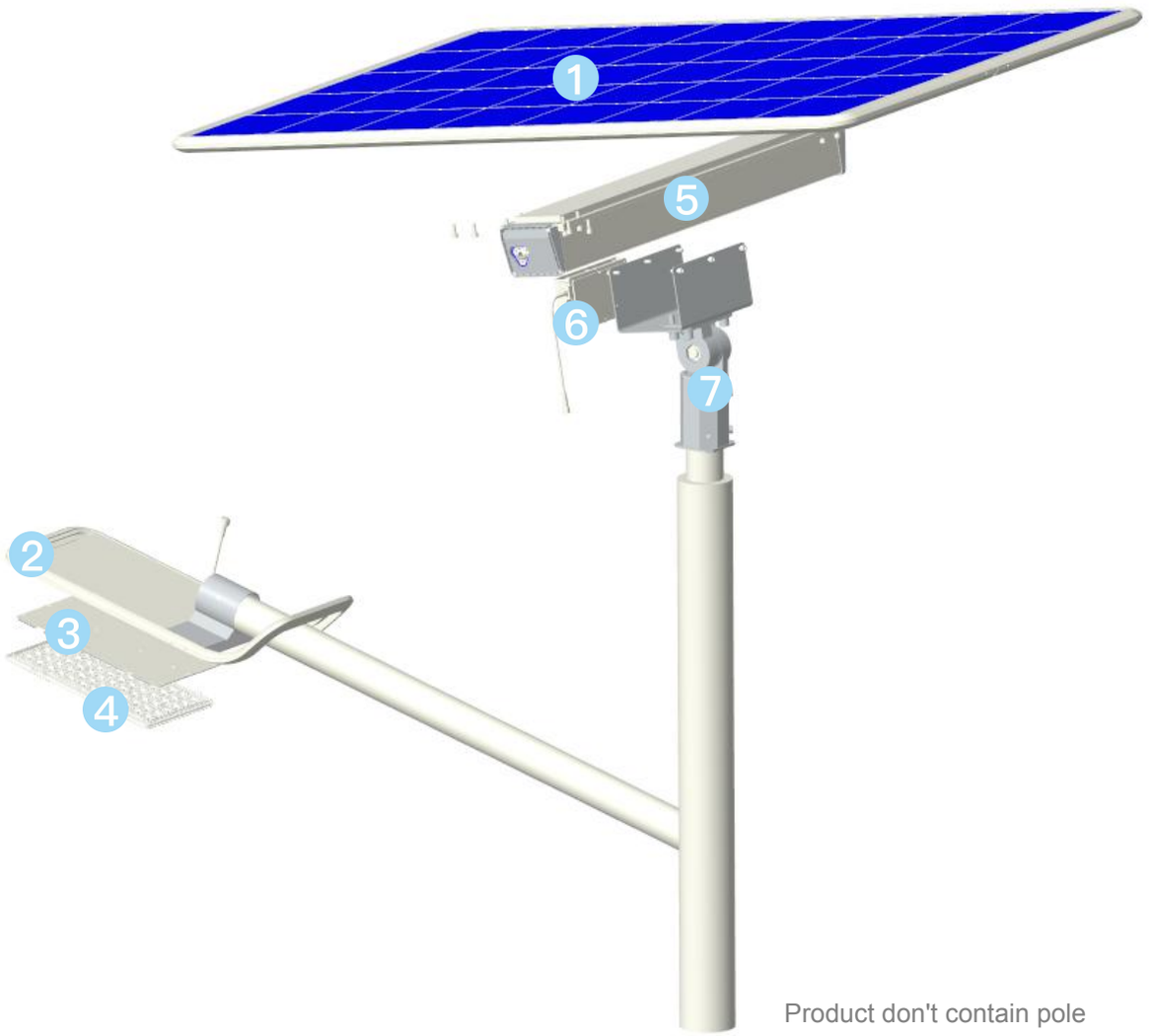
Item : TITAN 2	SSL-64	SSL-66	SSL-68	SSL-610	SSL-612	SSL-615
Fixture Power	40W	60W	80W	100W	120W	150W
Solar panel						
Power	48.75W	48.75W	133.34W	133.34W	200W	200W
Li-ion battery						
Capacity	18.5V 288.6WH 2.6AH/PCS	18.5V 384.8WH 2.6AH/PCS	18.5V 481WH 2.6AH/PCS	18.5V 625.3WH 2.6AH/PCS	18.5V 769.6WH 2.6AH/PCS	18.5V 962WH 2.6AH/PCS
Charging/Discharging Temp	-20~60℃/-20~60℃					
Charging Time	6.7H	9H	4.2H	5.5H	4.5H	5.6H
LED (OSRAM)	3030 / 72pcs	3030 / 72pcs	3030 / 288pcs	3030 / 288pcs	3030 / 288pcs	3030 / 288pcs
Color Temp	4000K，Ra 70+	4000K，Ra 70+	4000K，Ra 70+	4000K，Ra 70+	4000K，Ra 70+	4000K，Ra 70+
Efficiency	190lm/W	190lm/W	190lm/W	190lm/W	190lm/W	190lm/W
Performance						
Lighting Time in Rainyday	>10 Days					
Control Mode	Button Switch，ON/OFF Long Press 1.5s					
Lighting Mode	100%（5H）+20% Till dawn					
Mode Indication	_					
Capacity Indication	4LEDs：>80%； 3LEDs：60%~80%； 2LEDs：30%~60%； 1LEDs：<30%；					
FAS	YES					
PIR	-					
Core technology	ALS 2.4 / TCS 2.0 / FAS 1.0					
Solar Panel Autoclean	_					
IP/IK Class	IP65 / IK08					
IInstall Height / Distance	4m / 20m	6m / 25m	8m /30m	10m /35m	12m /42m	15m / 50m

NATEN
Solar & LED Lighting



Product don't contain pole

01.	02.	03.	04.	05.	06.	07.
Solar Panel	Product Shell	Led Plate	Optical Lens	Battery Pack	Control Module	Bracket



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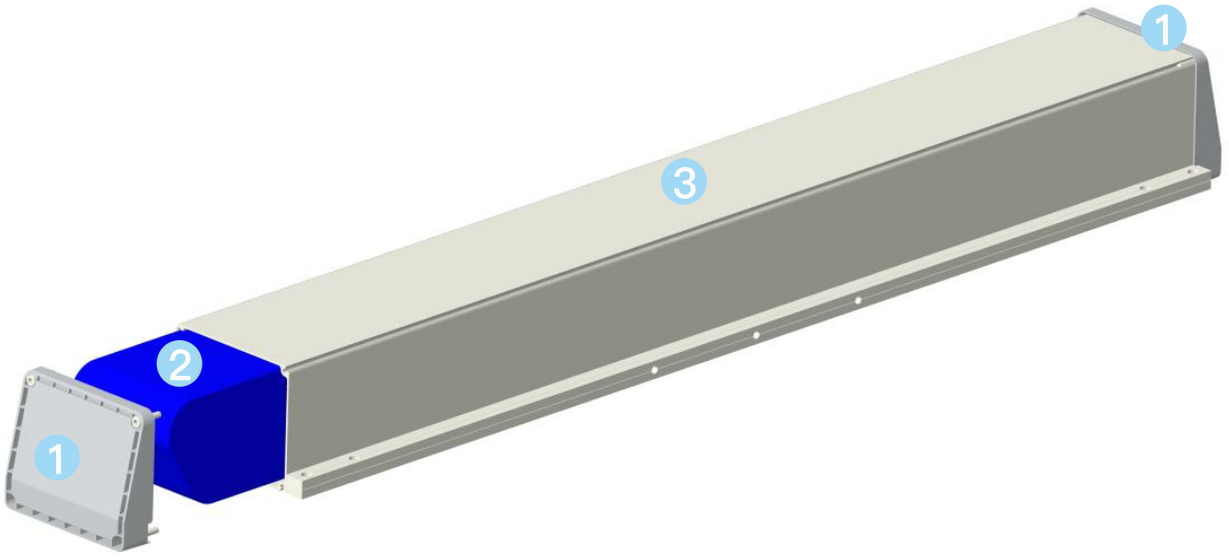
Solar Panel	Product Shell	Led Plate	Optical Lens	Battery Pack	Control Module	Bracket



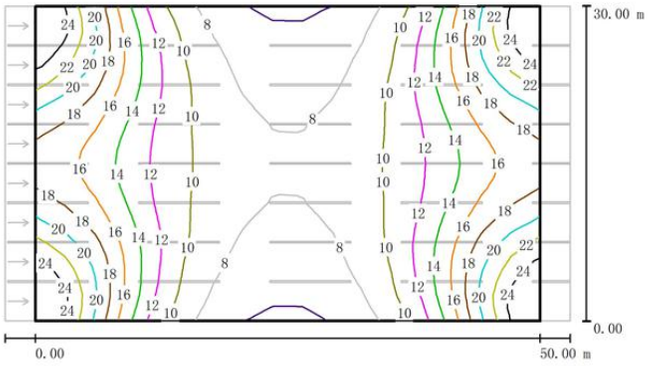
01. Shell

02. Li-ion Battery Pack

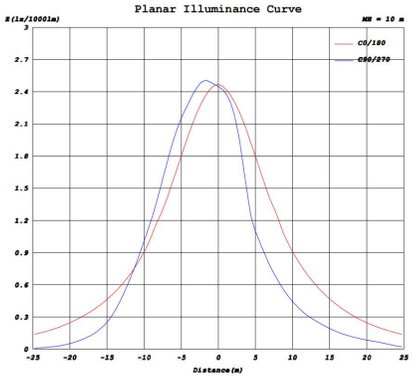
03. Case

SSL-64 / 66 / 68 / 610 / 612 / 615

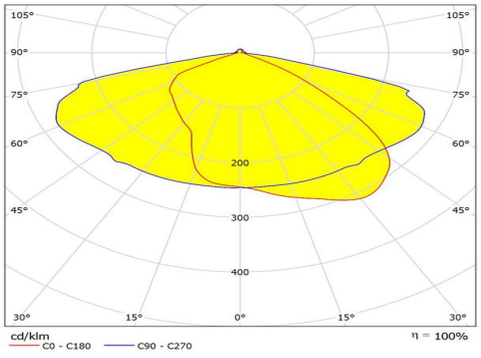
Road Simulated Diagram



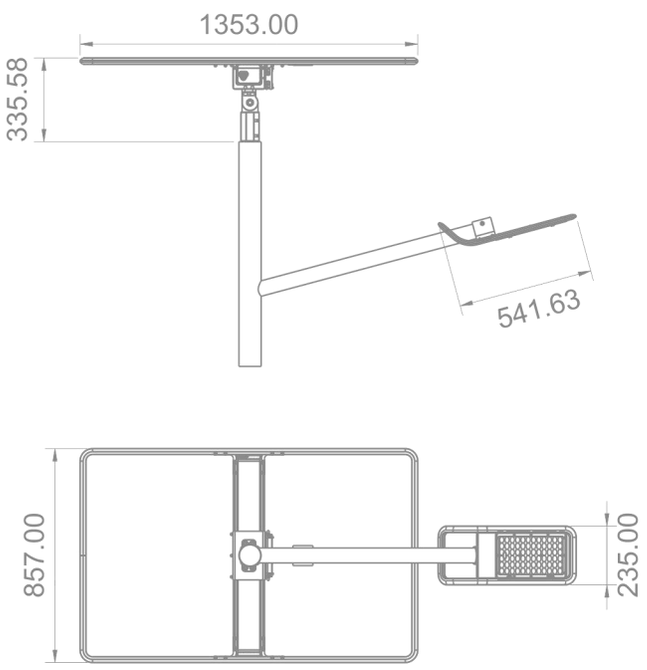
Illumination Curve



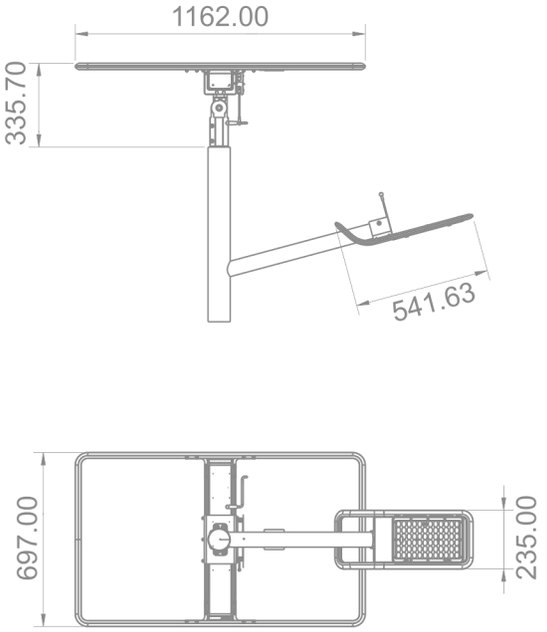
Luminance Distribution



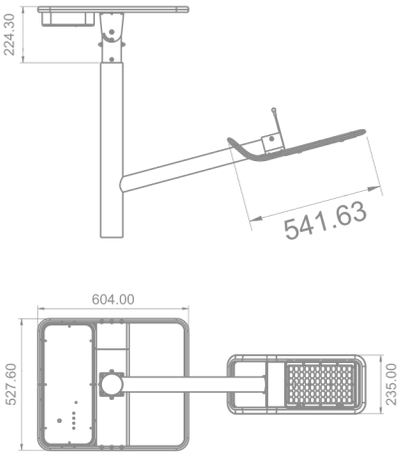
SSL-612/615

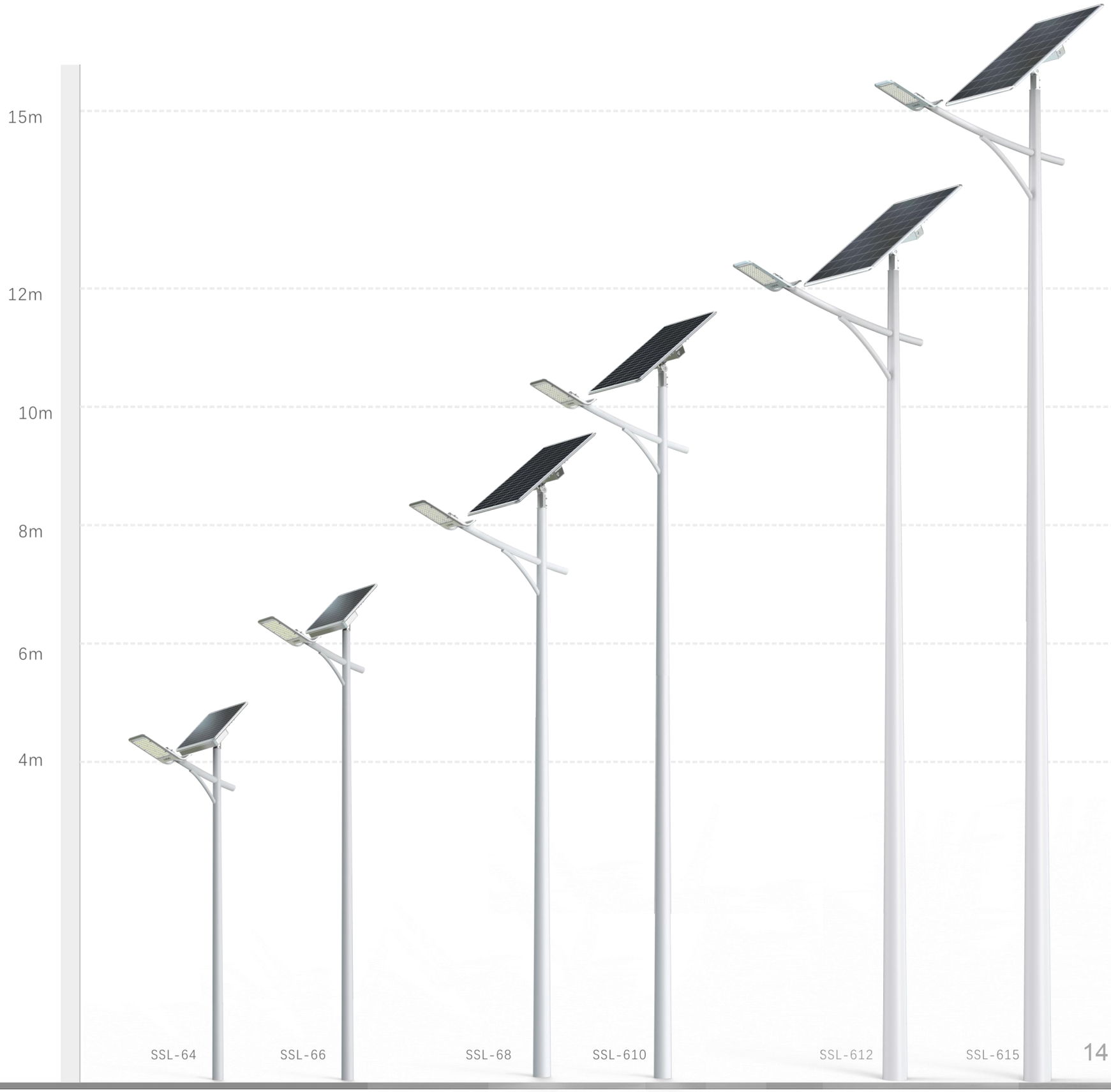


SSL-68/610



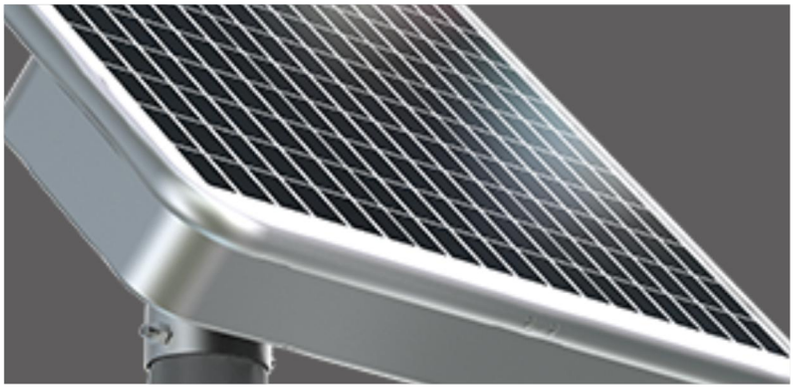
SSL-64/66



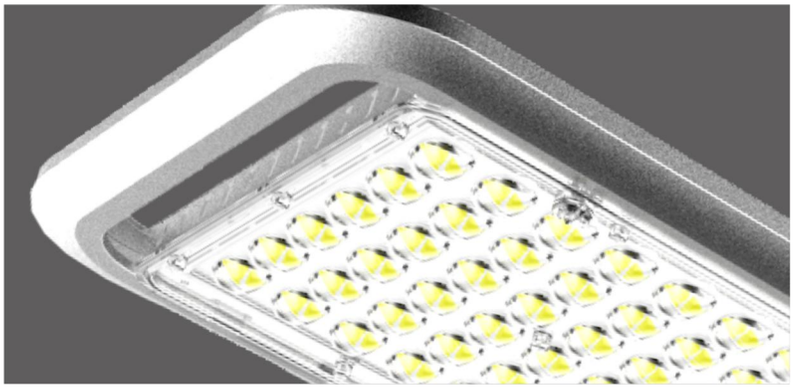

15m
12m
10m
8m
6m
4m
SSL-64
SSL-66
SSL-68
SSL-610
SSL-612
SSL-615

Detail Benefits

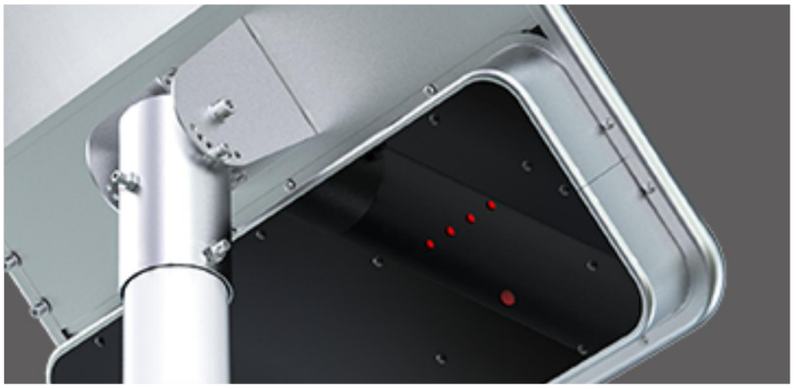
SSL-64 / 66



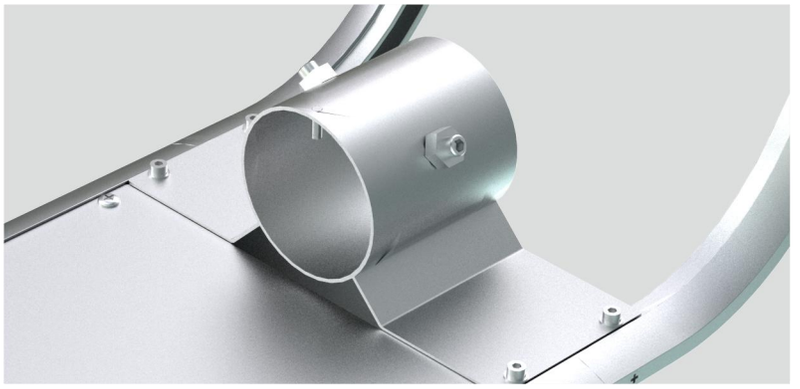
Monocrystalline >21%



High lumen LEDs 190lm/W



1. Solar Panel Bracket
2. Battery Pack
3. Battery indicator
4. Switch



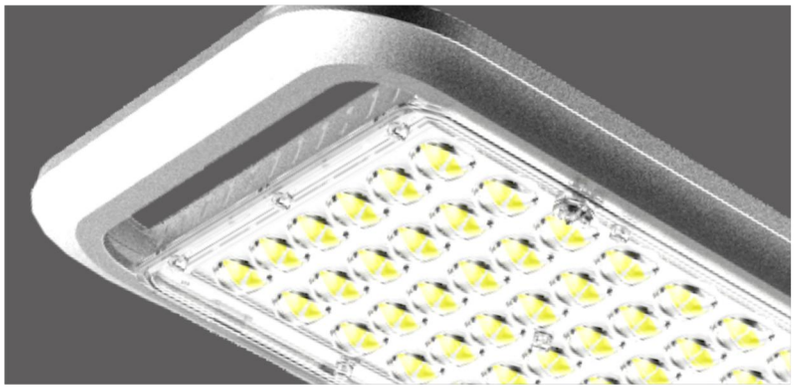
Lamp Bracket

A Great Company should always pay the highest attention to the every detail design , and the craftsmanship spirit should be filled in the whole design process and mass production.

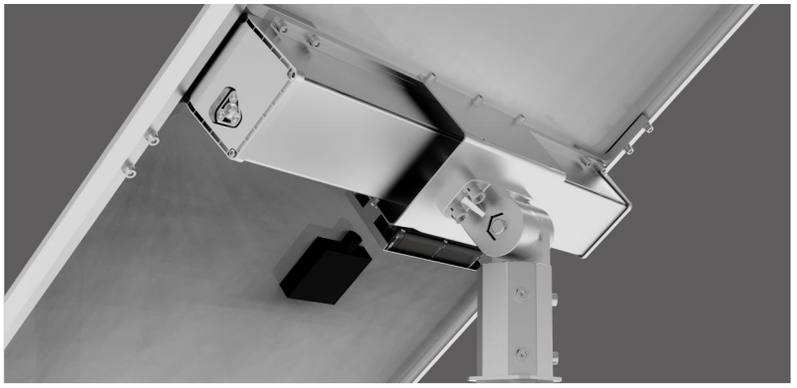
Detail Benefits

SSL-68 / 610 / 612 / 615

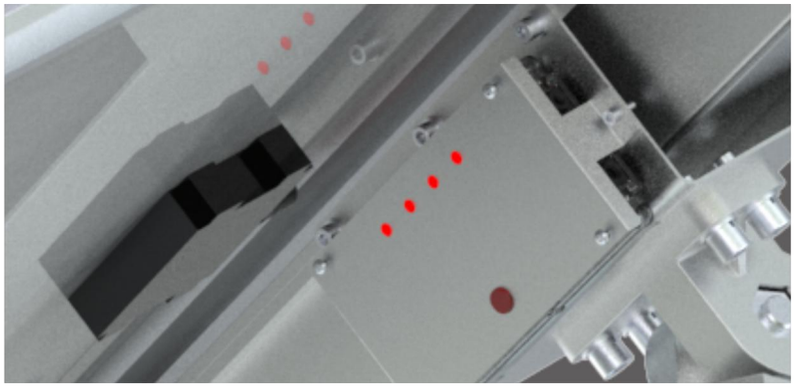
Monocrystalline >21%



High lumen LEDs 190lm/W

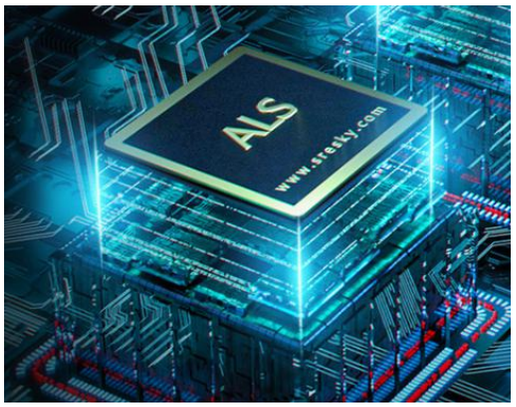


1. Battery Pack
2. Adjustable bracket

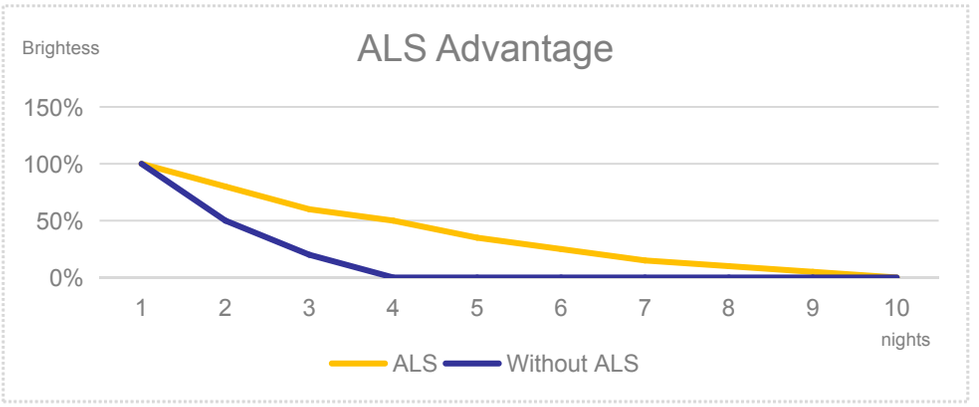


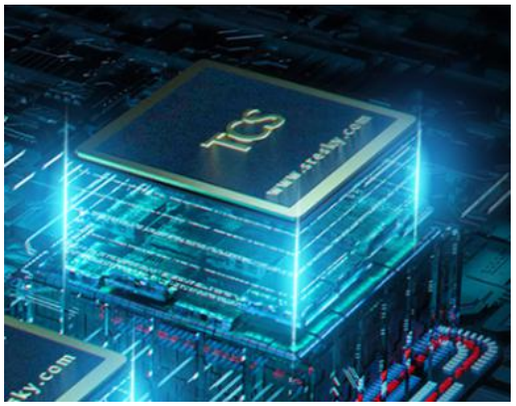
1. Battery indicator
2. Switch

A Great Company should always pay the highest attention to the every detail design , and the craftsmanship spirit should be filled in the whole design process and mass production.

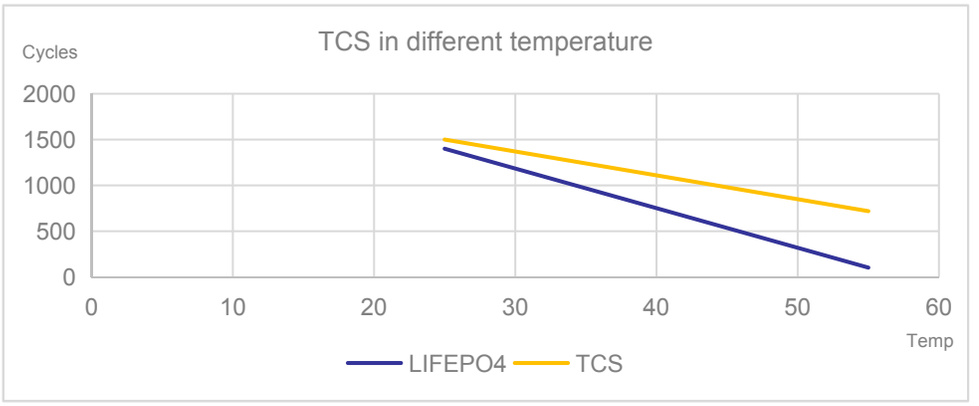


ADVANTAGE OF ALS

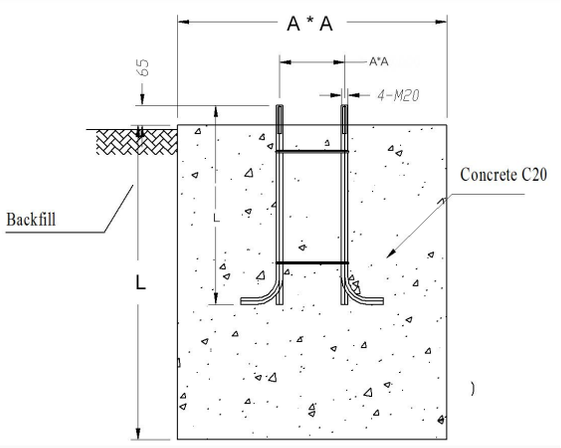




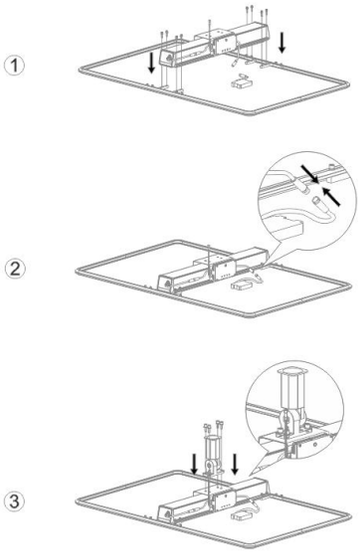
ADVANTAGE OF TCS



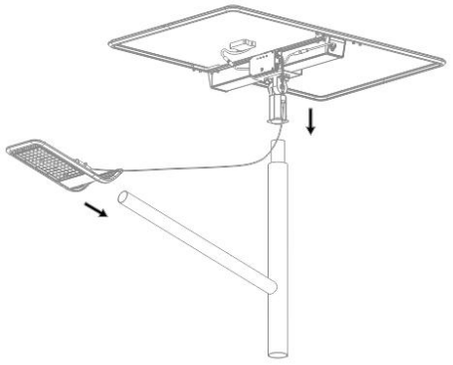
1 Dig a hole according to the size of the foundation cage, put the foundation cage into the hole and fix it with concrete C20.



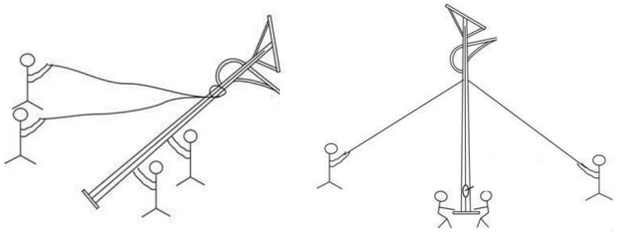
2 Use the supplied screws to fix the bracket on the lamp.

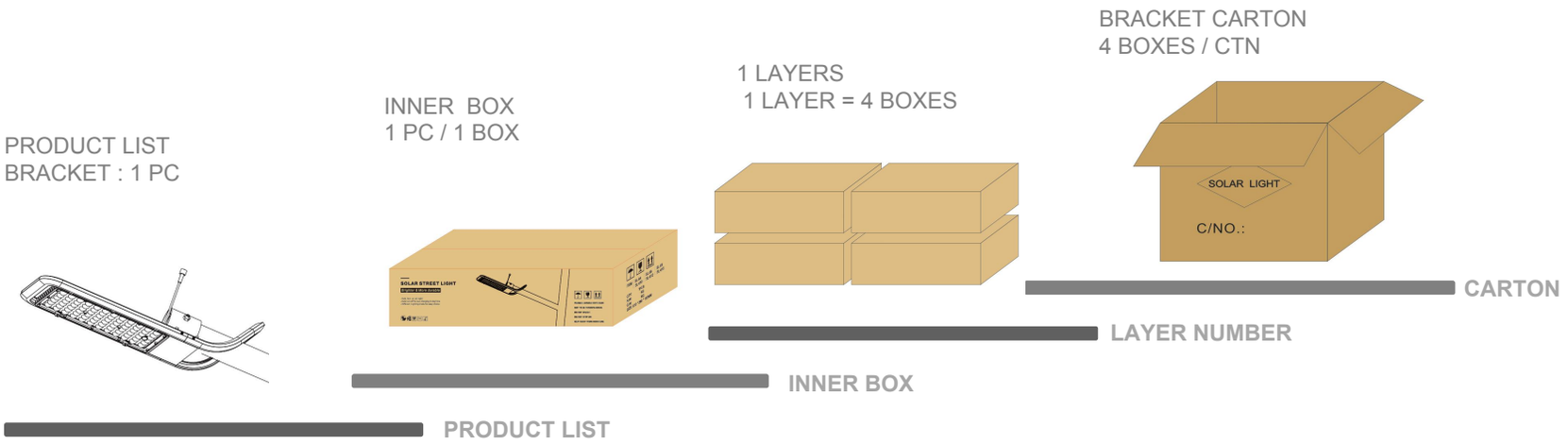


3 Use the supplied screws to fix the lamp on the pole .



4 Lift the lamp pole by the person or machine, align the bottom flange of the lamp pole with the foundation cage, and then fix the lamp pole with screws.





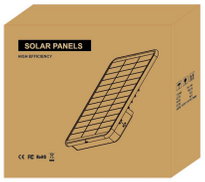
STEP 1 STEP 2 STEP 3 STEP 4

MODEL NO.	PACKING METHOD	PCS/CTN	QTY(PCS)	CTN QTY	CARTON SIZE(CM)	N.W.(KG)	G.W.(KG)
SSL-615 series	INNER BOX	1	1	1	61* 29* 15.5	1.75	2.3
	CARTON	4	4	1	62.5* 59.5* 32.5	7	10.5

Net weight and gross weight are for reference only

PRODUCT LIST
BRACKET : 1 PC

INNER BOX
1 PC / 1 BOX



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COLOR BOX

PRODUCT LIST

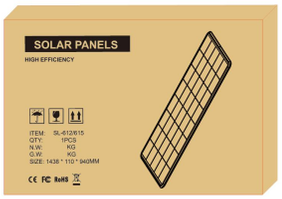
STEP 1 STEP 2 STEP 3 STEP 4

MODEL NO.	PACKING METHOD	PCS/CTN	QTY(PCS)	CTN QTY	CARTON SIZE(CM)	N.W.(KG)	G.W.(KG)
SSL-64/66	CARTON	1	1	1	67.8*17.5*61.7	7.49	8.45

Net weight and gross weight
are for reference only

PRODUCT LIST
BRACKET : 1 PC

INNER BOX
1 PC / 1 BOX



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CARTON

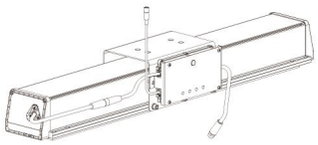
PRODUCT LIST

STEP 1 STEP 2 STEP 3 STEP 4

MODEL NO.	PACKING METHOD	PCS/CTN	QTY(PCS)	CTN QTY	CARTON SIZE(CM)	N.W.(KG)	G.W.(KG)
SSL-612 / 615	CARTON	1	1	1	143.8 * 11 *94	13	15
SSL-68 / 610	CARTON	1	1	1	121.5*11*76.5	8.5	10

Net weight and gross weight are for reference only

PRODUCT LIST
BRACKET : 1 PC



INNER BOX
1 PC / 1 BOX

/

/

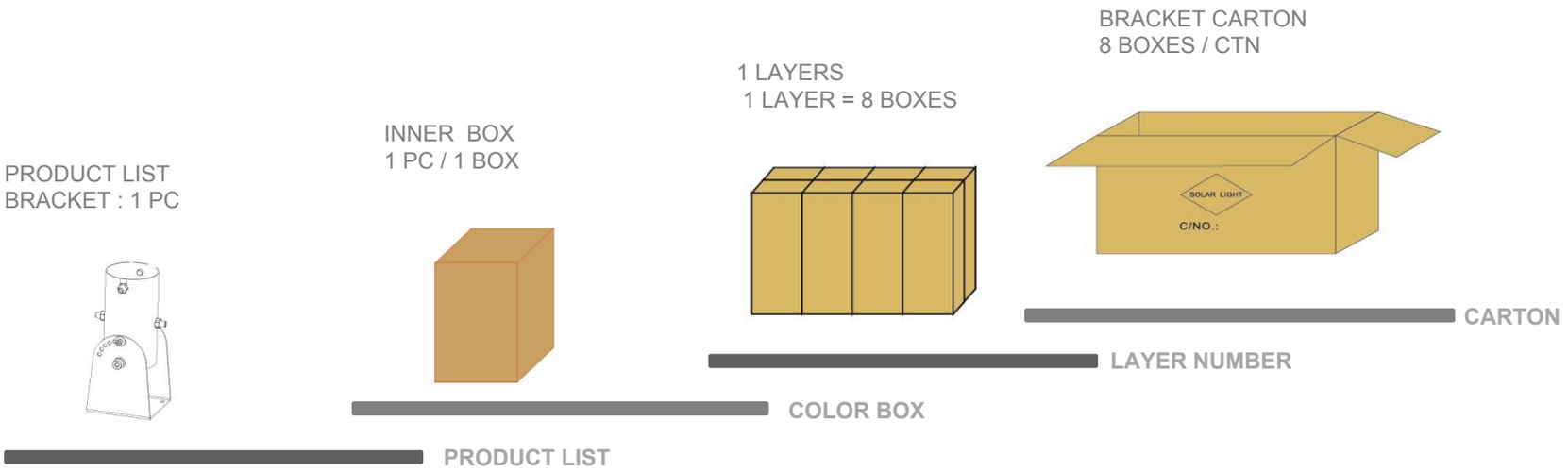
CARTON

PRODUCT LIST

STEP 1 STEP 2 STEP 3 STEP 4

MODEL NO.	PACKING METHOD	PCS/CTN	QTY(PCS)	CTN QTY	CARTON SIZE(CM)	N.W.(KG)	G.W.(KG)
SSL-612 / 615	CARTON	1	1	1	22*14.5*86	8.5	9
SSL-68 / 610	CARTON	1	1	1	22*14.5*71.5	6.1	6.6

Net weight and gross weight are for reference only



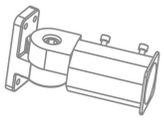
STEP 1 STEP 2 STEP 3 STEP 4

MODEL NO.	PACKING METHOD	PCS/CTN	QTY(PCS)	CTN QTY	CARTON SIZE(CM)	N.W.(KG)	G.W.(KG)
SSL-64 / 66	INNER BOX	1	1	1	10.2*9.6*14.7	0.885	0.940
	CARTON	8	8	1	42.6*21*16.5	7.08	8

Net weight and gross weight are for reference only

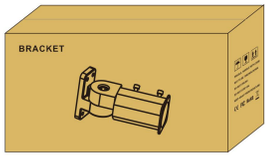
BRACKET

PRODUCT LIST
BRACKET : 1 PC



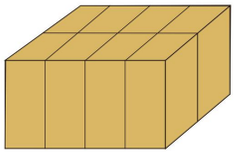
PRODUCT LIST

INNER BOX
1 PC / 1 BOX



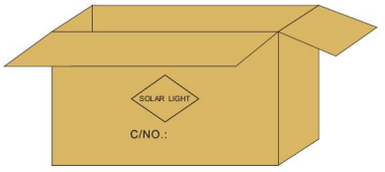
INNER BOX

1 LAYERS
1 LAYER = 8 BOXES



LAYER NUMBER

BRACKET CARTON
8 BOXES / CTN



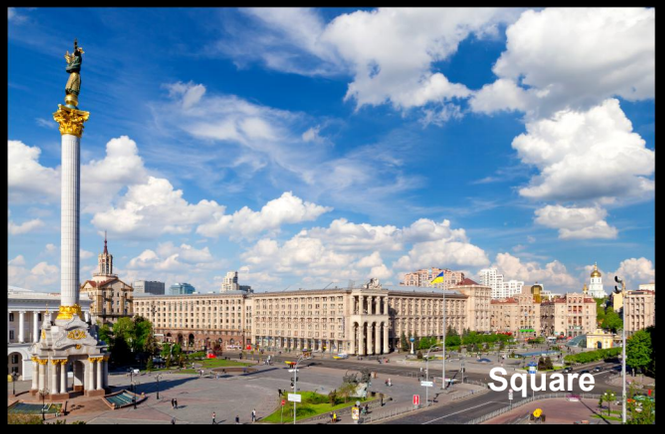
CARTON

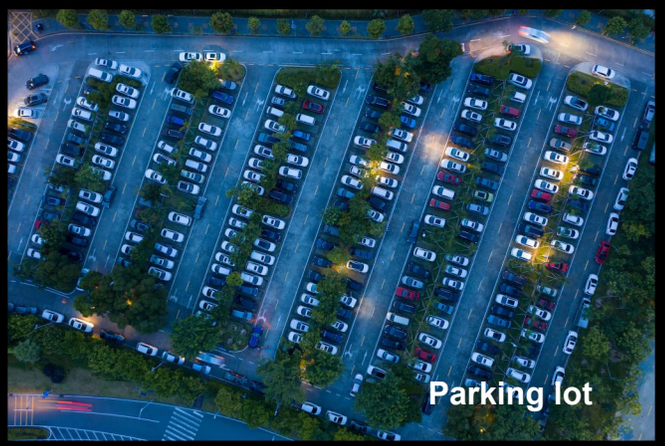
STEP 1 STEP 2 STEP 3 STEP 4

MODEL NO.	PACKING METHOD	PCS/CTN	QTY(PCS)	CTN QTY	CARTON SIZE(MM)	N.W.(KG)	G.W.(KG)
SSL-68 / 610 / 612 / 615 BRACKET	INNER BOX	1	1	1	230*90*140	1.22	1.31
	CARTON	8	8	1	477*380*160	10	11.4

Net weight and gross weight are for reference only

More applications





S / O / L / A / R / L / I / G / H / T
NATEN
Solar & LED Lighting
THANKS
VERY
MUCH
+65C°
-20C°