



CHALLENGER

ALL IN ONE
SOLAR FLOOD LIGHT



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Product specifications



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From spotlight to floodlight, strong adaptability to the scene

Manually adjust the beam angle according to the needs of the scene



Small Angle

illuminate pillars, crafts,
still life, signs, etc



Middle Angle

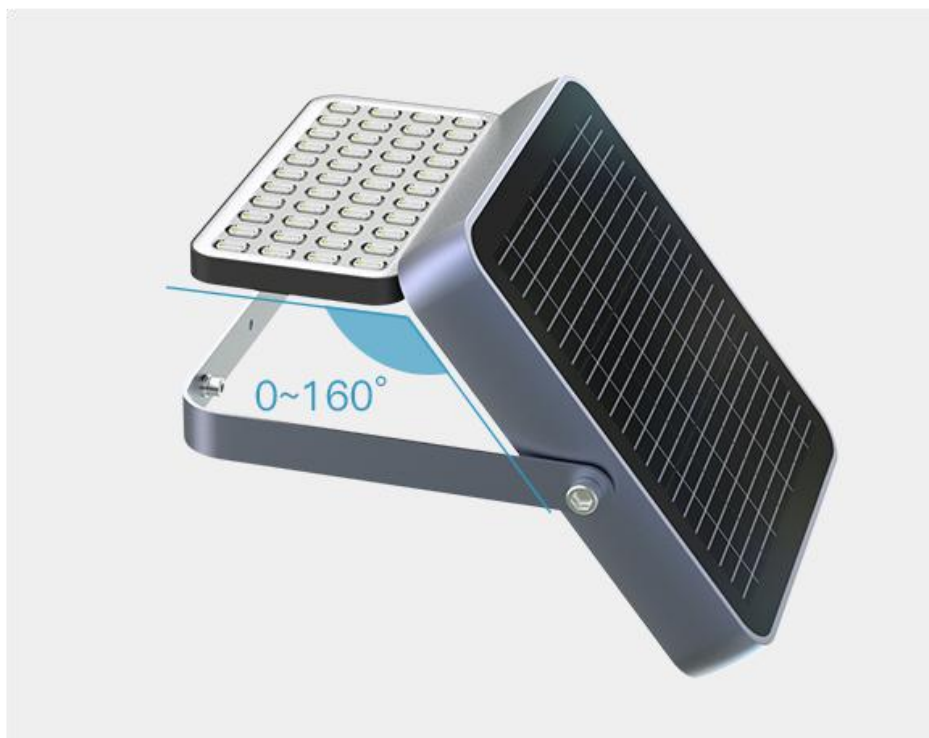
background wall
washing effect



Large Angle

high lighting, etc





Adjustable
angle of lamp
panel: 0–160°

Adjustable
angle of solar
panel: 0–180°





Mainly Installation



○ Billboard light



○ Area Light



○ on the ground



○ On flagpole

other Optional installation



○ insert ground



○ Wall mount



○ Double head



○ Emergency hang

Item : SWL-23

Light Brightness	1500 Lumens (Equal to 45W Energy saving Lamp / 150W Incandescent lamp)
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Solar panel

Power	Monocrystalline , 7W
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Li-ion battery

Capacity	3.7V / 10000mAH
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Charging/Discharging Temp	0~45°C / -20~60°C
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Charging Time	7H
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LED	2835 60pcs
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Color Temp	5700K , Ra 80+
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Efficiency	190lm/W
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UV LED	-
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Performance

Lighting Time in Rainyday	>10 days
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Control Mode	Button Switch , ON/OFF Long Press 1.5s
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Lighting Mode	M1: 100% (5H) +20% Till dawn M2: 60% Till dawn M3: 20%+ PIR Till dawn
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Mode Indication	-
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Capacity Indication	-
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PIR	Yes
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Core technology	ALS 2.5 / TCS 3.0
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Solar Panel Autoclean	-
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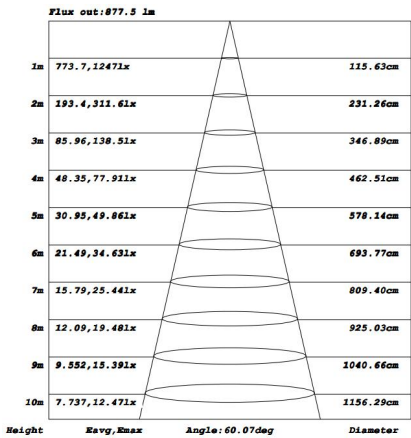
IP/IK Class	IP65
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Types of Lighting	120°
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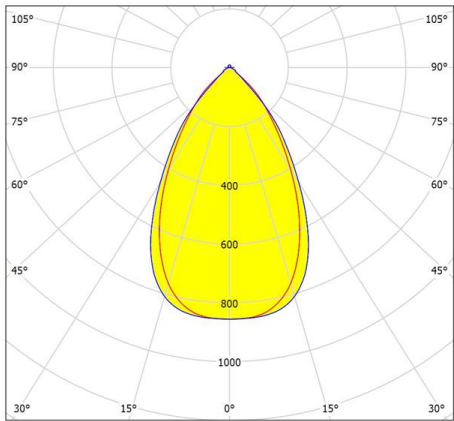


SWL-23-60D

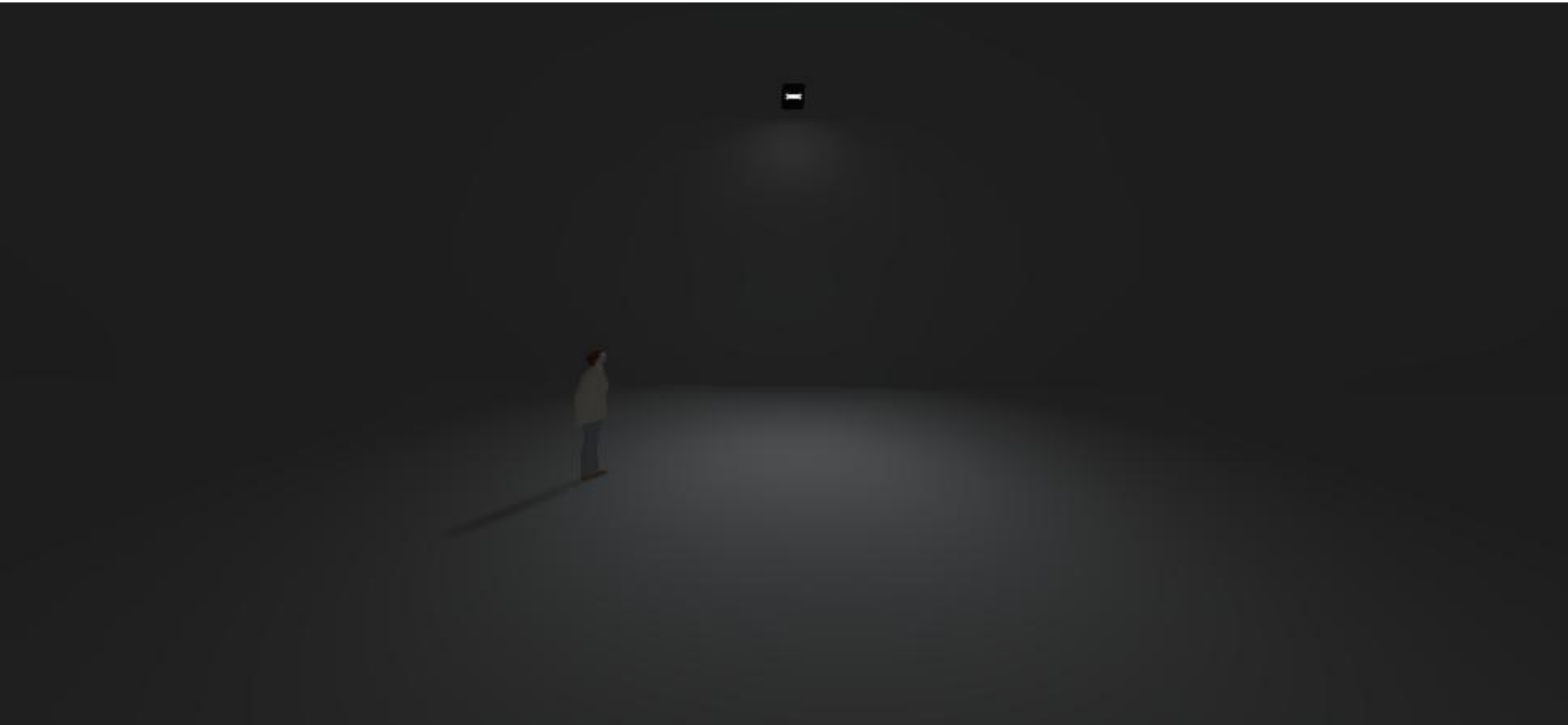
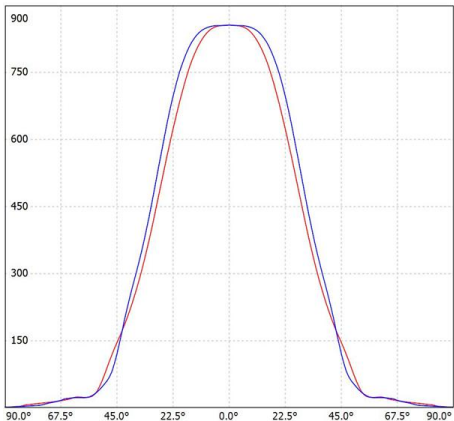
Road Simulated Diagram



Illumination Curve



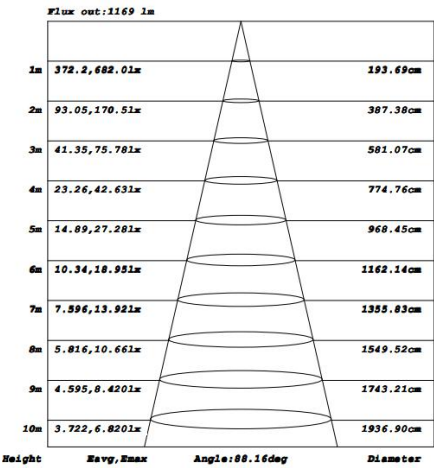
Luminance Distribution



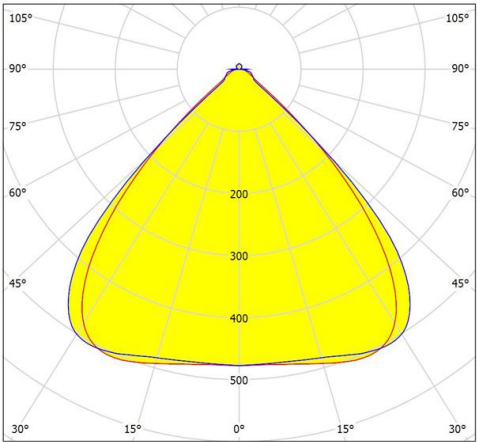


SWL-23-90D

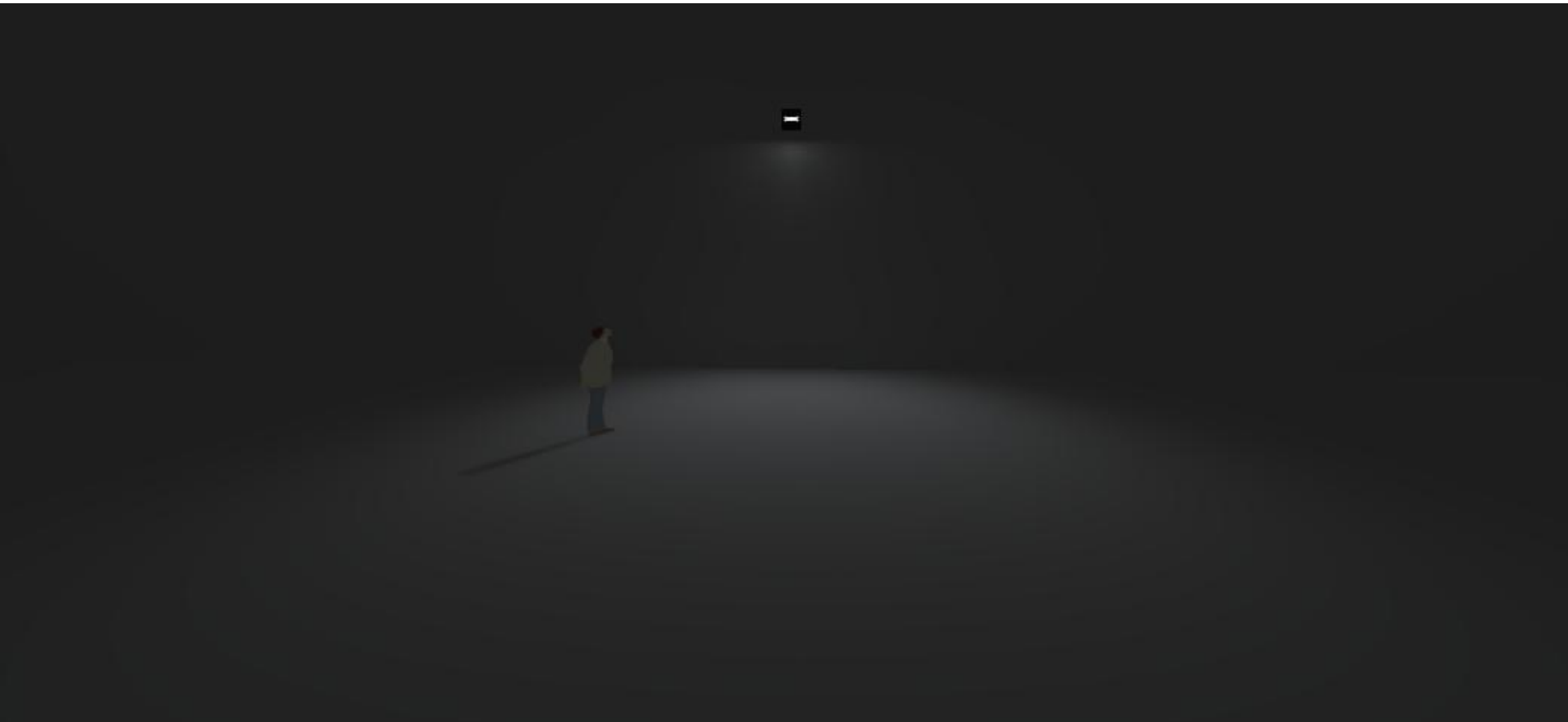
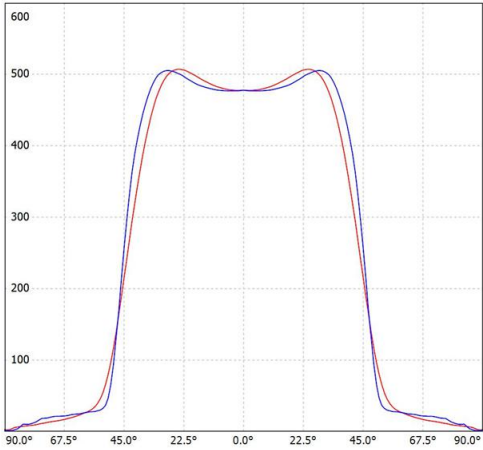
Road Simulated Diagram



Illumination Curve



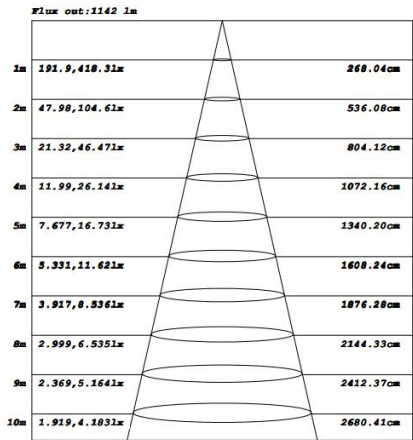
Luminance Distribution



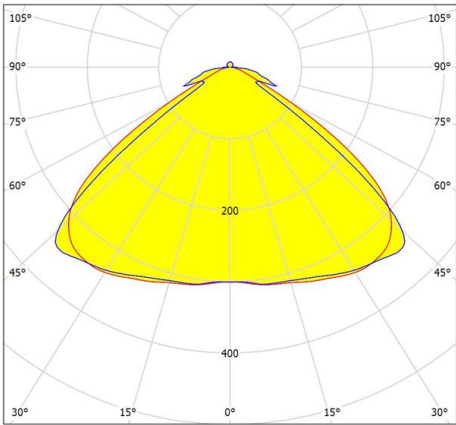


SWL-23-120D

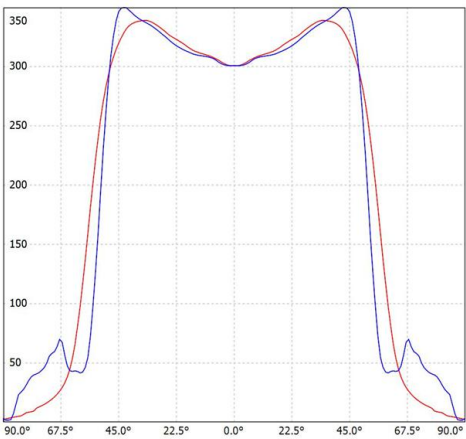
Road Simulated Diagram

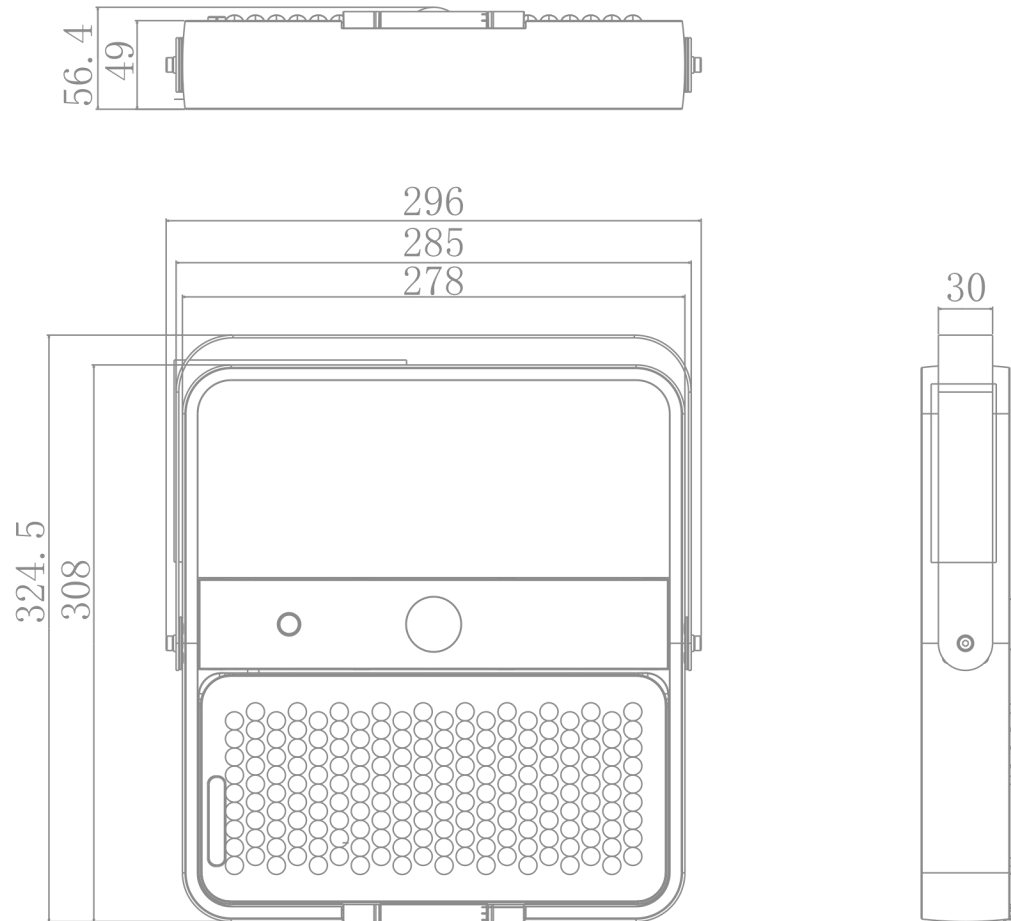


Illumination Curve



Luminance Distribution





Detail Benefits



Monocrystalline >21%



Bracket



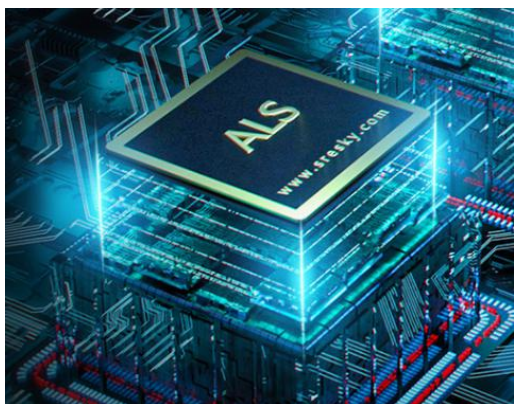
High lumen LEDs 190lm/W



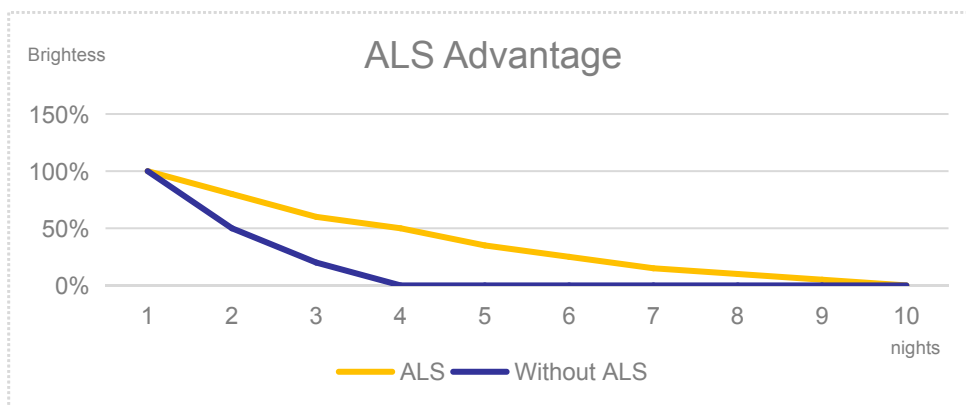
PIR /
Switch



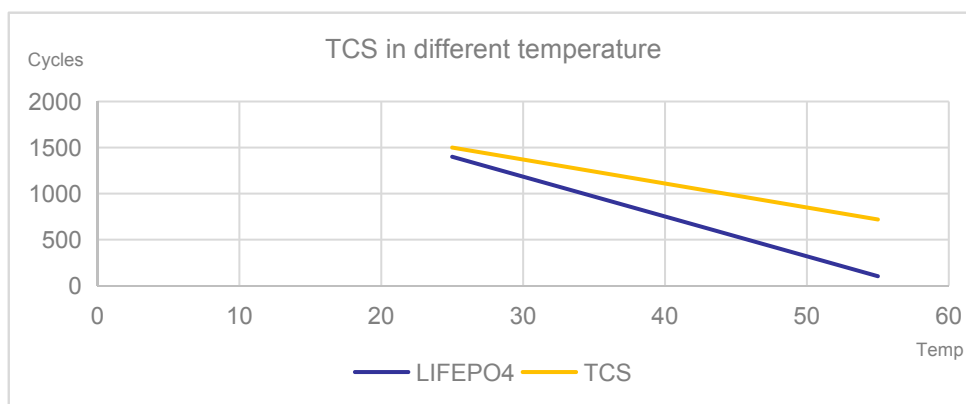
A Great Company should always pay the highest attention to the every detail design , and the craftsmanship spirit should be filled in the whole design process and mass production.



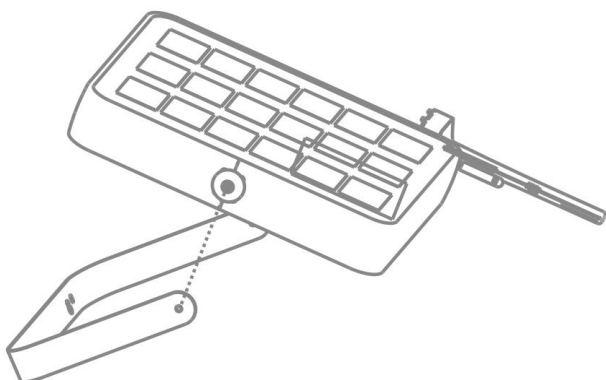
ADVANTAGE OF ALS



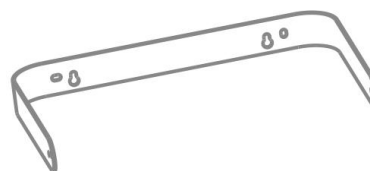
ADVANTAGE OF TCS



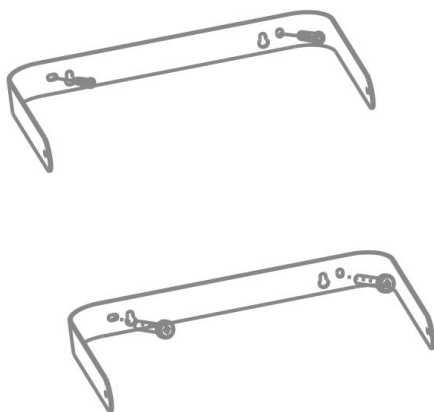
- 1 Take off the bracket



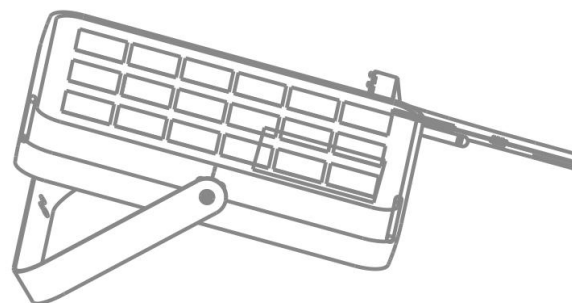
- 2 Bracket hole positioning

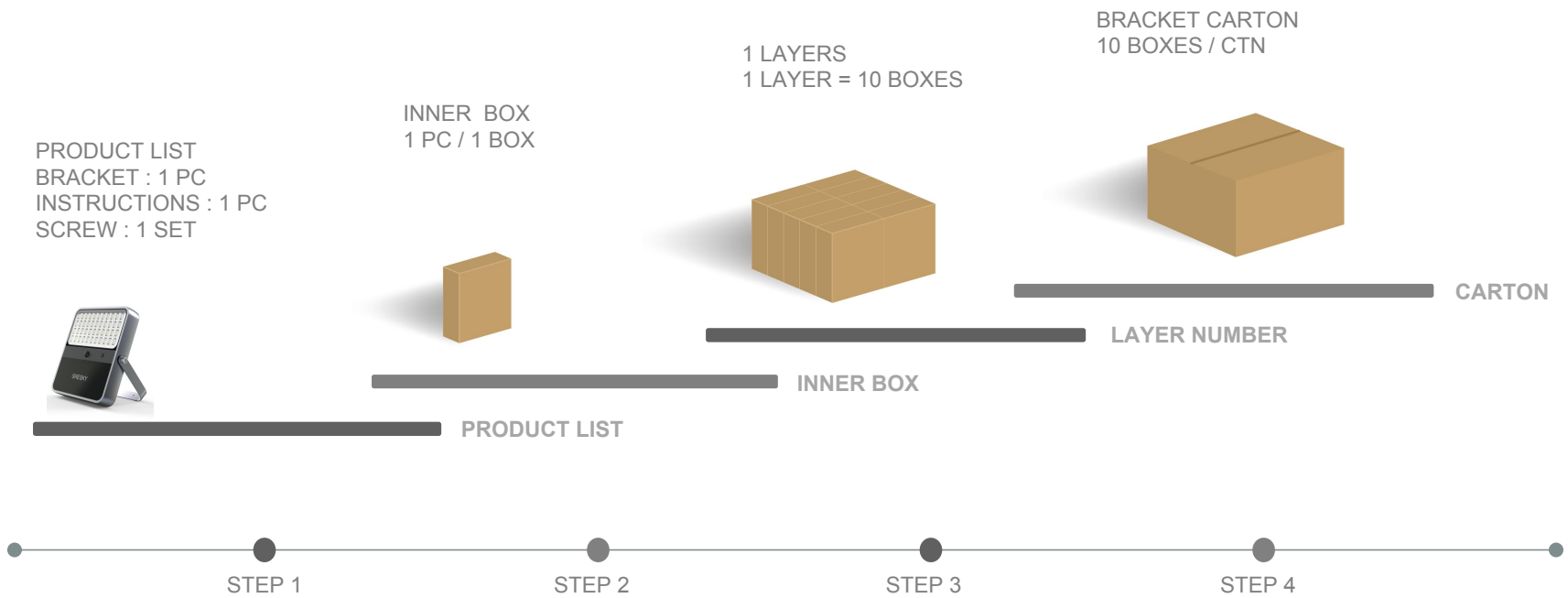


- 3 Install plastic expansion column;
lock bracket



- 4 Adjust the angle and connect with the bracket





MODEL NO.	PACKING METHOD	PCS/ CTN	QTY (PCS)	CTN QTY	CARTON SIZE(MM)	N.W. (KG)	G.W. (KG)	Carton quantites of 20" GP	Carton quantites of 40" HQ
SWL-23	INNER BOX	1	1	1	306x84x342			/	/
	CARTON	10	10	1	637x450x367			2700 set	5580 set

Net weight and gross weight are for reference only



CAMPBELLTOWN MEMORIAL OVAL

THANKS
VERY
MUCH