



**SHINING  
STAR**



**PROFESSIONAL  
LIGHTING FOR  
VARIOUS  
OUTDOOR  
BILLBOARDS**

**CHALLENGER**  
ALL IN ONE  
SOLAR FLOOD LIGHT



# INTRODUCTION

Product specifications

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# From spotlight to floodlight, strong adaptability to the scene

—  
To adjust the lighting area by the rotation axis of  $60^{\circ}/90^{\circ}/120^{\circ}$  angle



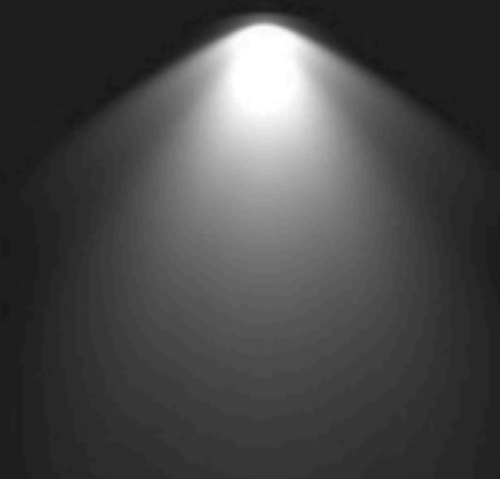
## Small Angle

illuminate pillars, crafts,  
still life, signs, etc



## Middle Angle

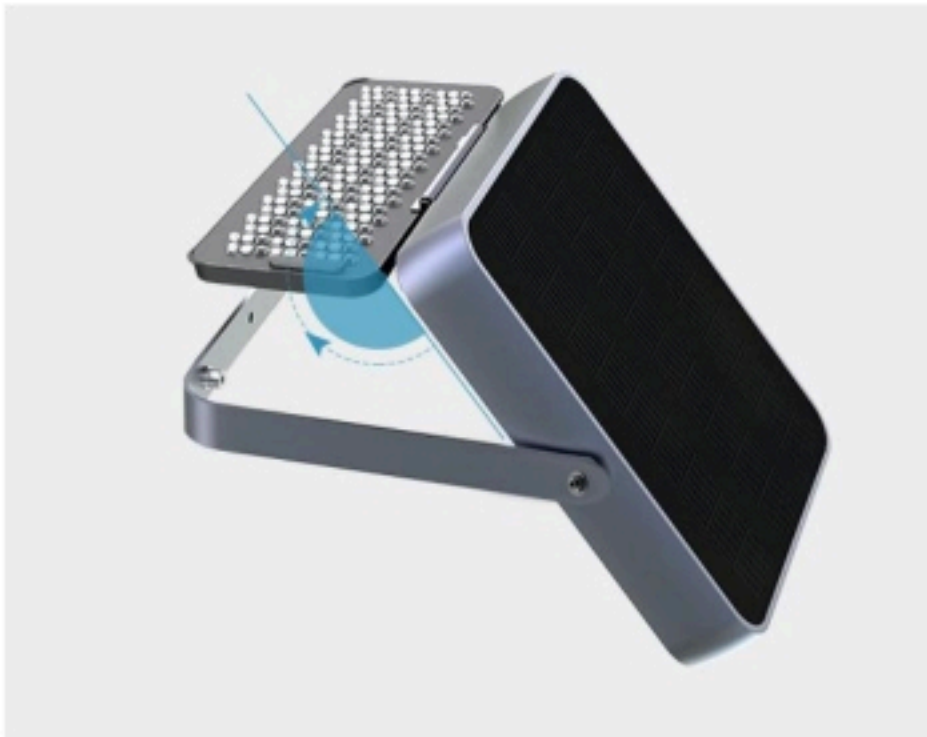
background wall washing effect



## Large Angle

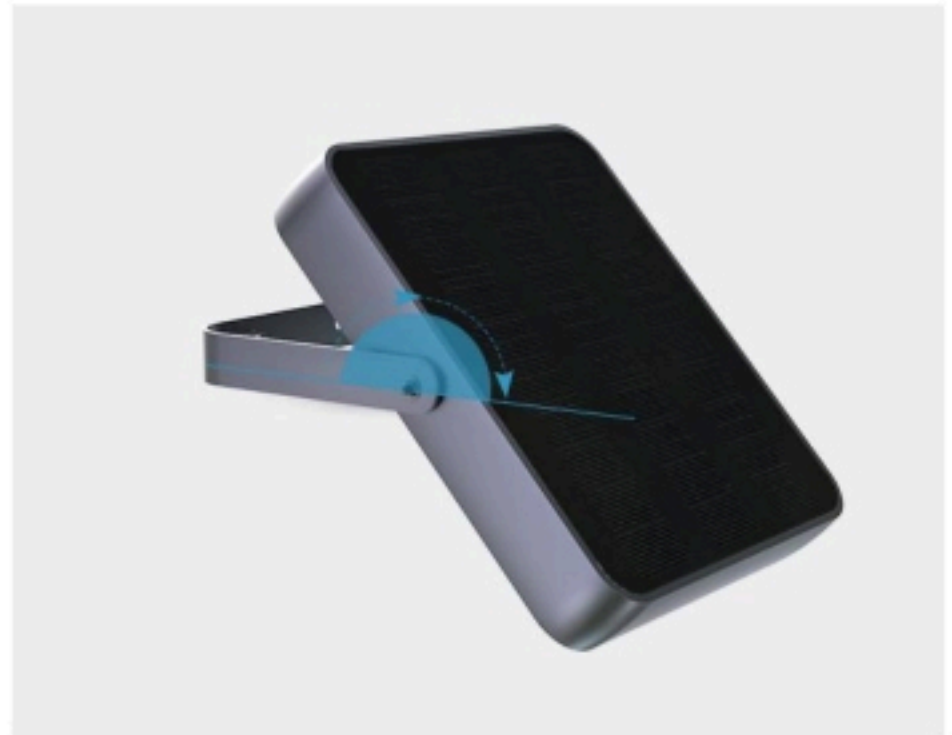
high lighting, etc





Adjustable  
angle of lamp  
panel: 0–180°

Adjustable  
angle of solar  
panel: 0–180°



Can support 100% high-brightness lighting all night,  
and super long lighting time

—



## Multiple installation methods



- Insert ground



- On the ground



- On the wall



- Wall mount



- On flagpole



- Emergency hang



- Single head

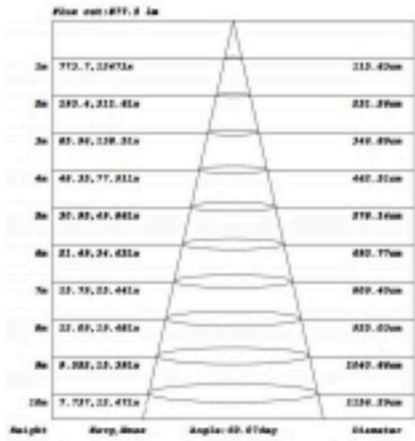


- Double head

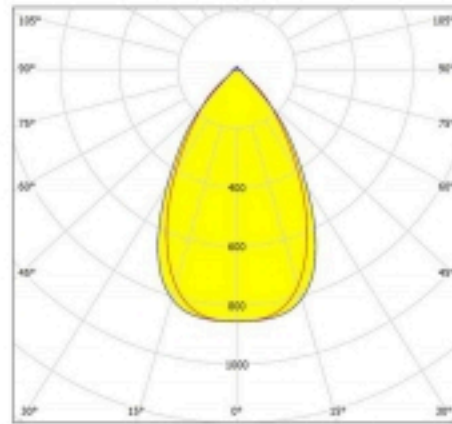
<b>Item: SWL-23</b>	
Light Brightness	1500 Lumens ( Equal to 45W Energy saving Lamp / 150W Incandescent lamp )
<b>Solar panel</b>	
Power	Poly-crystalline, 5V/ 7W
<b>Li-ion battery</b>	
Capacity	3.7V / 10000mAH
Charging/Discharging Temp	0~45°C / -20~60°C
Charging Time	7.1H
LED	2835 60pcs
Color Temp	5700K, Ra 80+
Efficiency	190lm/W
<b>Performance</b>	
Lighting Time in Rainyday	>10 days
Control Mode	Button Switch, ON/OFF Long Press 1.5s
Lighting Mode(Remote Control)	M1: 100% (5H) +20% Till dawn M2: 60% Till dawn M3: 20%+ PIR Till dawn T : 100% (2H) +back to previous mode
Mode Indication	M1: Blink one time M2: Blink two time M3: Blink three time T : Blink four time
Capacity Indication	-
PIR	Yes
Core technology	ALS2.5
Solar Panel Autoclean	-
IP	IP65
Types of Lighting	120°

# SWL-23-60D

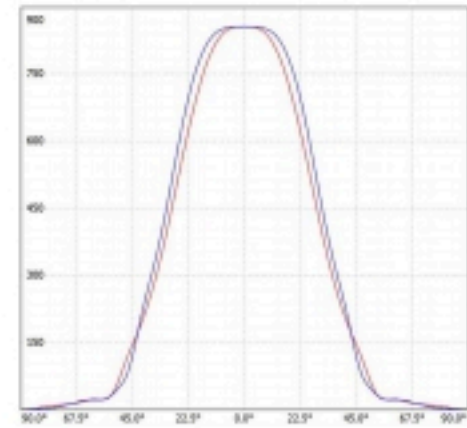
Road Simulated Diagram



Illumination Curve



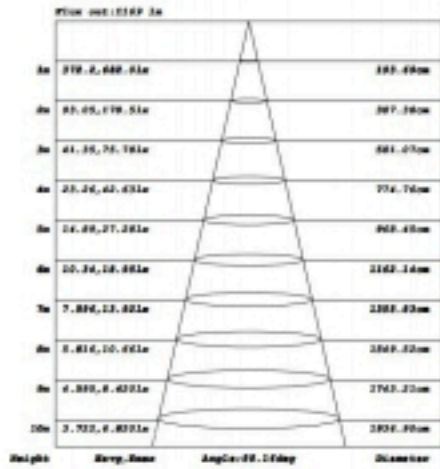
Luminance Distribution



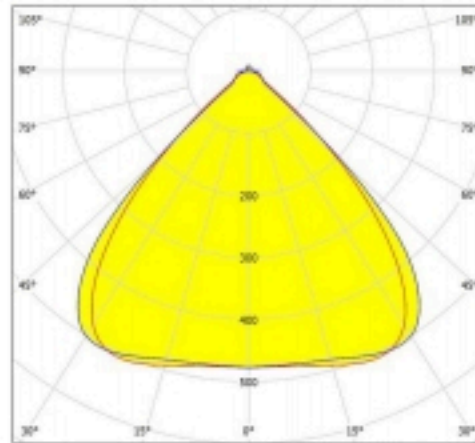


# SWL-23-90D

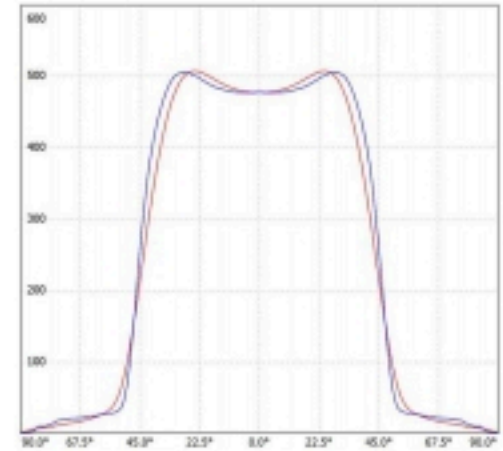
Road Simulated Diagram



Illumination Curve

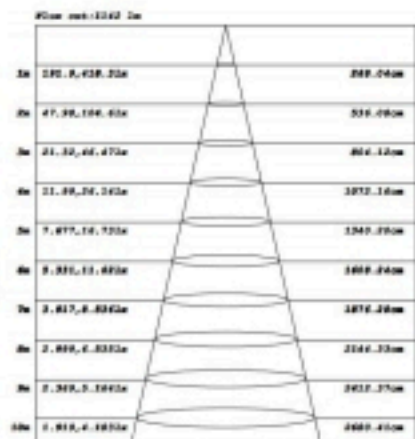


Luminance Distribution

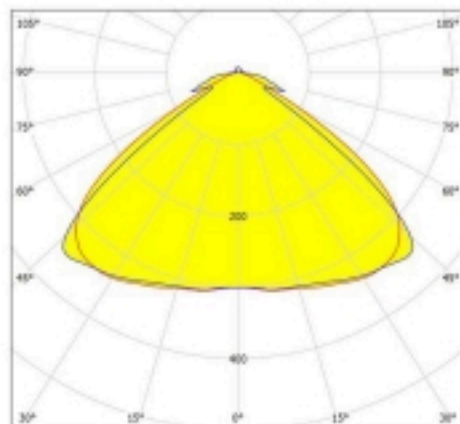


# SWL-23-120D

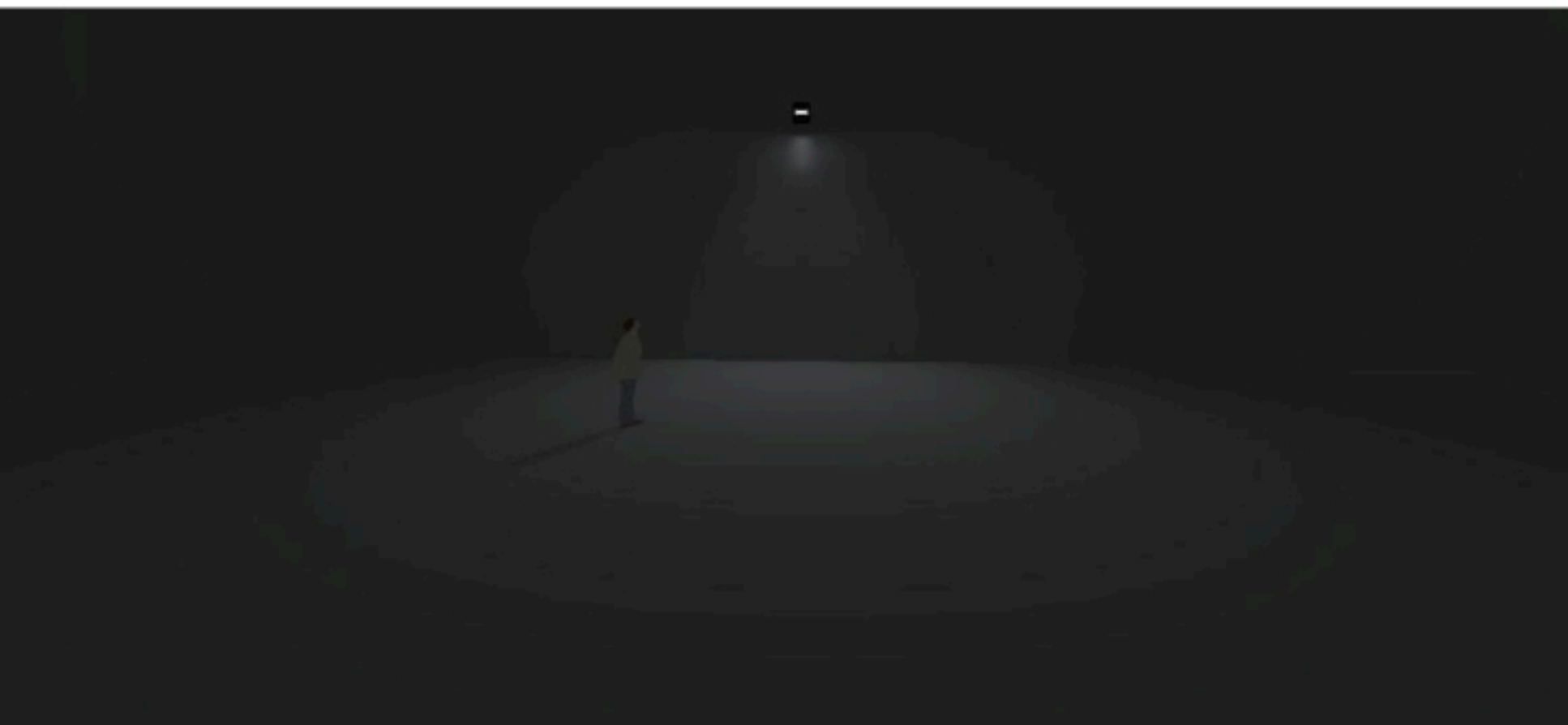
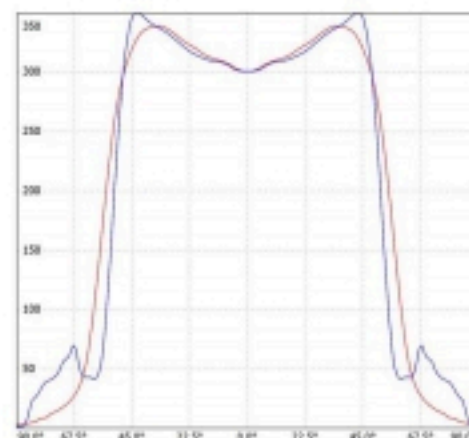
Road Simulated Diagram



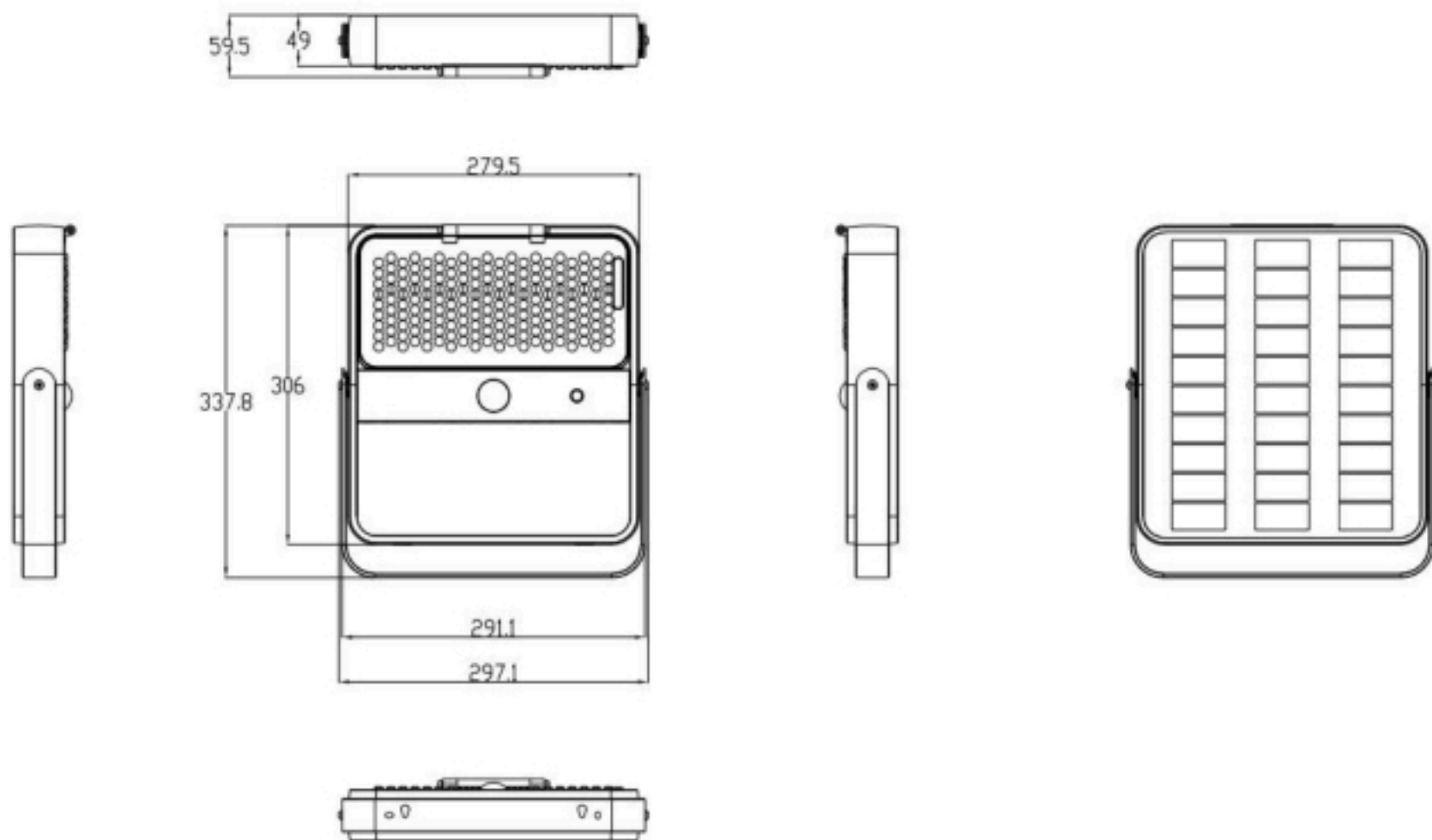
Illumination Curve



Luminance Distribution



SOLAR LIGHT I DIMENTION FIGURE





Remote control distance 8m,  
6-key adjustable mode.



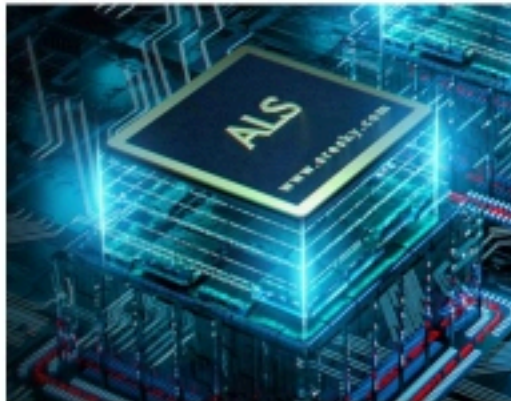
Working temperature range:  
-20~+60°C



Material: Aluminum + PC +  
Tempered Glass



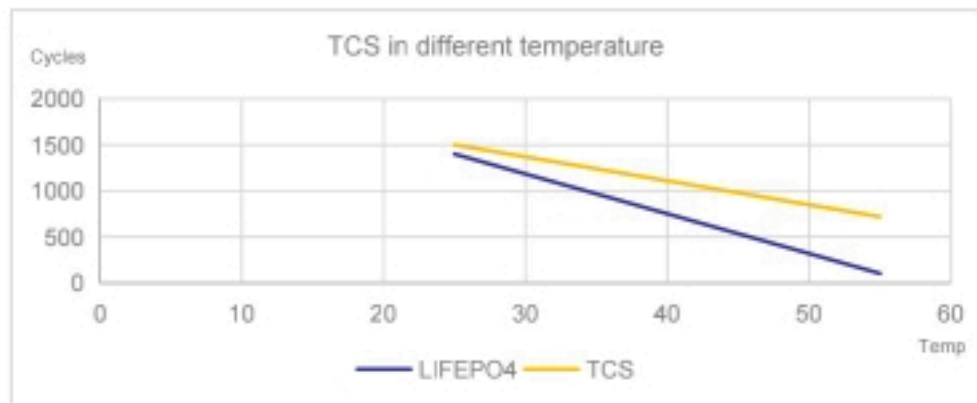
Black PIR is more anti-interference,  
anti-false alarm



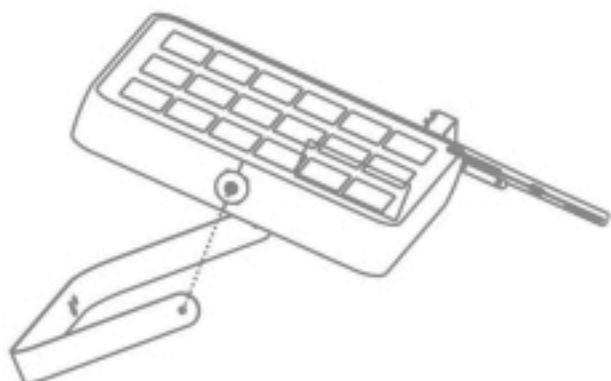
ADVANTAGE OF ALS



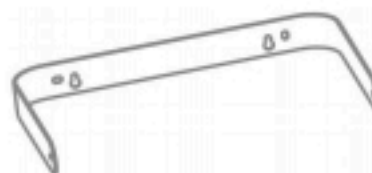
ADVANTAGE OF TCS



- 1 Take off the bracket



- 2 Bracket hole positioning

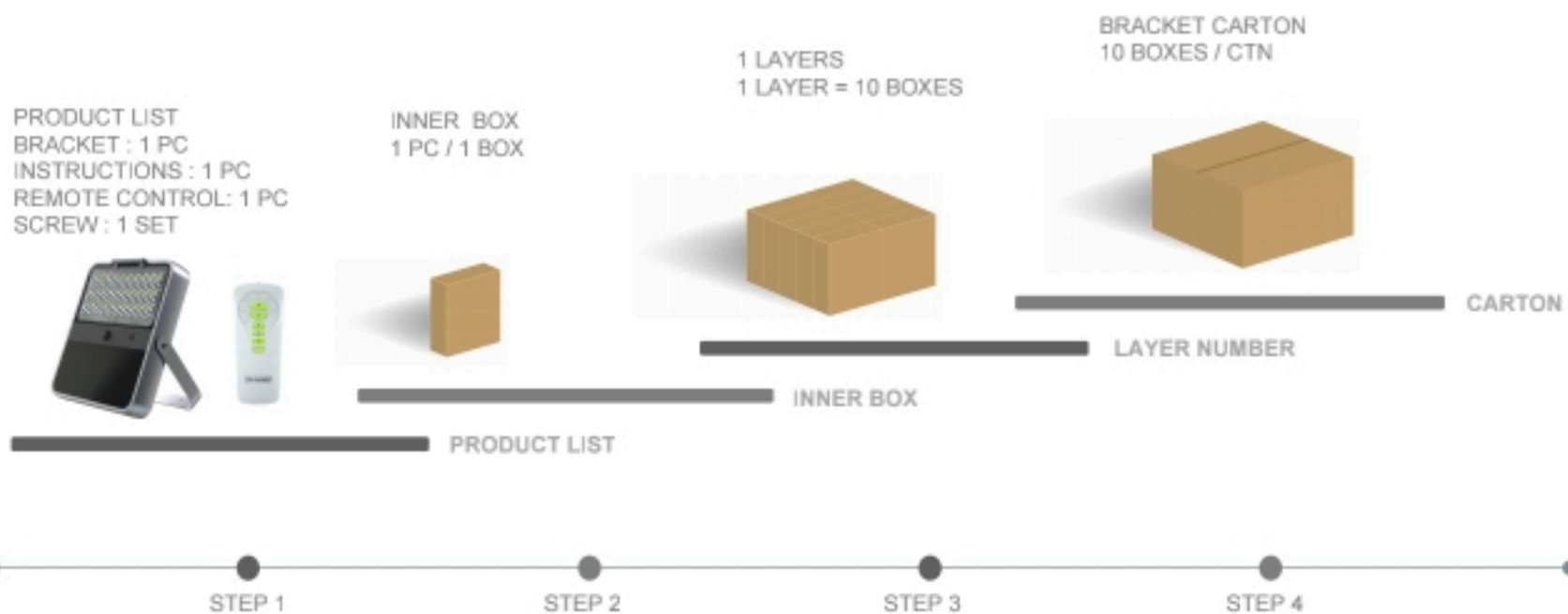


- 3 Install plastic expansion column; lock bracket



- 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 quantities of 20" GP	Carton quantities of 40" HQ
SWL-23	INNER BOX	1	1	1	306x84x342	2.3	2.6	/	/
	CARTON	5	5	1	637x450x367	23	27	2700 set	5580 set

Net weight and gross weight are for reference only

S / O / L / A / R / L / I / G / H / T

CAMPBELLTOWN  
MEMORIAL  
OVAL

THANKS  
VERY  
MUCH