



Avant series

SOLAR BOLLARD LIGHT
SOLAR LANDSCAPE LIGHT
SOLAR WALL MOUNT



INTRODUCTION

Product specifications



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APPLICATION



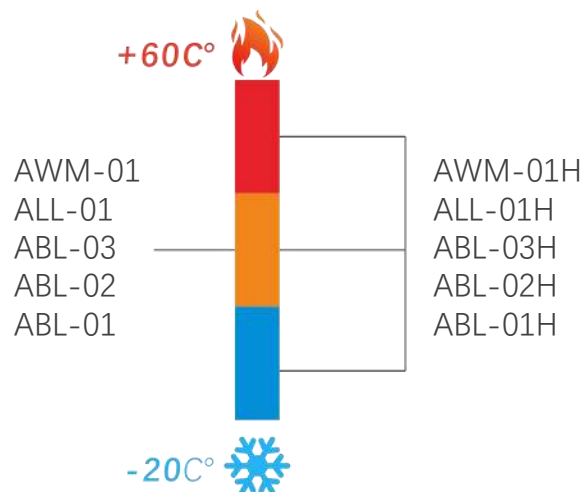
-10°C



55°C



40°C



Available in Both High and Low Latitude

AWM-01/ALL-01/ABL-03/ABL-02/ABL-01:

Working Well in 0°C ~ +45°C

AWM-01H/ALL-01H/ABL-03H/ABL-02H/ABL-01H:

Battery Protection for Light Working Well in -20°C ~ +60°C 3



360° Sunlight Auto-tracking

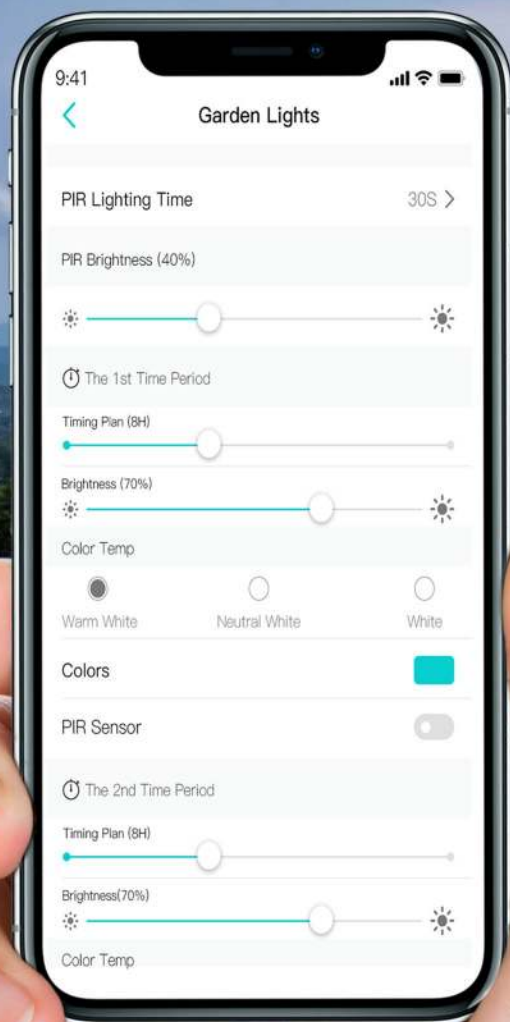
—
Self-adaptive solar panel. Charging efficiency
increased by 30%
Available on high and low altitude areas





Bluetooth Mesh & APP Control

One step to realize networking and lighting effect.





C4H Anti-corrosion

—
Applicate in high Salt fog and humidity environment



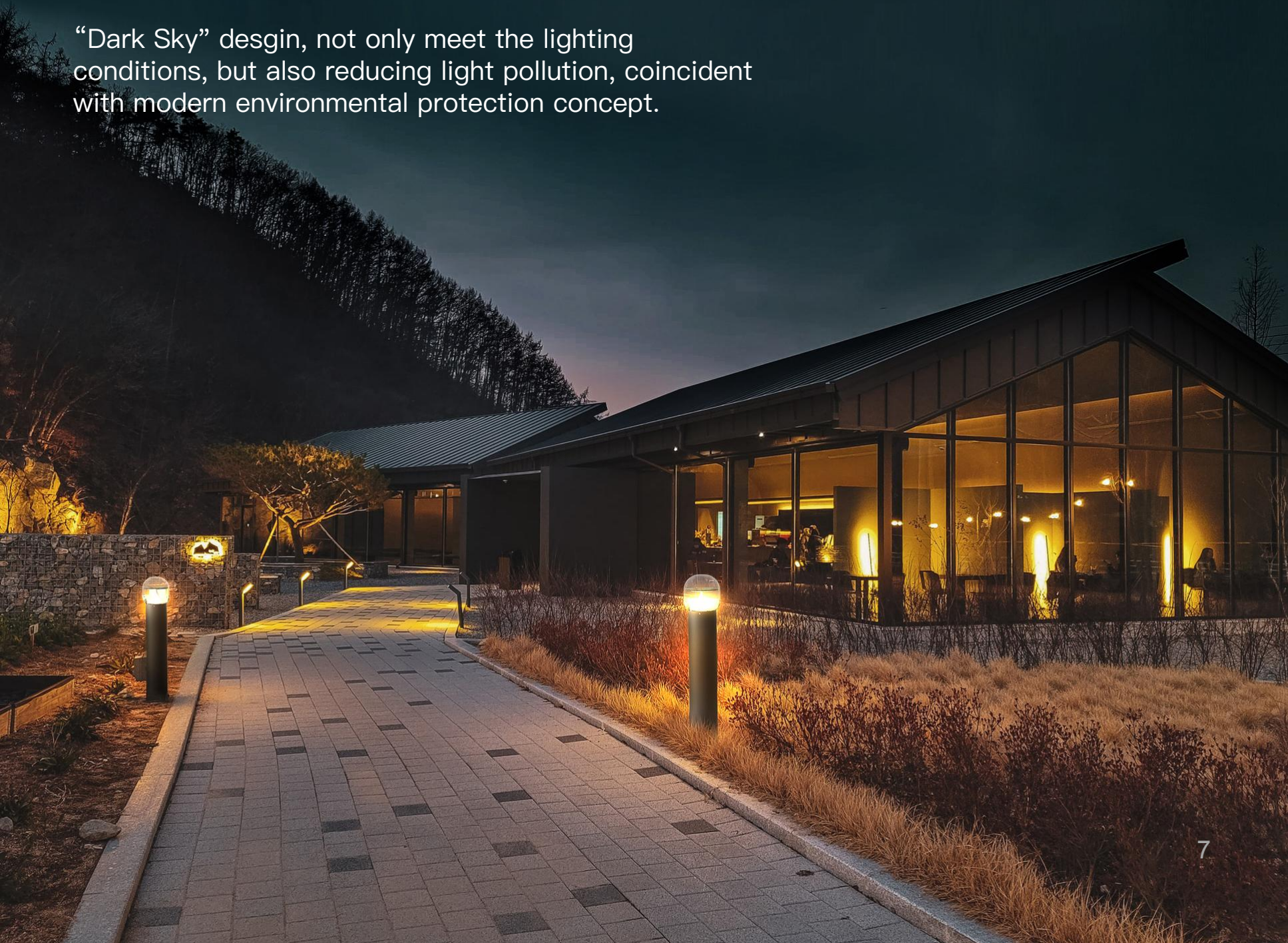
— Material After 1000hrs of Salt Spray Test.





Stars once more in the night sky

“Dark Sky” design, not only meet the lighting conditions, but also reducing light pollution, coincident with modern environmental protection concept.





The highest level of
explosion-proof IK10

Product Advantage

ALS Technology Guarantees 10 Continuous Working Nights
TCS Technology Ensures Longer Battery Lifespan



Anti-theft screws

Ensure Property Safety.



IP66 waterproof

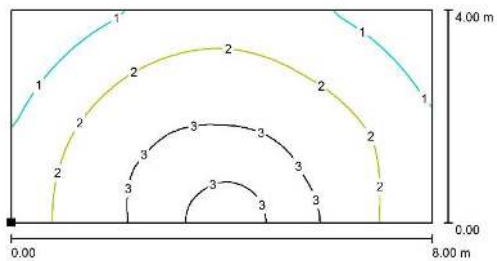


Item : AVANT	ABL-01 (H)	ABL-02 (H)	ABL-03 (H)	ALL-01 (H)	AWM-01 (H)
Light Brightness	300LM	300LM	300LM	300LM	300LM
Solar panel					
Power	2.8W	2.8W	2.8W	2.8W	2.8W
Li-ion battery					
Capacity	3.7V 10AH	3.7V 10AH	3.7V 10AH	3.7V 10AH	3.7V 10AH
Charging/Discharging Temp	0~45℃ / -20~60℃				
Charging Time	15H	15H	15H	15H	15H
LED (OSRAM)	2835 / 20pcs	2835 / 20pcs	2835 / 20pcs	2835 / 20pcs	2835 / 20pcs
Color Temp	2700K RA80	2700K RA80	2700K RA80	2700K RA80	2700K RA80
Efficiency	230lm/W	230lm/W	230lm/W	230lm/W	230lm/W
Performance					
Lighting Time in Rainyday	>10 Days				
Control Mode	Button Switch , ON/OFF Long Press 1.5s				
Lighting Mode	M1 : 300LM 5hrs + 100LM Till dawn / M2: 200LM Till dawn / M3: 100LM Till dawn				
Mode Indication	M1: red light, M2: green light, M3 orange light (press the button to switch between M1 (red) /M2 (green) /M3 (orange); after 5 seconds, the indication mode turn to power mode.				
Capacity Indication	Green : ≥70% ; Orange : 30%~70% ; Red : < 30%				
Networking Type	Bluetooth mesh				
PIR	-				
Core technology	ALS 2.5 / TCS 3.0				
Solar Panel Autoclean	-				
IP/IK Class / Anti-corrosion	IP66 / IK10 / C4H				
IInstall Height / Distance	- / 10m	- / 10m	- / 15m	2.5m / 15m	3m / 15m
Lighting Area	5m	5m	8m	8m	8m

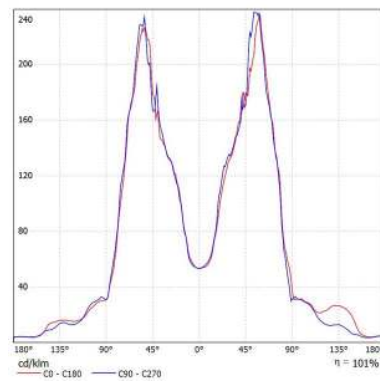


AWM-01 (H)

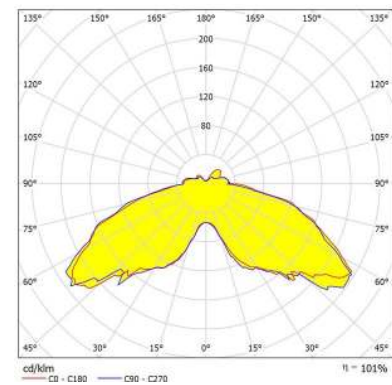
Simulated Diagram



Illumination Curve

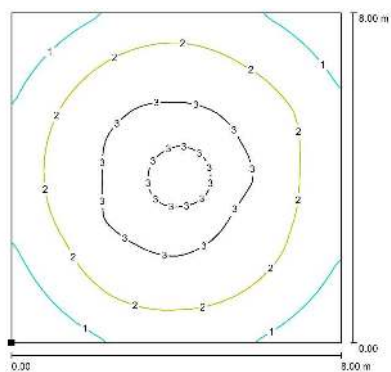


Luminance Distribution

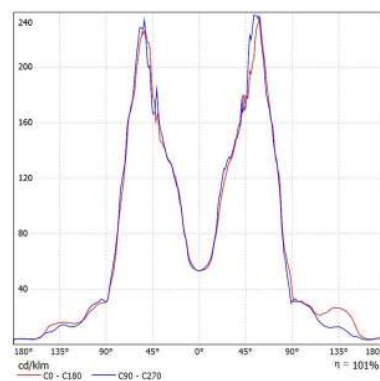


ALL-01 (H)

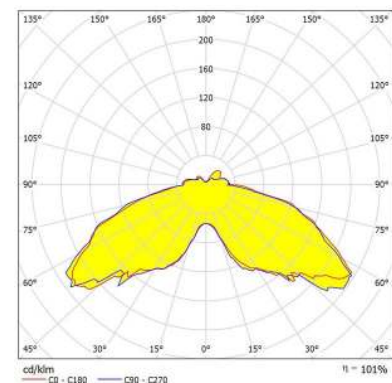
Simulated Diagram



Illumination Curve



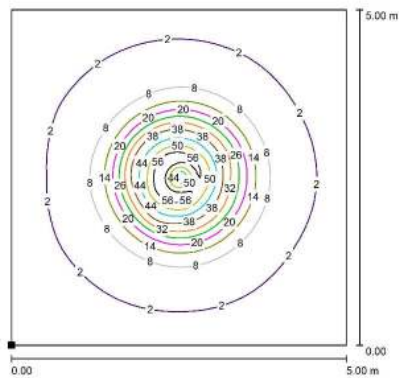
Luminance Distribution



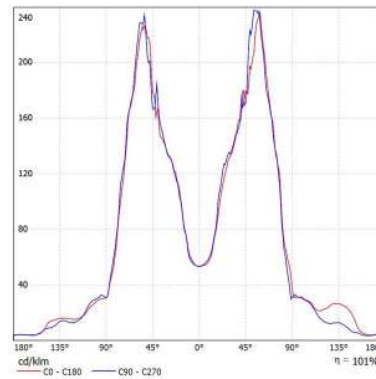


ABL-01 (H)

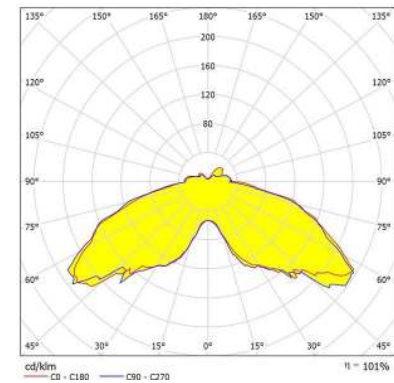
Simulated Diagram



Illumination Curve

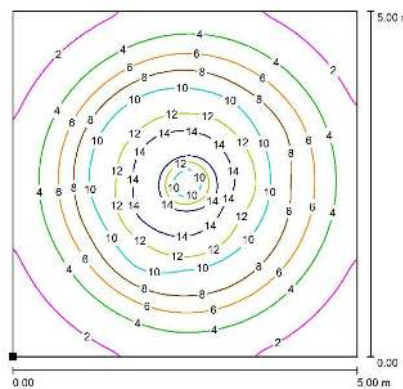


Luminance Distribution

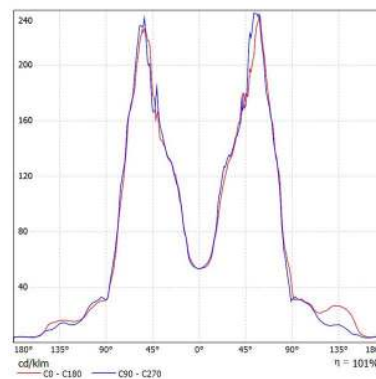


ABL-02 (H)

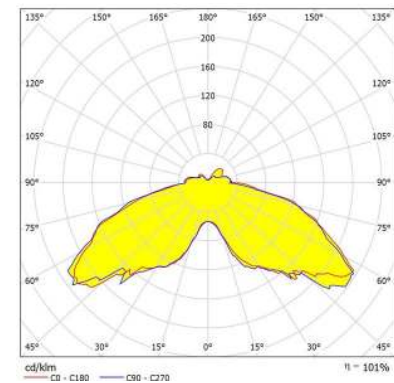
Simulated Diagram



Illumination Curve



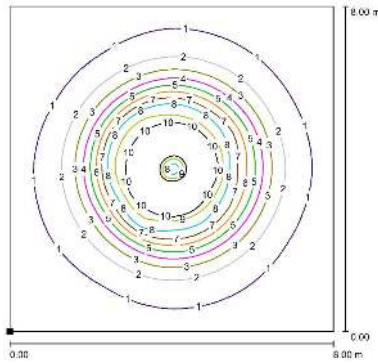
Luminance Distribution



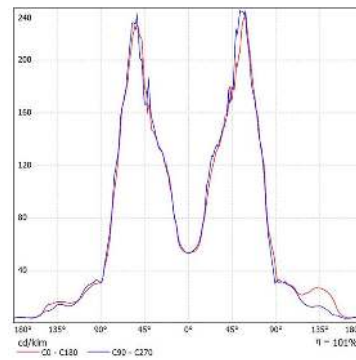


ABL-03 (H)

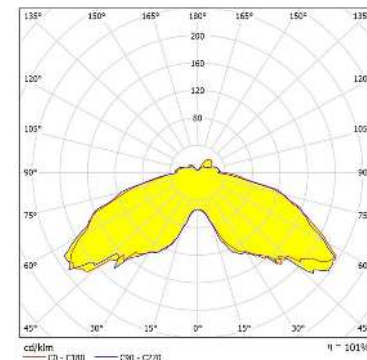
Simulated Diagram

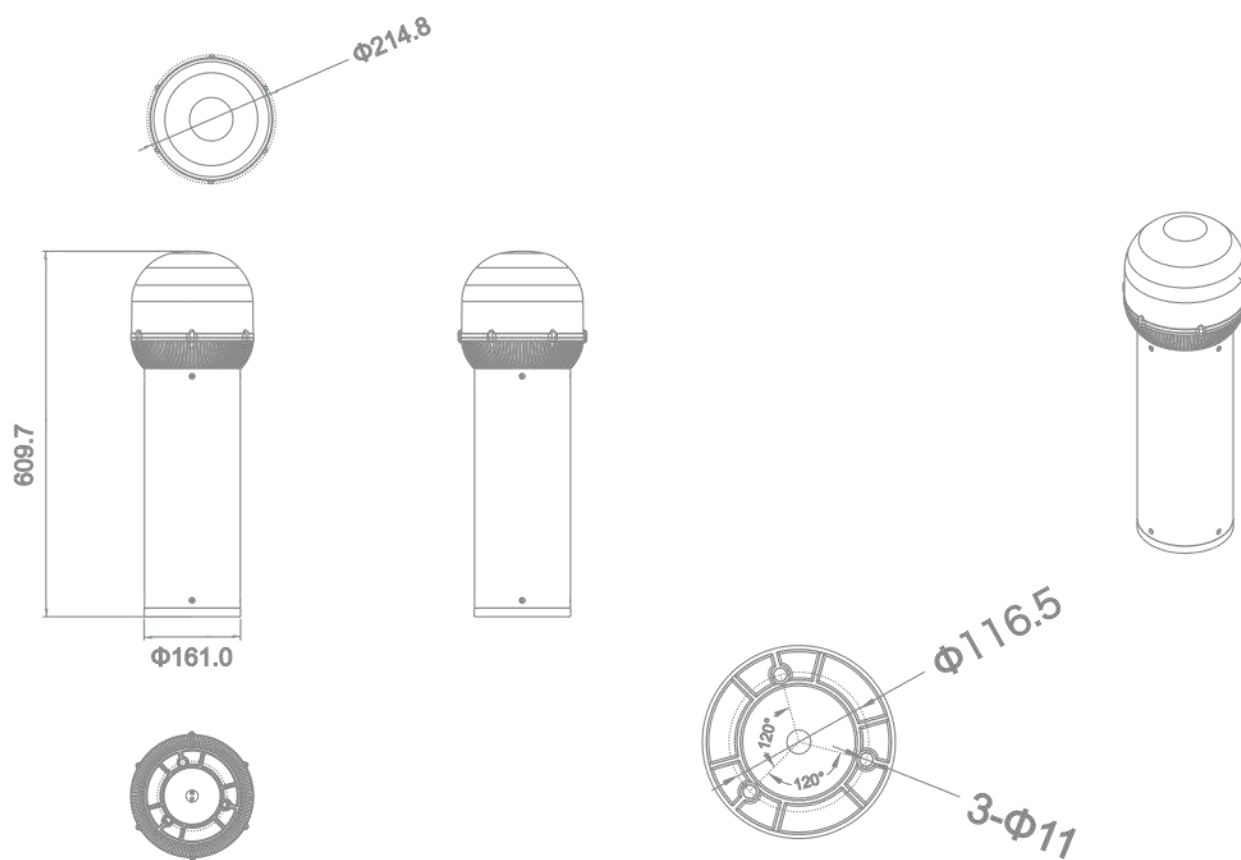


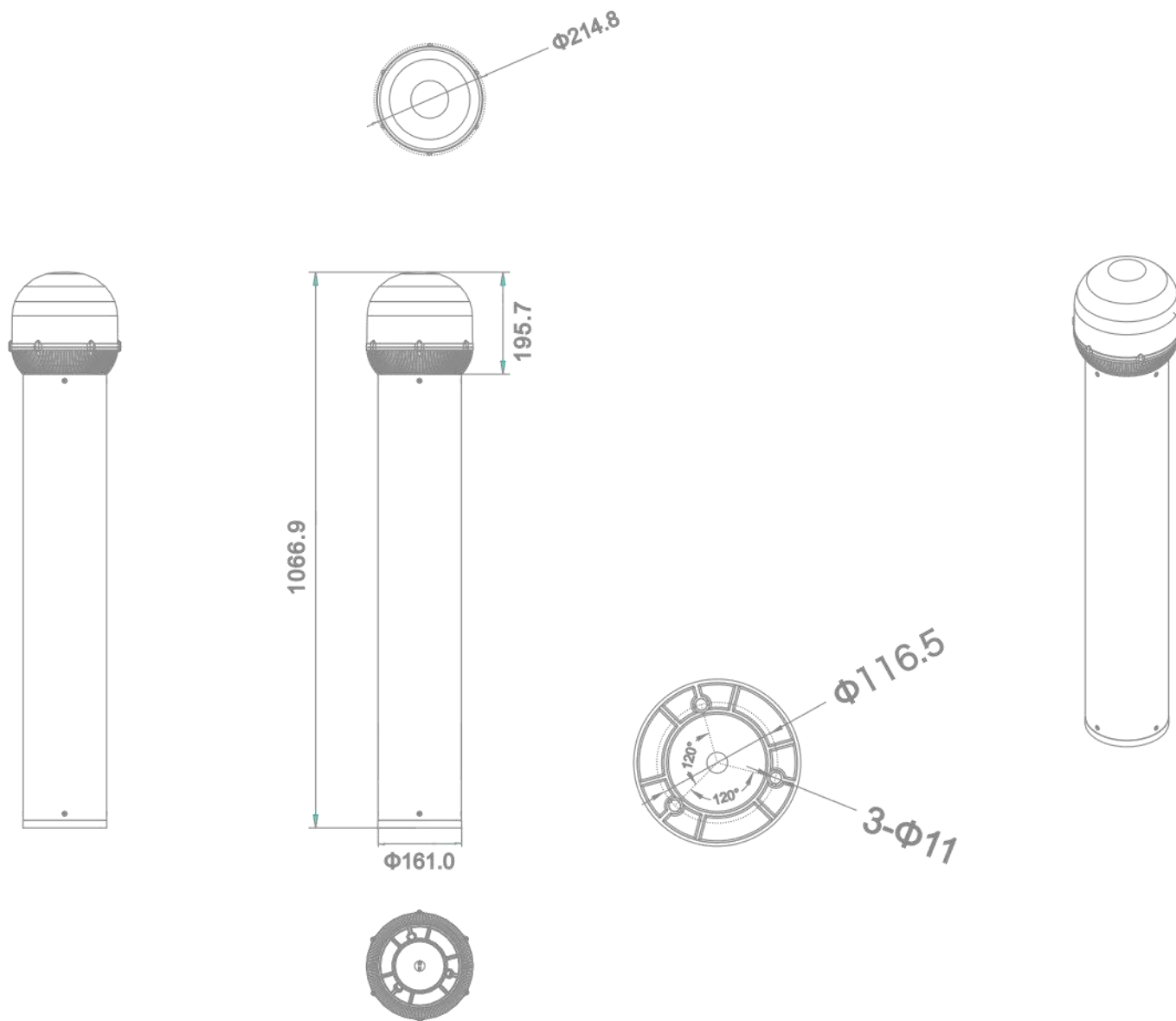
Illumination Curve

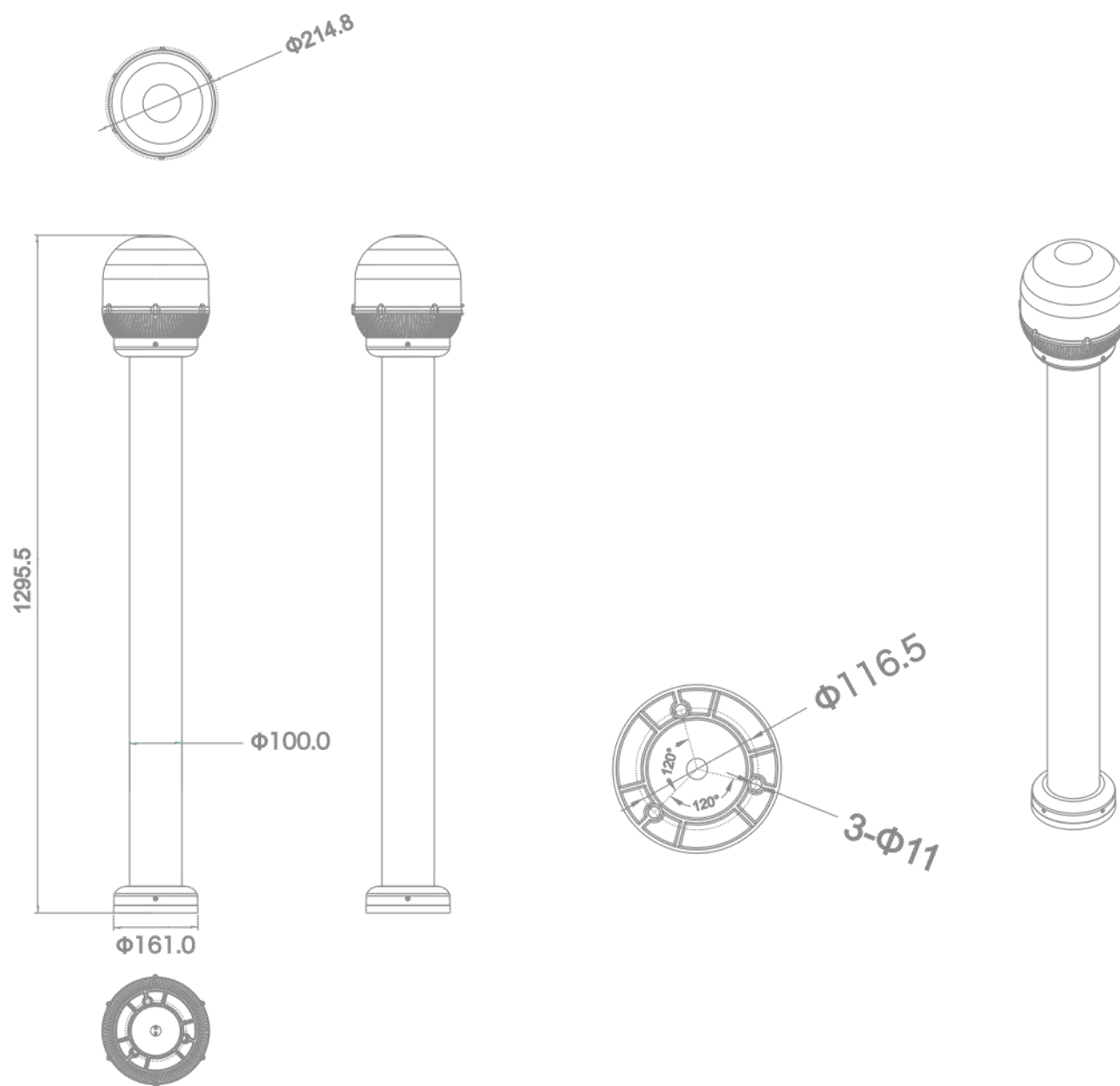


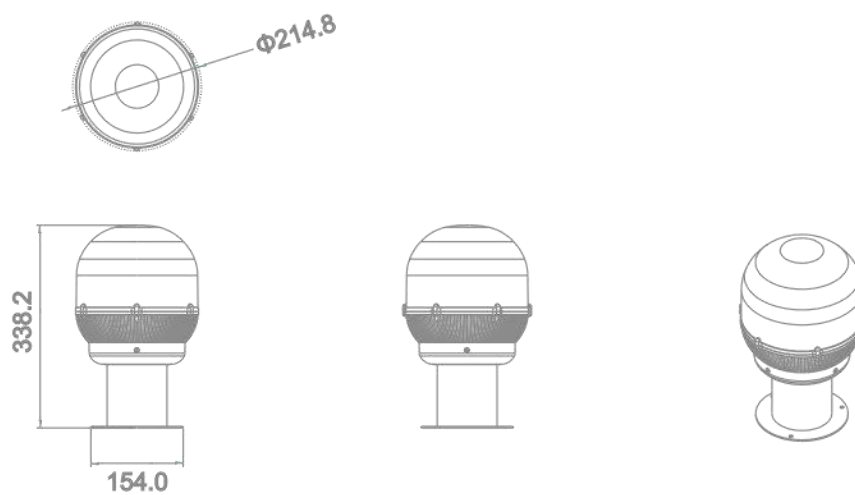
Luminance Distribution

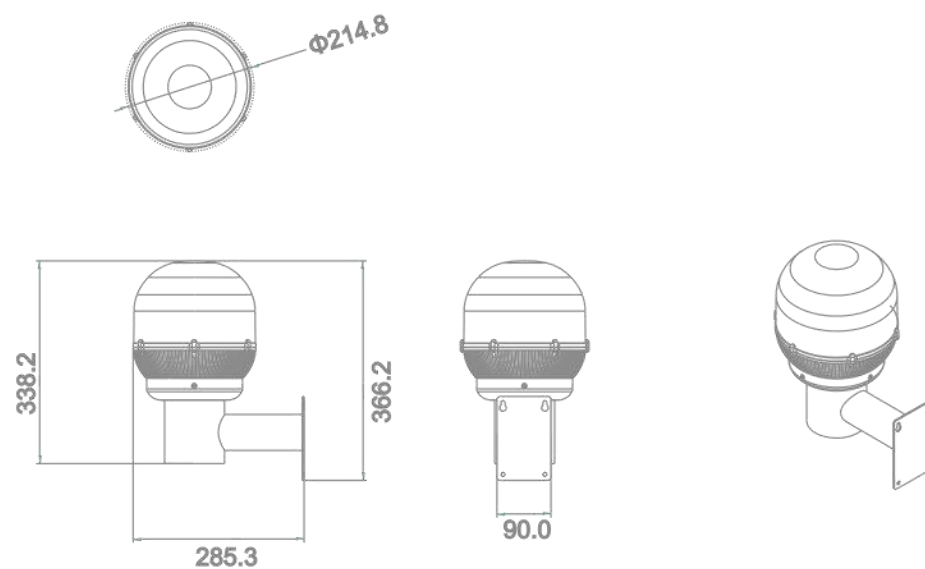














ABL-01 (H)



ABL-02 (H)



ABL-03 (H)



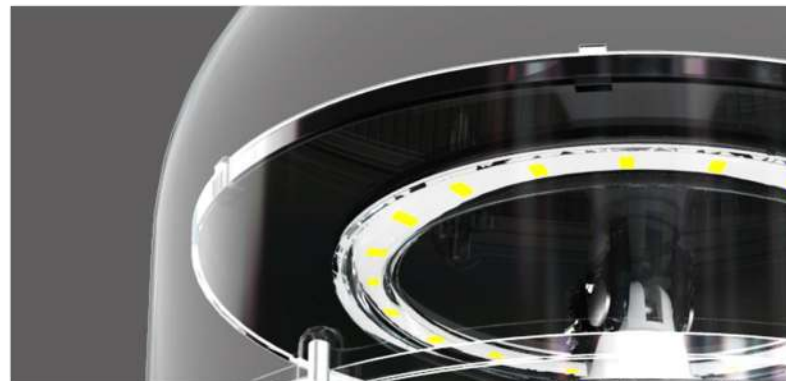
ALL-01 (H)

AWM-01 (H)

Detail Benefits



Monocrystalline >21%



High lumen LEDs 230lm/W



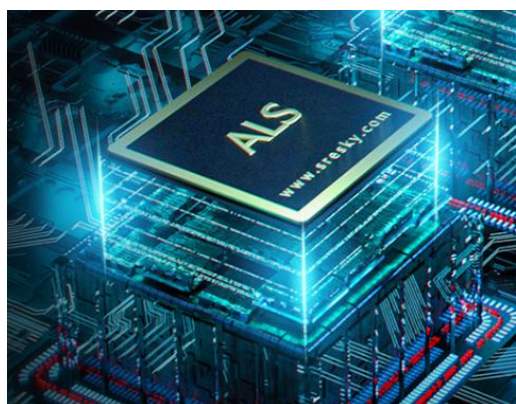
Bracket



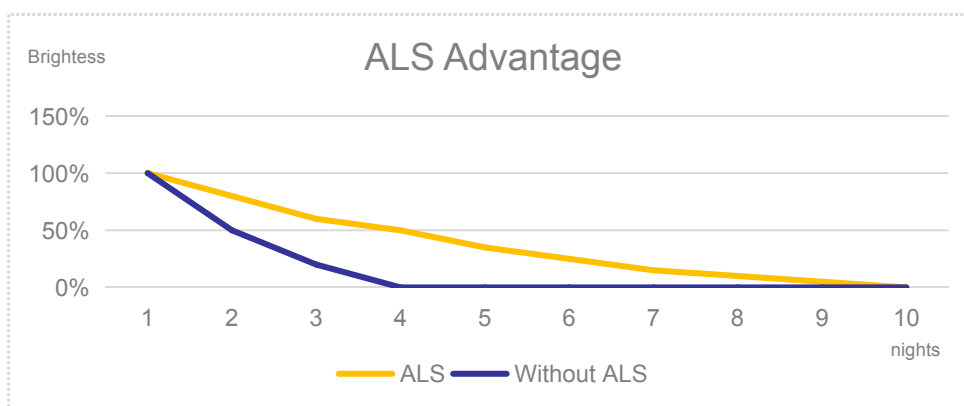
Switch



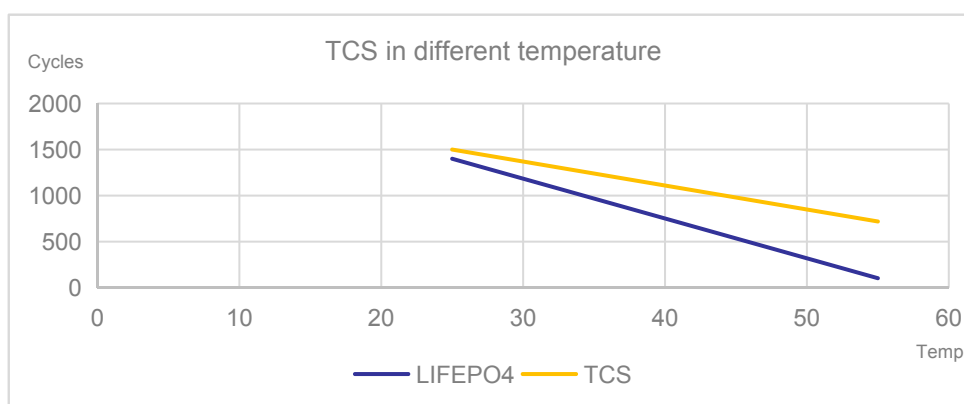
A Great Company should always pay the highest attention to the every detail design , and the craftsmanship spirit should be filled in the whole design process and mass production.



ADVANTAGE OF ALS

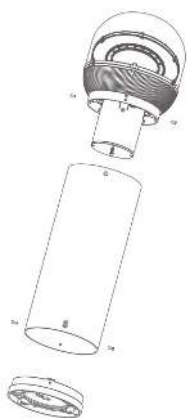


ADVANTAGE OF TCS

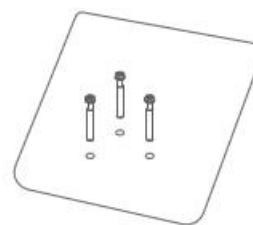




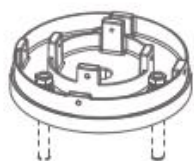
- 1 Please separate lamp head, stay tube from pedestal.



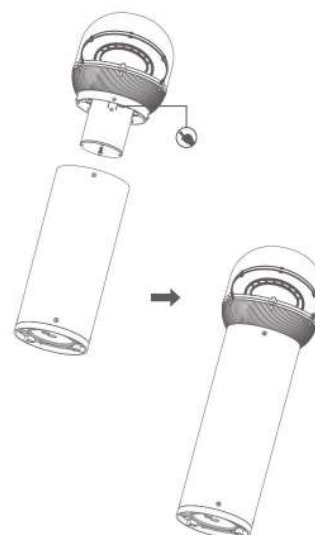
- 2 Installed the screws



- 3 Fixed pedestal



- 4 Fixed the stay tube, turn on the switch and locked each part tightly.

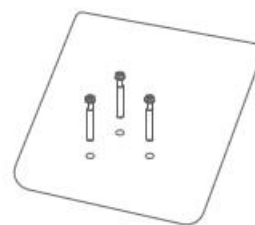




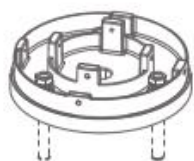
- 1 Please separate lamp head, aluminum ring from stay tube and pedestal.



- 2 Installed the screws



- 3 Fixed pedestal

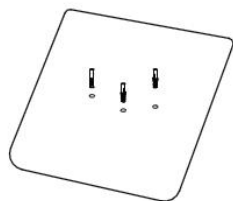


- 4 Fixed into stay tube, locked aluminum ring and fixed the complete lamp fixture.

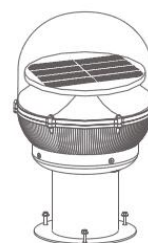




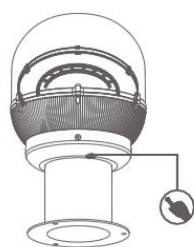
- 1 Please Installed plastic column f irst.



- 2 Fixed the lamp

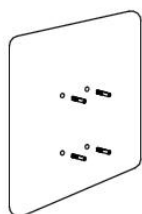


- 3 Press the button

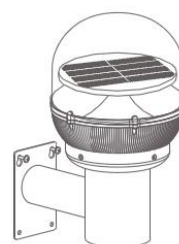




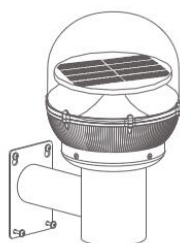
- 1 Please Installed plastic column f irst.



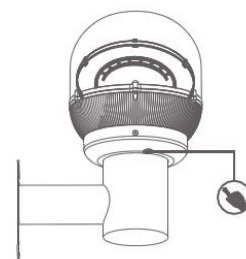
- 2 Prepared to f ixed the lamp

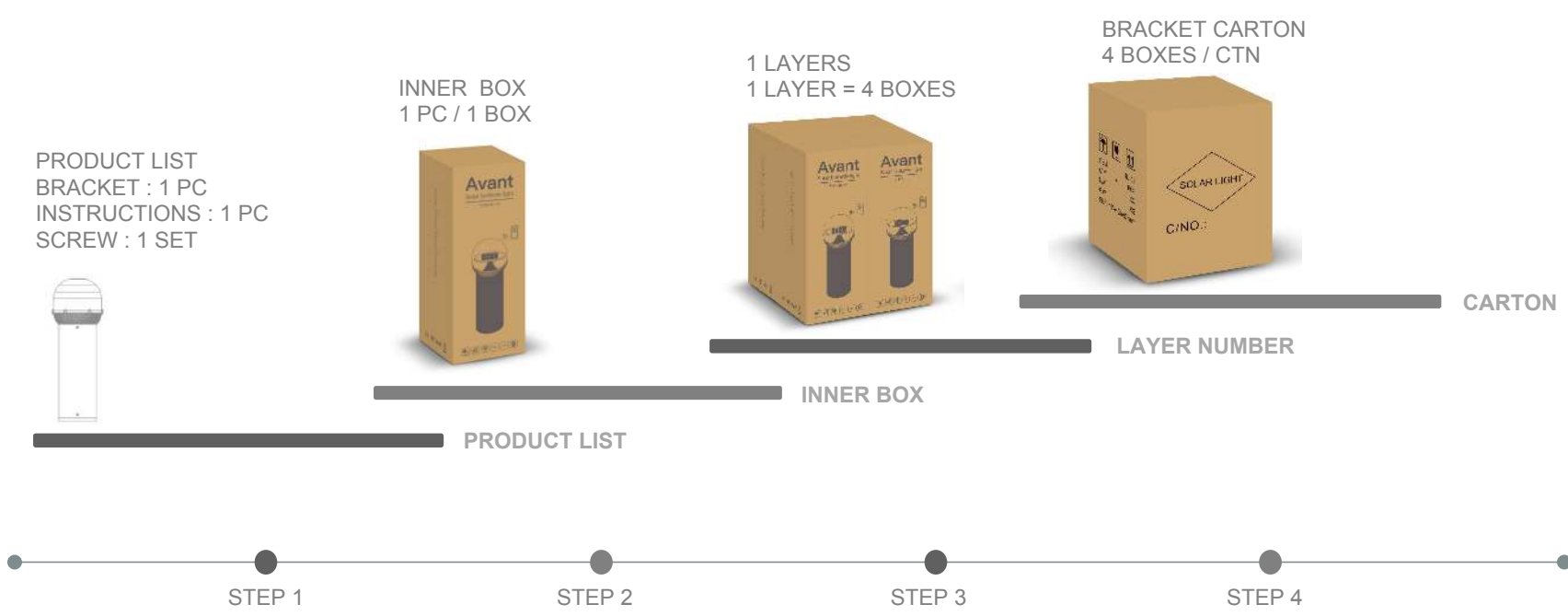


- 3 Fixed the lamp



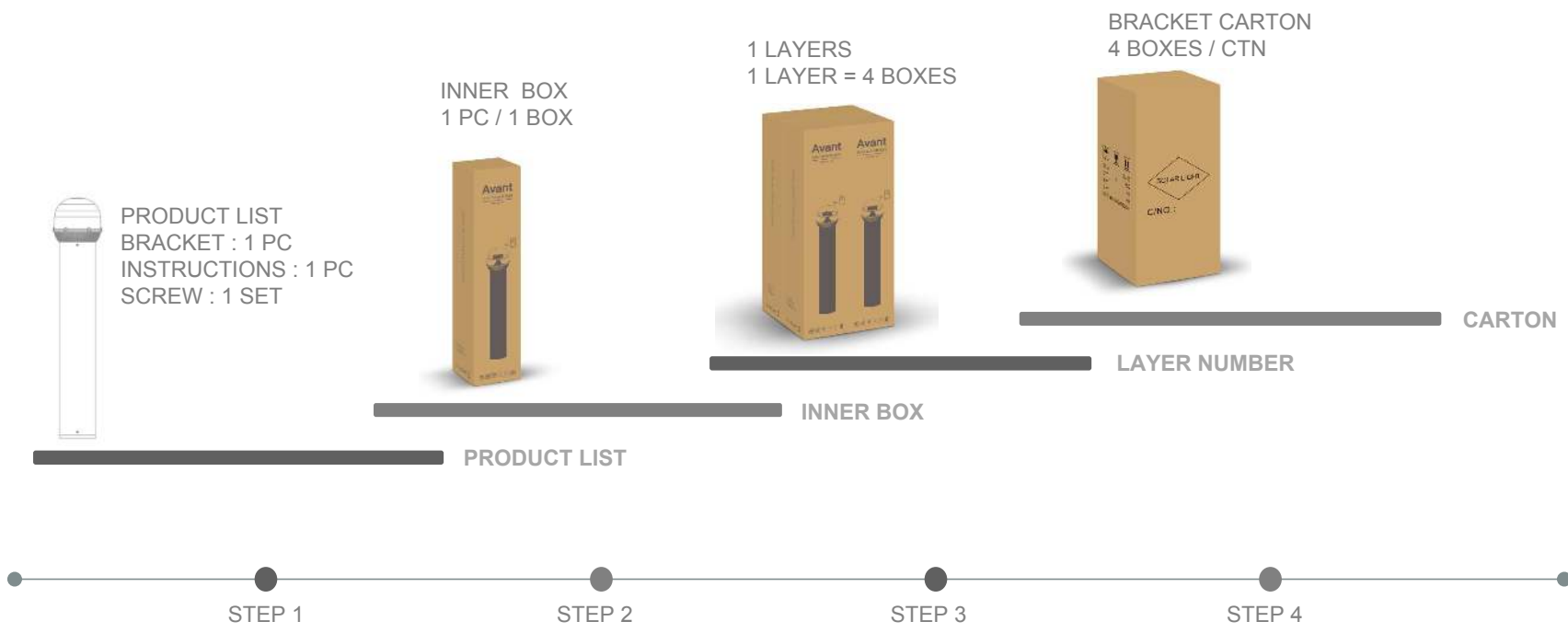
- 4 Press the button





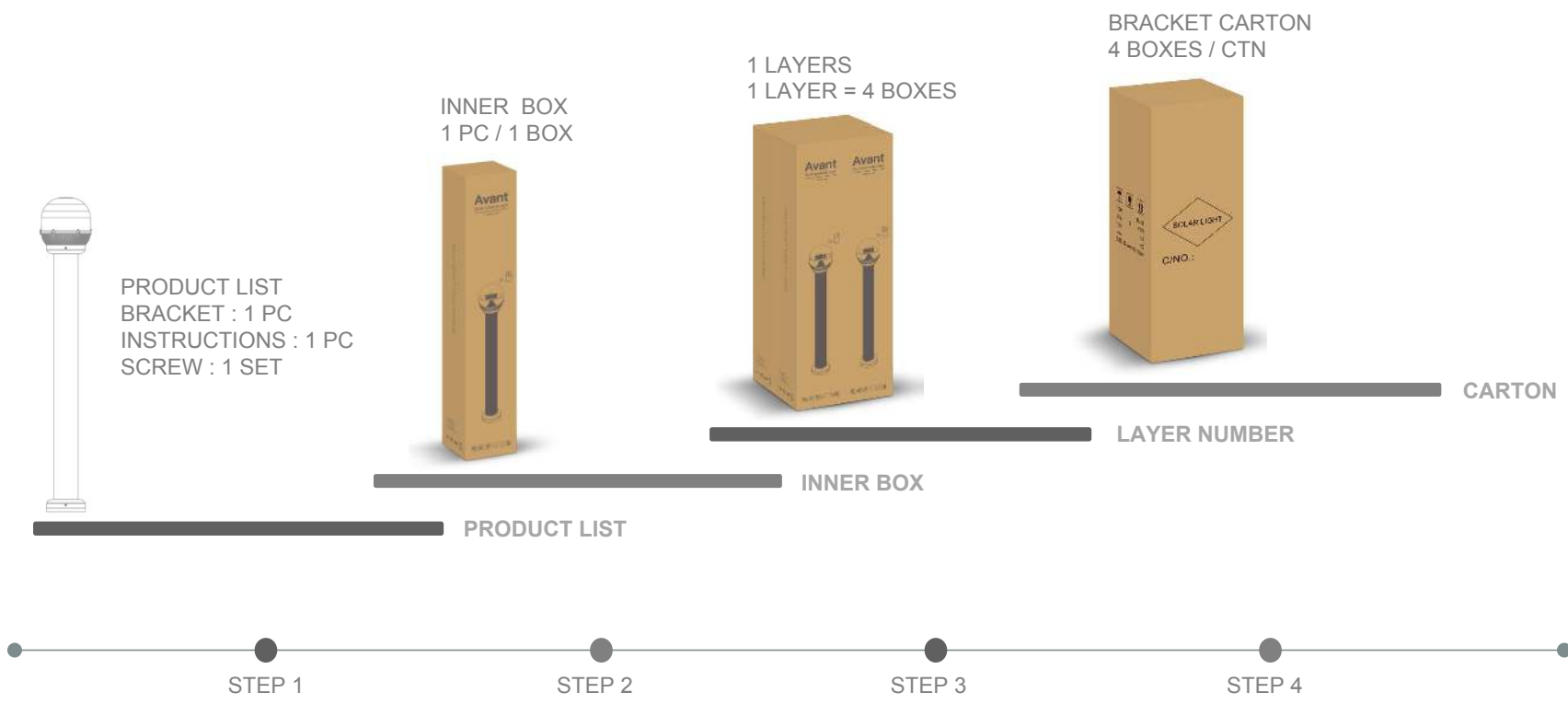
MODEL NO.	PACKING METHOD	PCS/ CTN	QTY (PCS)	CTN QTY	CARTON SIZE(MM)	N.W.(KG)	G.W.(KG)	Carton quantites of 20" GP	Carton quantites of 40" HQ
ABL-01	INNER BOX	1	1	1	240x240x660			/	/
	CARTON	4	4	1	495x495x675			80	192

Net weight and gross weight are for reference only



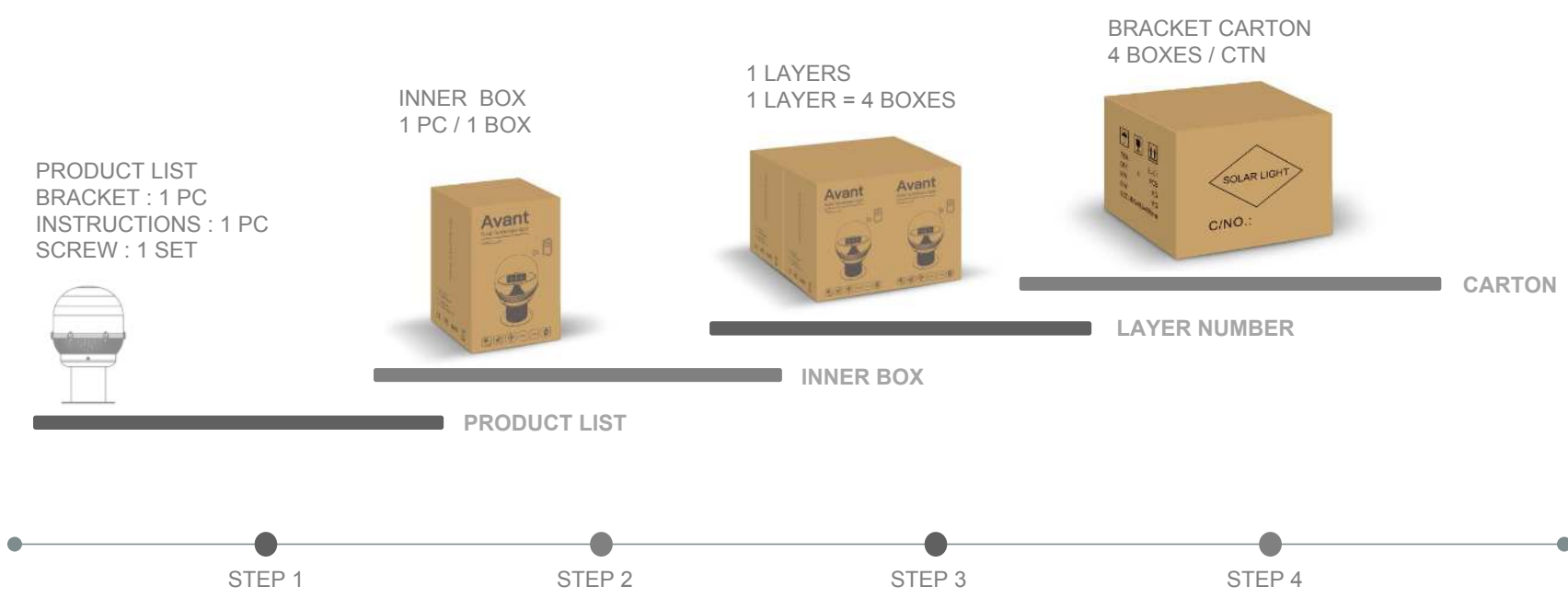
MODEL NO.	PACKING METHOD	PCS/ CTN	QTY (PCS)	CTN QTY	CARTON SIZE(MM)	N.W.(KG)	G.W.(KG)	Carton quantites of 20" GP	Carton quantites of 40" HQ
ABL-02	INNER BOX	1	1	1	240x240x1117			/	/
	CARTON	4	4	1	495x495x1132			40	96

Net weight and gross weight are for reference only



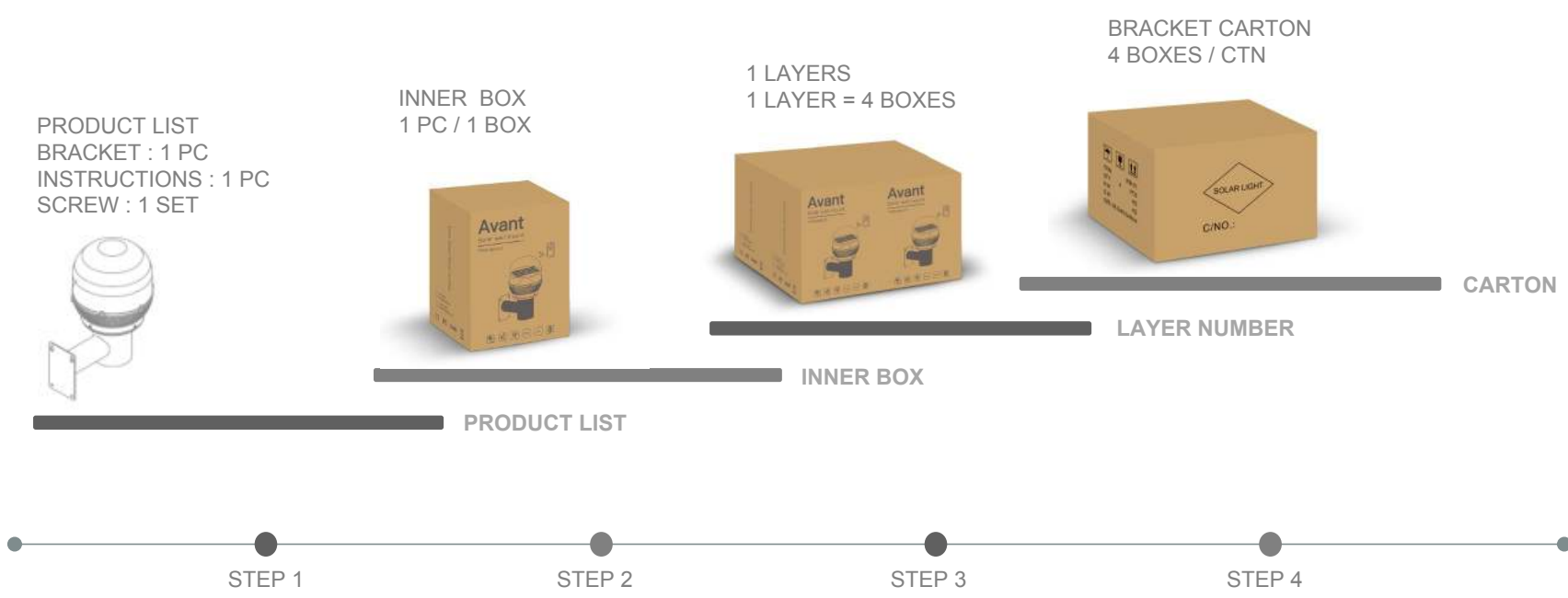
MODEL NO.	PACKING METHOD	PCS/ CTN	QTY (PCS)	CTN QTY	CARTON SIZE(MM)	N.W.(KG)	G.W.(KG)	Carton quantites of 20" GP	Carton quantites of 40" HQ
ABL-03	INNER BOX	1	1	1	240x240x1345			/	/
	CARTON	4	4	1	495x495x1360			40	96

Net weight and gross weight are for reference only



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
ALL-01	INNER BOX	1	1	1	240x240x393			/	/
	CARTON	4	4	1	495x495x408			160	384

Net weight and gross weight are for reference only



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
AWM-01	INNER BOX	1	1	1	335x240x425			/	/
	CARTON	4	4	1	685x495x440			96	240

Net weight and gross weight are for reference only

Application

Park / Wharf

ABL-01(H) Park



ABL-01(H) Park



ABL-01(H) Wharf



Application

Community sidewalk / Villa



ABL-02(H) Community sidewalk



AWM-01(H) Villa



ALL-01(H) Villa

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

THANKS
VERY
MUCH