



Lighting

AHA Lighting International Inc.

Project Name: _____ Catalog Number: _____

Notes: _____ Fixture schedule: _____

Solar Flood Light



Product Description:

This Solar flood light has a unique design for large beam angle. Core technology ASL2.0 by Independent develop, automatically adjust Power consumption on rainy days, to support 10 days working with fully charged. The professional lighting distribution offered wide lighting area. The amazing performance would be impressive.

Features

1. Continuously lighting for 10 rainy days
2. 4m cable and extra extension cable is available
3. Multi functional remote controller
4. Unique design achieves transmittance over 90%
5. High efficiency LED beads, 190lm/w
6. Different power provides with 300W & 600W
7. Battery protection to make sure longer life span
8. IP65 rated, for wet location
9. 5 years warranty

Application

Landscape, High way, Park, Street, Roadway, Parking lot, Plaza and Farm etc.

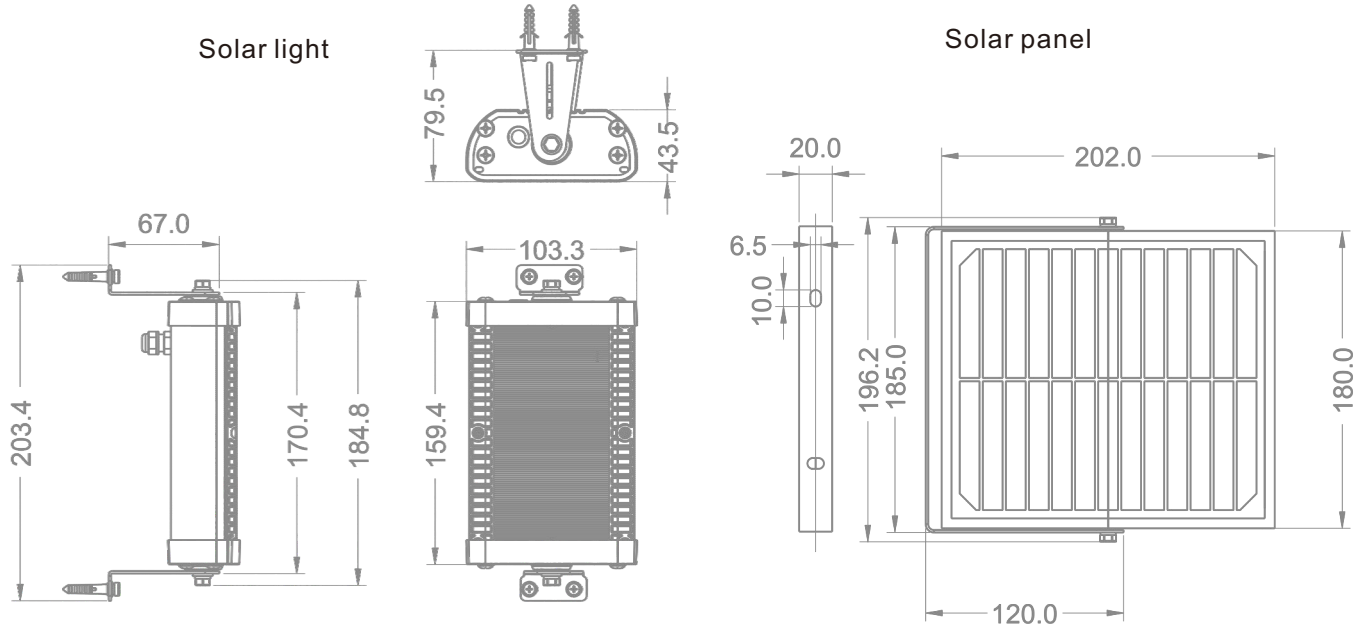




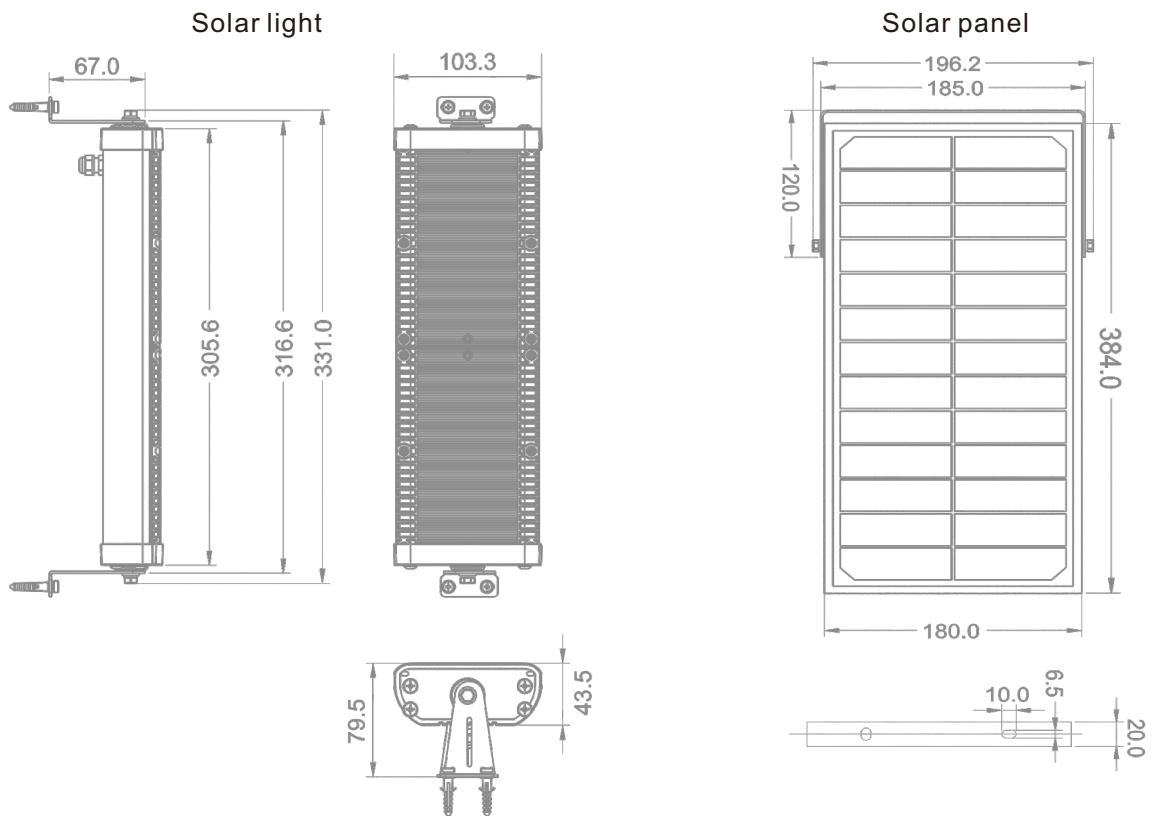
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SWL-20PRO



SWL-40PRO





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Specifications

Item:	AHA-20PRO	AHA-40PRO
Light Brightness	3000 Lumens	6000 Lumens
Solar panel		
Power	Monocrystalline, 14V/5W	Monocrystalline, 14V/10W
Li-ion battery		
Capacity	3.7V28.86WH 2.6AH/PC	3.7V57.72WH 2.6AH/PC
Charging/Discharging Temp	0~45°C / -20~60°C	0~45°C / -20~60°C
Charging Time	7.5H	7.5H
LED (OSRAM)	3030 30pcs	3030 60pcs
Color Temp	5700K, Ra 70+	5700K, Ra 70+
Efficiency	190lm/W	190lm/W
UV LED	-	-
Performance		
Lighting Time in Rainyday	>10 days	>10 days
Control Mode	Button Switch ON/OFF Long Press 1.5s	
Lighting Mode (Remote Control)	M1: 50% 1500LM(5H) + 10% 300LM Till dawn M2: 30% 900LM(5H) + 10% 300LM Till dawn M3 : 20% 600LM Till dawn T: 3000LM 2Hrs	M1: 50% 3000LM(5H) + 10% 600LM Till dawn M2: 30% 1800LM(5H) + 10% 600LM Till dawn M3 : 20% 1200LM Till dawn T : 6000LM 2Hrs
Mode Indication	M1: Red / M2: Green / M3: Orange, T: Green light flashes	
Capacity Indication	Green : >70% Orange: 30%~70% Red 10%~30%	Green : >70% Orange : 30%~70% Red : 10%~30%
PIR	-	-
Core technology	ALS2.3	ALS2.3
Solar Panel Autoclean	-	-
IP/IK Class	IP 65	IP 65
Install Height	-	-



E2-20PRO
Equal to 300W
Incandescent Lamp



E2-40PRO
Equal to 600W
Incandescent Lamp

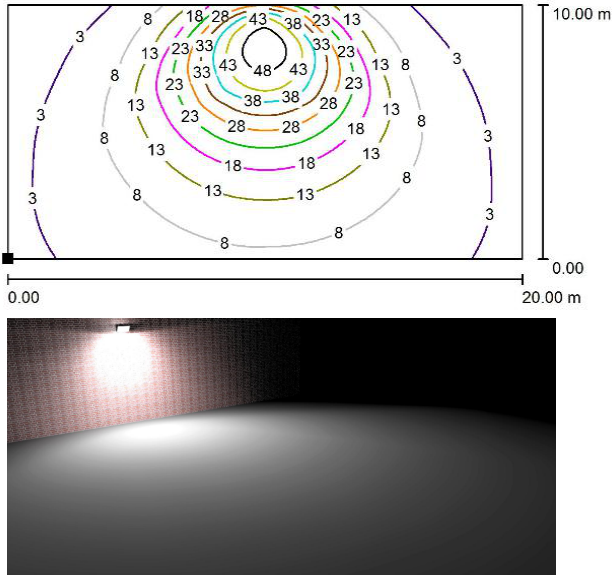


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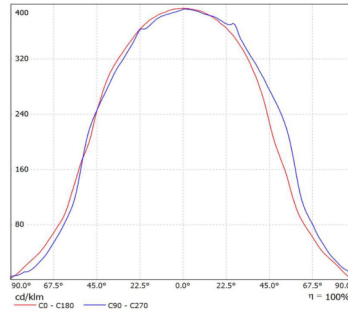
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Optical Figure

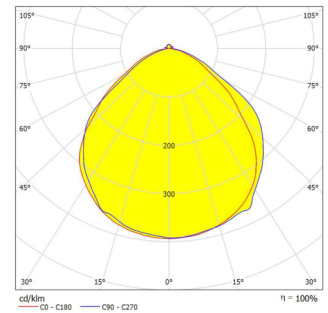
Road Simulated Diagram



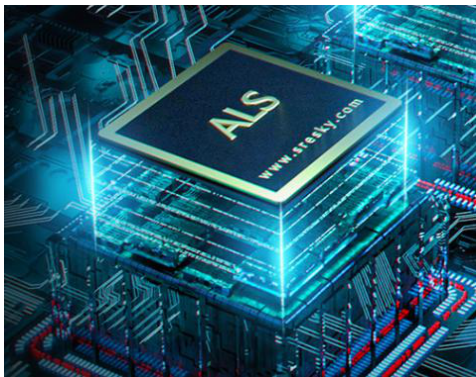
Illumination Curve



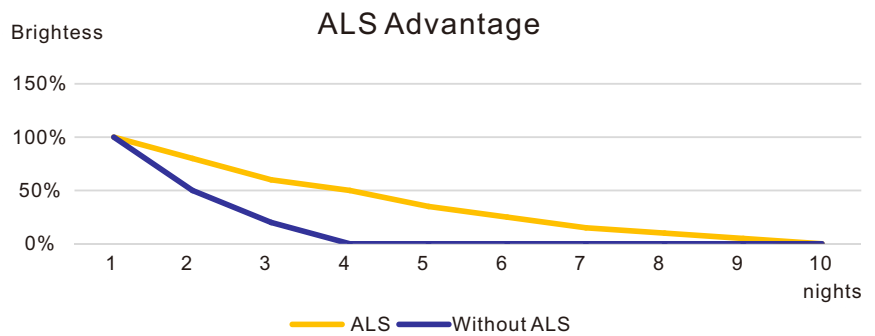
Luminance Distribution



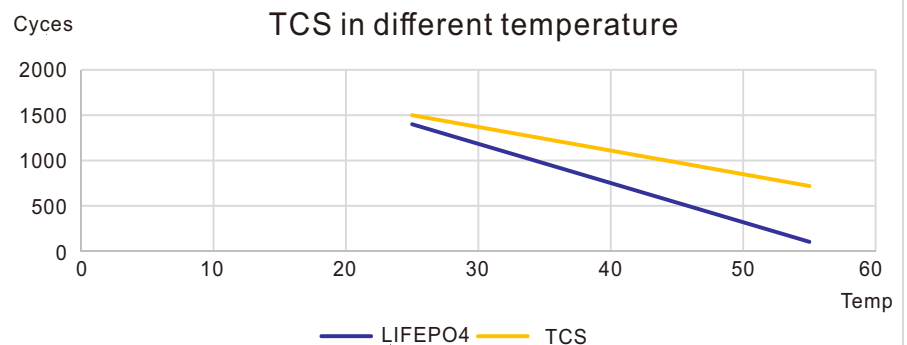
Core Technology



Advantage of ALS



Advantage of TCS





Lighting

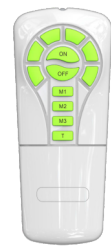
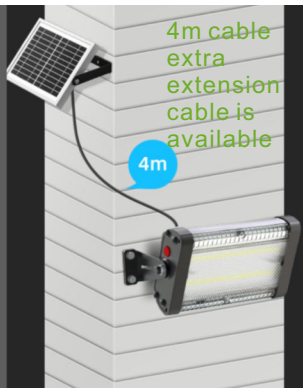
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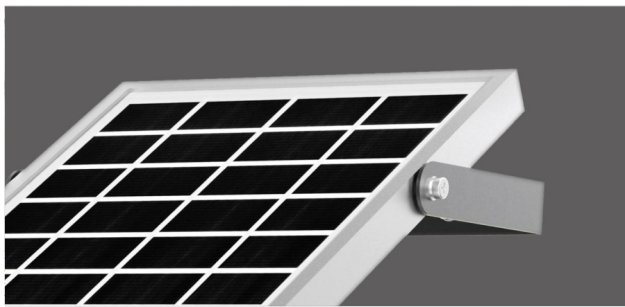
Product Advantage



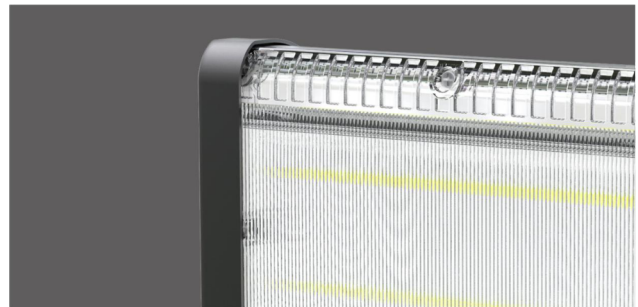
ALS Technology Guarantees 10 Continuous Working Nights
TCS Technology Ensures Longer Battery Lifespan



Detail Benefits



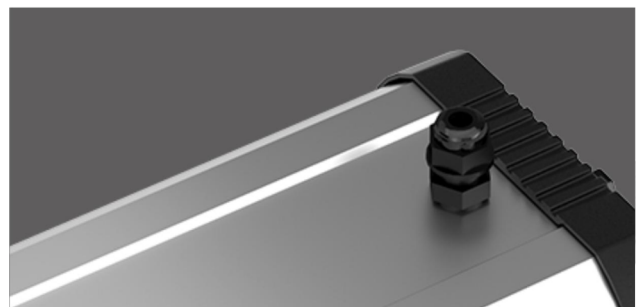
Monocrystalline >21%



High lumen LEDs 190lm/W



Switch Bracket



Back details



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