

Solar Flood Light



Product Description:

This solar flood light has an unique design that provides a large beam angle and wide light distribution. Independently developed core technology ASL2.0 automatically adjusts power consumption on rainy days to run for 10 days while fully charged.

Features

1. Continuous lighting for 10 rainy days
2. 4m cable and extra extension cable available
3. Multi functional remote controller
4. Unique design achieves transmittance over 90%
5. High efficiency LED beads, 190lm/w
6. Power Options: 300W & 600W
7. Battery protection to ensure longer life span
8. IP65 wet location rated
9. 5 year warranty

Applications

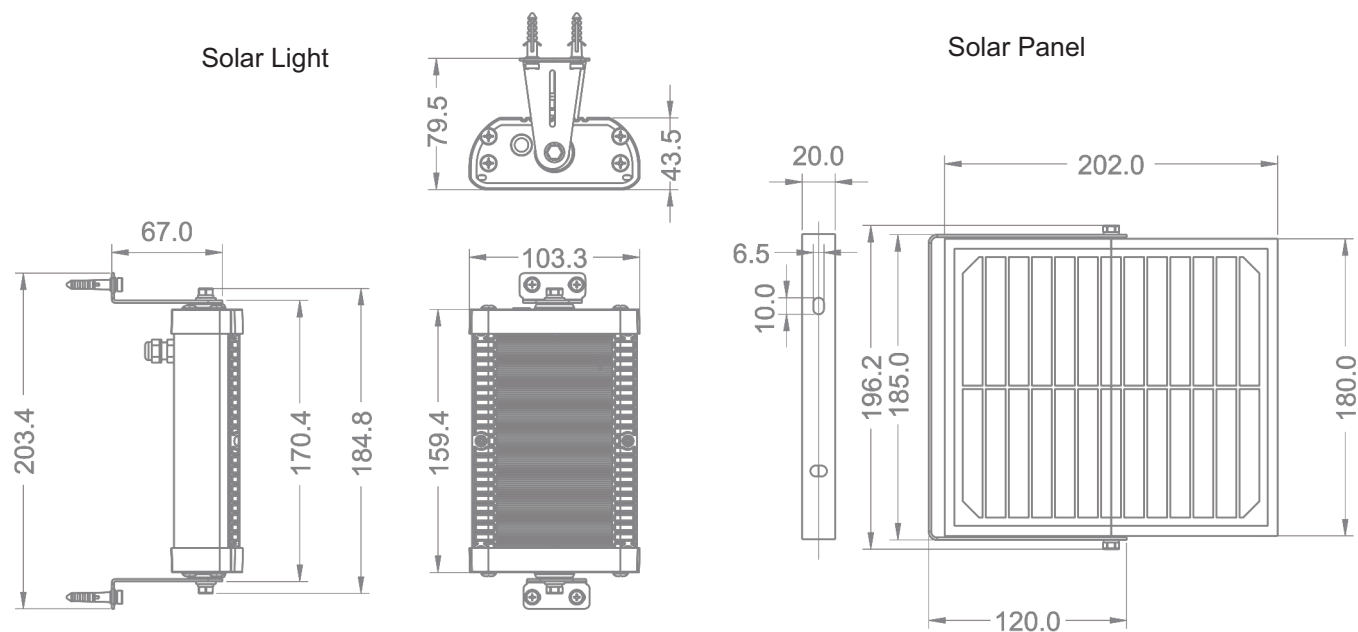
Landscaping, Highways, Parks, Streets, Roadways, Parking lots, Plazas and Farms etc.



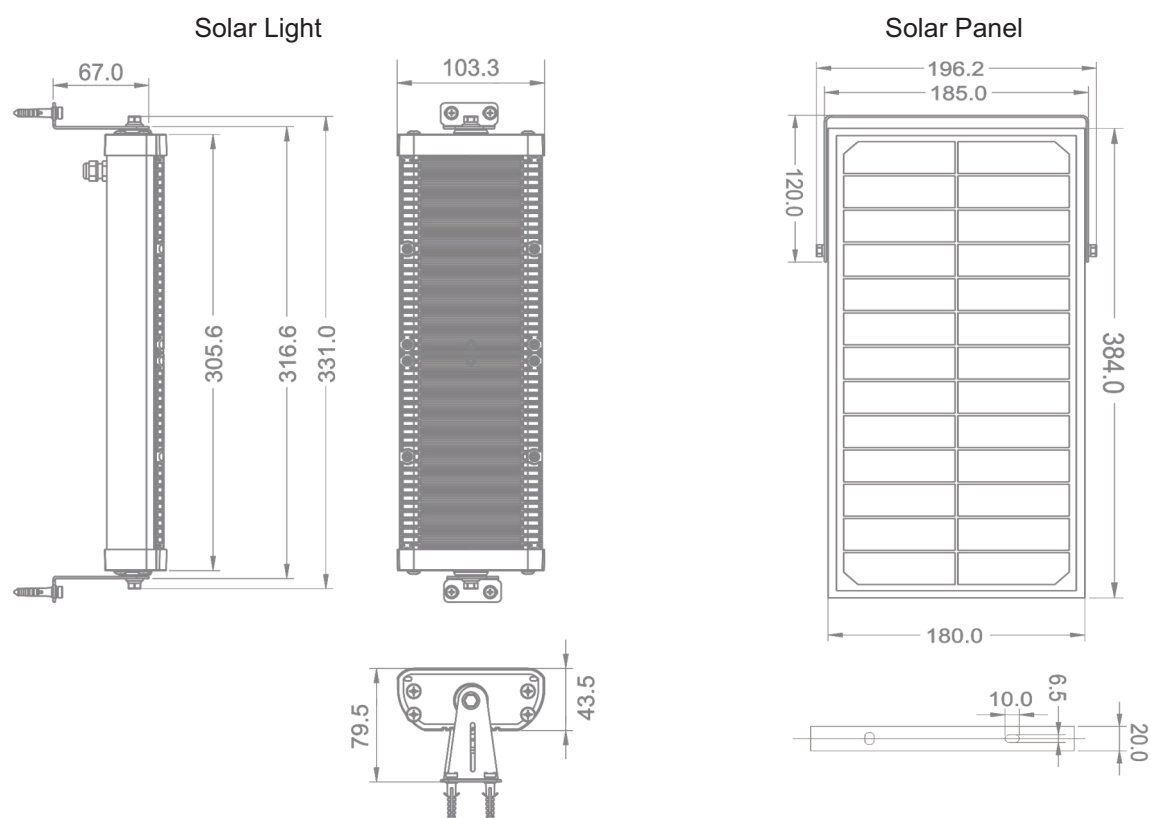
Specifications

Item:	SWL-20PRO	SWL-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℃ / -20~60℃	0~45℃ / -20~60℃
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		
Rainy Day Runtime	>10 days	>10 days
Control Mode	Button Switch: ON/OFF Long Press 1.5s	
Lighting Mode (Remote Control)	M1: 50% 1500lm(5hr) + 10% 300lm until dawn M2: 30% 900LM(5hr) + 10% 300LM until dawn M3: 20% 600lm until dawn T: 3000lm 2hrs	M1: 50% 3000lm(5hr) + 10% 600lm until dawn M2: 30% 1800lm (5hr) + 10% 600lm until dawn M3: 20% 1200lm until dawn T: 6000lm 2hrs
Mode Indicator	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	—	—

SWL-20PRO

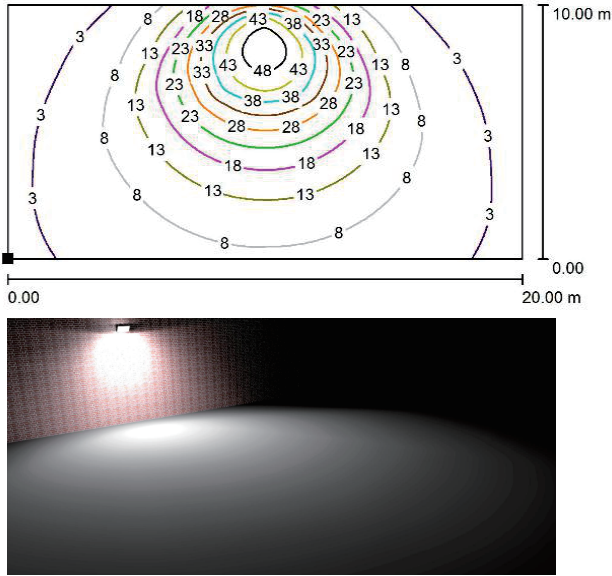


SWL-40PRO

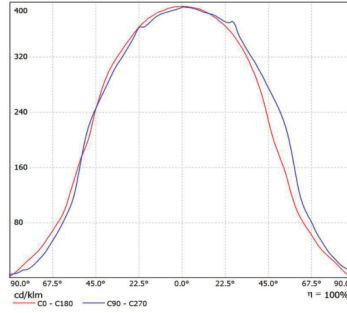


Optical Figure

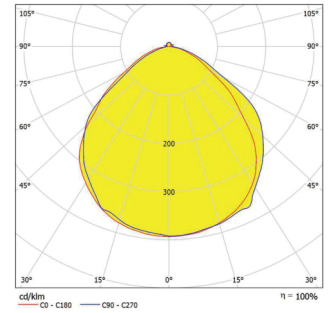
Road Simulated Diagram



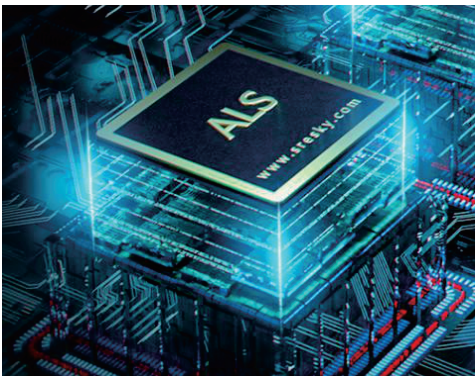
Illumination Curve



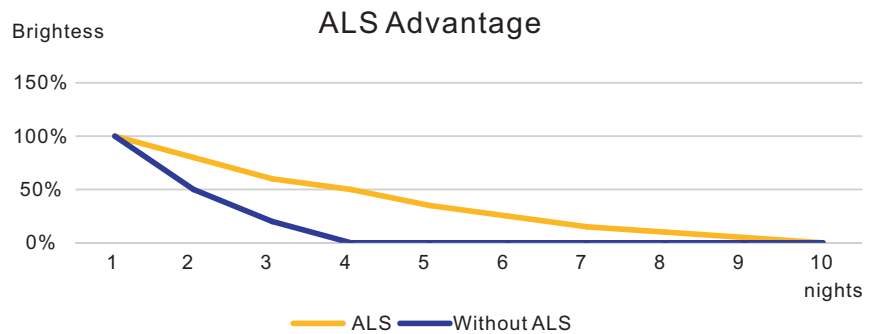
Luminance Distribution



Core Technology



Advantage of ALS



Advantage of TCS

