SALG1 All-in-One Solar Area Light G1

FEATURES

- All in one solar street light with a powerful built-in solar panel provides all-night lighting even on cloudy days.
- A beautiful aesthetic design it a wonderful option for lighting up residential or commercial places.
- It can easily be installed and there is no wiring or trenching as it uses solar energy.
- Continuous lighting even on low charging days
- Long lifespan Li-ion Battery
- High-efficiency Monocrystalline silicon solar panel
- Control mode: montion detection/ timing / mixed modes
- Working time 10-12hrs at always-on mode.the brightness drops when battery voltage declines.

SPECIFICATION

General Information	
LED Type	2835
Light Efficacy	185Lm/W
CCT	4000K, 5000K
CRI	70
LED Lifespan	153,000h@L70B10 96,000h@L80B10 46,000h@L90B10
Battery cycle life	>2000times@DOD100%
Warranty	5 Years (Battery 3 Years)
Certificate	CB, CE, Rohs, UL Pending
Structure Material	AL6063+SPCC
Finish Material	Powder coated
Lens Material	(PC)Polycarbonate
Fixture Color	Powder black
Solar Panel	Monocrystalline silicon
Cable	American standard rubber cord
Mouting Option	Pole Mounted
Operating Temperature	-20~50°C
Ingress protection code	IP65(WET)
Mech. impact protection code	IK07

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185lm/W | 25W/45W/60W/100W

Solar Energy Generation
Automatic Switch
IP66 (WET)
Microwave Sensor
No wires
Rechargeable Battery
Save electric charge
Intelligent light control

Dimmable | FC | RoHS | WET LOCATION | 3 year warranty | 185 lm/w

APPLICATION

- Outdoor Parking Lots
- Security Areas
- Site Pathway Areas
- Business Campuses
- Industrial Facilities

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SPECCIFICATION

Part#	SALG1-45W	SALG1-60W	SALG1-100W
LED Nominal Power	45W	60W	100W
Solar Panel	monocrystalline silicon (63W)	monocrystalline silicon (84W)	monocrystalline silicon (126W)
CCT	5000K	5000K	5000K
WATT	45W	60W	100W
Lumen Output	8325lm	11100lm	18500lm
Efficacy	185 lm/w	185 lm/w	185 lm/w
CRI	70	70	70
Beam Spread	140*70deg	140*70deg	140*70deg
Battery	lithium iron phosphate 30AH 12.8V 32700	lithium iron phosphate 42AH 12.8V 32700	lithium iron phosphate 36AH 25.6V 32700
Charging Time	6-8 hours(1000W/m^2)	6-8 hours(1000W/m^2)	6-8 hours(1000W/m^2)
Run Time(@FuLL Charged)	10-12hrs@100% Brightness	10-12hrs@100% Brightness	10-12hrs@100% Brightness
Operation Mode	PIR/remote control	PIR/remote control	PIR/remote control
Product Size	1100x357x130	1350x357x130	1350x516x130

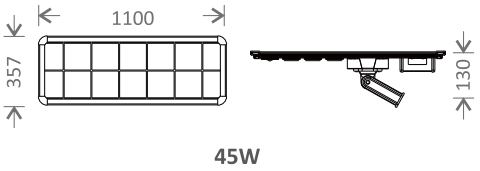
CONTROLS AND DIMMING

Preset Intelligent Motion Sensor Mode:

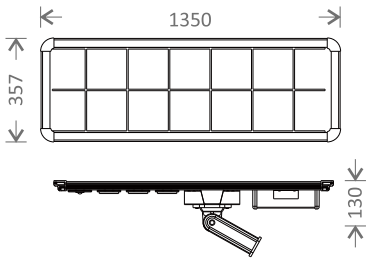
Example	Turn On at Dust	Motion Detected	No Motion Detected
7pm	1 hr	70% Brightness for 2 minutes	40% Brightness
8pm-11pm	4 hrs	100% Brightness for 2 minutes	40% Brightness
12pm-5am	6 hrs	50% Brightness for 2 minutes	20% Brightness
6am	1 hr	70% Brightness for 2 minutes	20% Brightness

Light automatically turns on at dusk. During the first 1 hour, the light remains 40% brightnes when motion is detected the light will turn to 70% brightness for 2 munites. During the next 4 hours, the light remains 40% brightness, when motion is detected the light will turn to 100% brightness for 2 minutes. Then during the next 6 hours, the light remains 20% brightness, when motion is detected the light will turn to 50% brightness for 2 munites. During the last 1 hour, the light remains 20% brightness, when motion is detected the light will turn to 70% brightness for 2 minutes. The light automatically turns off at dawn.

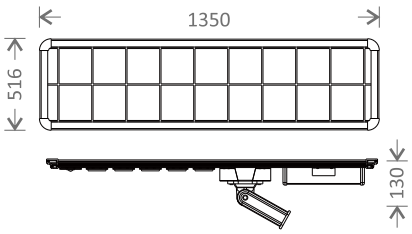
DIMENSION



45W



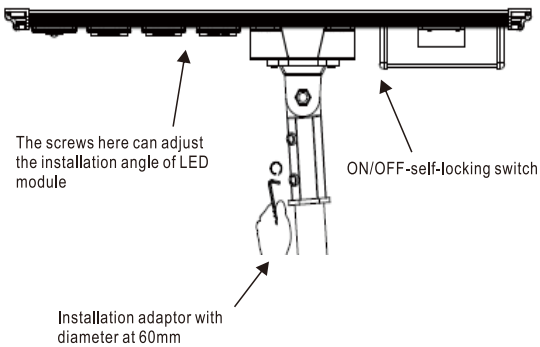
60W



100W

Light Distribution Curve

INSTALLATION:



PACKAGING

PART#	UNIT / BOX	MASTER BOX	WEIGHT	UNITS/40' FCL	VOLUMN	WEIGHT
SALG1-45W	1	1200 x 400 x H200mm	10.5KG	650	68 CBM	6825 KG
SALG1-60W	1	1450 x 400 x 200mm	12KG	560	68 CBM	6720 KG
SALG1-100W	1	1450 x 560 x 200mm	17KG	400	68 CBM	6800 KG

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