

Solar Area Light

Solar Powered High Performance LED
Selectable CCT / Built-in Microwave Sensor
100,000hr Lifespan

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- BEAM ANGLE — 70° x 140°, Asymmetric 30. The head of the luminaire is adjustable up to 30°.
- BATTERY — Large capacity rechargeable lithium iron phosphate (LifePO4) battery.
- DRIVER — Universal Voltage (120-277v) electronic driver.
- HOUSING — Die-cast ADC12 aluminum which has high heat and corrosion resistant properties.
- FINISH — U.V. stabilized polyester powder coated finish.
- LENS — Clear polycarbonate for brilliant uniform illumination.
- LIGHT ENGINE — Energy efficient LED featuring Selectable CCT.
- LIFETIME — 100,000+ Hour LED Life Expectancy (L70).
- MAINTENANCE — Easy maintenance and installation with no wiring necessary.
Lighting modes can be adjusted with included remote controller.
- MOUNTING — In-ground pole mount.
- SENSOR — Built-in sensor featuring microwave or infrared induction.
- SOLAR PANEL — High efficiency monocrystalline silicone solar panels.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. IP66 Rated.
- WARRANTY — 5-Year Limited Warranty.



ORDERING INFO

Series	Wattage	CCT	Voltage	Finish	Options

ORDERING GUIDE:

SERIES
SAL = Solar Area Light

WATTAGE
 Note: Refer to Below Chart for Wattage/Size related info.
LED60 = 60 Watt LED
LED80 = 80 Watt LED
LED100 = 100 Watt LED
LED120 = 120 Watt LED

COLOR TEMPERATURE (CCT)
 SCCT = *Selectable CCT: 3000K | 4000K | 5000K
 *Note: Fixtures will ship from factory at the warmest CCT. It is the installer's responsibility to set the fixture at the desired wattage and CCT for their project.

VOLTAGE
UNV = Universal Volt (120-277v) Driver

STANDARD FINISH
BK = Black Finish

Model	Solar Area Light (60 Watt)	Solar Area Light (80 Watt)	Solar Area Light (100 Watt)	Solar Area Light (120 Watt)
Solar Panel	6V / 42W	6V / 50W	6V / 55W	6V / 65W
Lithium Battery	144WH 3.2V	192WH 3.2V	240WH 3.2V	288WH 3.2V
Selectable CCT	3000K / 4000K / 5000K	3000K / 4000K / 5000K	3000K / 4000K / 5000K	3000K / 4000K / 5000K
Efficacy	180lm/W	180lm/W	180lm/W	180lm/W
Charging Time[Ⓐ]	6~8 Hours	6~8 Hours	6~8 Hours	6~8 Hours
Working Time[Ⓑ]	12-15 Hours	12-15 Hours	12-15 Hours	12-15 Hours
Control Mode	Time Control Microwave or Infrared Induction	Time Control Microwave or Infrared Induction	Time Control Microwave or Infrared Induction	Time Control Microwave or Infrared Induction
IP Rating	IP66	IP66	IP66	IP66
Mounting Height	16-23 ft	20-26 ft	29-33 ft	33-36 ft
Installation Space (Between 2 Lamps)	32-65 ft	32-65 ft	32-65 ft	32-65 ft
Mounting Hole	Ø3.07in.	Ø3.07in.	Ø3.07in.	Ø3.07in.
Warranty	5 Years	5 Years	5 Years	5 Years
Fixture Size	33.31"L x 14.21"W x 8.23"H	33.31"L x 14.21"W x 8.23"H	43.15"L x 14.21"W x 8.23"H	43.15"L x 14.21"W x 8.23"H
Net Weight	19.84 lbs	20.95 lbs	24.25 lbs	25.79 lbs

Note [Ⓐ]: Charging time based on full sunlight conditions.

Note [Ⓑ]: Working time is 5-7 hours for rainy days.

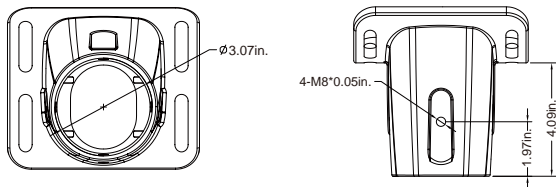
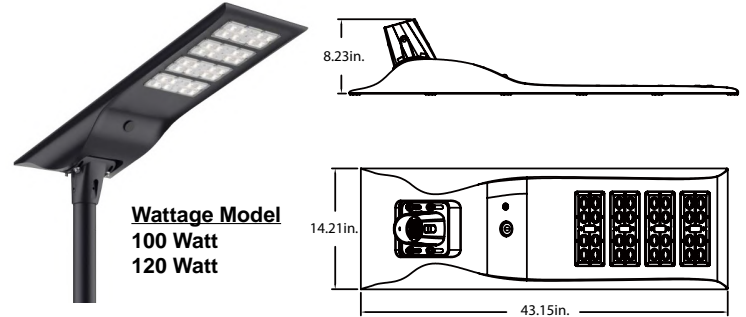
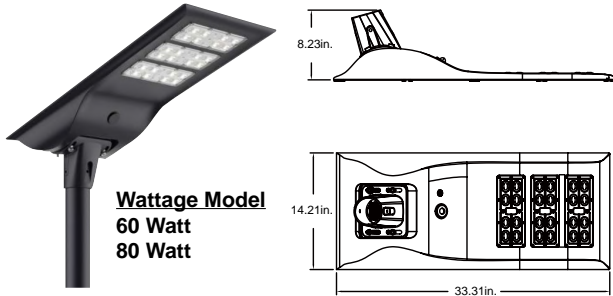
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DIMENSIONS



Mounting Hole Dimensions

FEATURES

Bridgelux Chips 3030
 High-performance LED with 100,000hr lifetime

Solar Panel
 Monocrystalline silicone solar panel with high-efficiency >21% photoelectric conversion rate and 25 year lifespan.



Built-in Microwave Sensor
 Detection area of 130° angle with 33ft range. Microwave induction or infrared induction is used to sense movement.
 The included remote controller can be used to adjust the 4 light setting modes and has a connection range of 49ft.



Lithium Battery
 Lithium iron phosphate (LiFePO4) battery with -4°F to 131°F temp range and >2000 charge cycles