

Solar Area Light 2

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

- BATTERY — Large capacity rechargeable lithium iron phosphate (LiFePO4) battery.
- DRIVER — Universal Voltage (120-277v) electronic driver.
- HOUSING — Die-cast aluminum which has high heat and corrosion resistant properties.
- FINISH — U.V. stabilized polyester powder coated finish.
- LENS — Clear flat tempered glass lens with UV ray and impact resistance.
- LIGHT ENGINE — Energy efficient LED featuring Selectable CCT.
- LIFETIME — 100,000+ Hour LED Life Expectancy (L70).
- OPTIC DISTRIBUTION — Asymmetrical T2S, Asymmetrical T3S
- MAINTENANCE — Easy maintenance and installation with no wiring necessary.
- MOUNTING — In-ground pole mount.
- SENSOR — Built-in microwave sensor with 360° detection area.
- SOLAR PANEL — Monocrystalline panel grade A (25 years) solar panels.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. IP66/IK08 Rated.
- WARRANTY — 5-Year Limited Warranty.



ORDERING INFO

ORDERING GUIDE:	Series	Wattage	CCT	Distribution	Voltage	Finish	Options
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SERIES

SAL2 = Solar Area Light 2

WATTAGE

Note: Refer to Below Chart for Wattage/Size related info.

- LED60 = 60 Watt LED
- LED100 = 100 Watt LED
- LED120 = 120 Watt LED
- LED150 = 150 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.

OPTIC DISTRIBUTION

- T2S = Type 2S (Asymmetrical)
- T3S = Type 3S (Asymmetrical)

VOLTAGE

UNV = Universal Volt (120-277v) Driver

STANDARD FINISH

BK = Black Finish

Model	Solar Area Light 2 (60 Watt)	Solar Area Light 2 (100 Watt)	Solar Area Light 2 (120 Watt)	Solar Area Light 2 (150 Watt)
Solar Panel	18V / 35W	18V / 35W	18V / 65W	18V / 65W
Lithium Battery	144WH 3.2V	240WH 3.2V	320WH 3.2V	384WH 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 [Ⓐ]	5-6 Hours	5-6 Hours	5-6 Hours	5-6 Hours
Working Time [Ⓑ]	12-15 Hours	12-15 Hours	12-15 Hours	12-15 Hours
Control Mode	Time Control Microwave Sensing	Time Control Microwave Sensing	Time Control Microwave Sensing	Time Control Microwave Sensing
IP Rating	IP66	IP66	IP66	IP66
Mounting Height	20-26 ft	26-33 ft	29-36 ft	33-39 ft
Installation Space (Between 2 Lamps)	33-72 ft	33-72 ft	33-72 ft	33-72 ft
Pole Mounting	1.97"-2.36"	1.97"-2.36"	1.97"-2.36"	1.97"-2.36"
Warranty	5 Years	5 Years	5 Years	5 Years
Fixture Size	26.6"L x 15.0"W x 10.5"H	26.6"L x 15.0"W x 10.5"H	36.4"L x 15.0"W x 10.5"H	36.4"L x 15.0"W x 10.5"H
Net Weight	18.74 lbs	19.84lbs	24.91 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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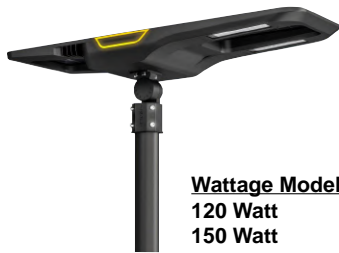
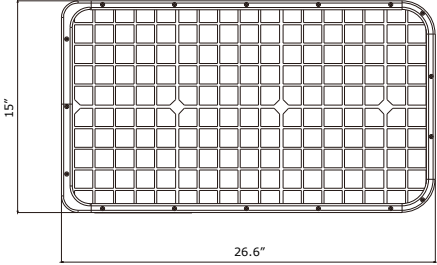
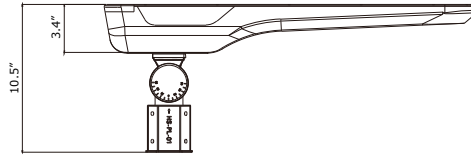
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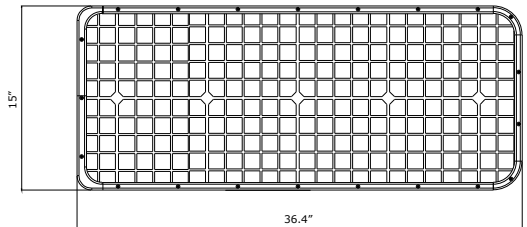
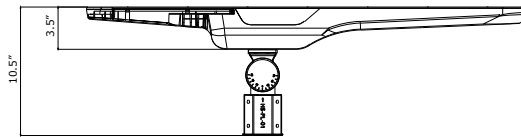
DIMENSIONS



Wattage Model
60 Watt
100 Watt



Wattage Model
120 Watt
150 Watt

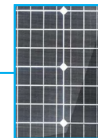


FEATURES



Lithium Battery

Lithium iron phosphate (LifePO4) battery with -4°F to 131°F temp range and >5000 charge cycles



Solar Panel

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



MPPT Controller

Optimizes charging efficiency and minimizes power consumption.



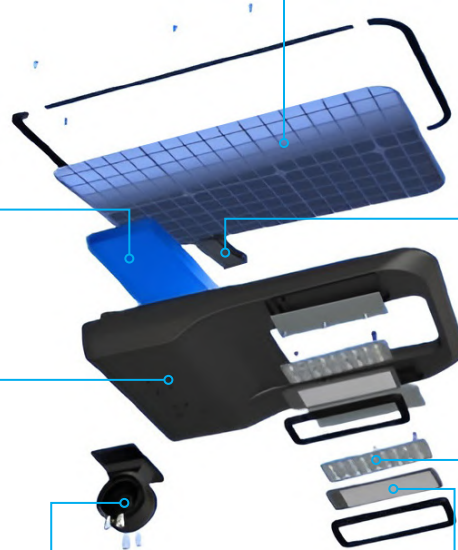
Bridgelux Chips 3030

High-performance LED (100,000 Hour)



Motion Sensor

Utilizes high frequency microwaves and features a 360° detection area.



Adjustable Bracket

Rotate the luminaire up to 30° angle to illuminate the designated area.



Optical Lens

.15" thick clear tempered glass lens, UV Ray and impact resistant.

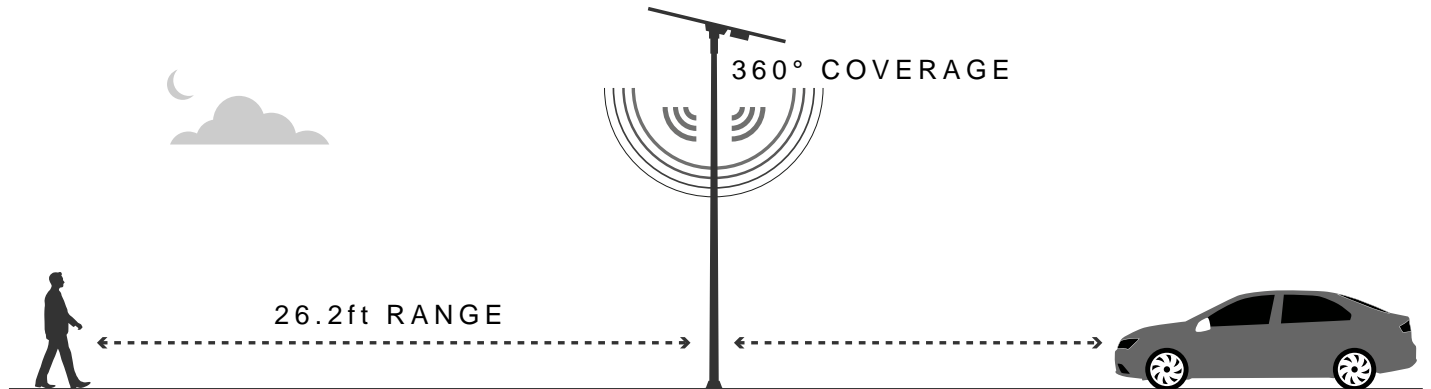
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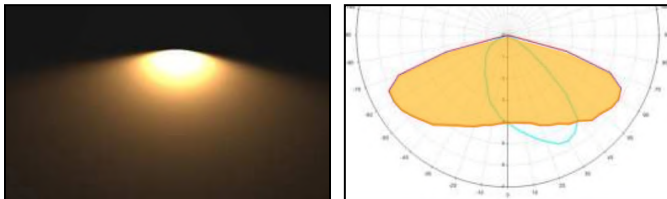
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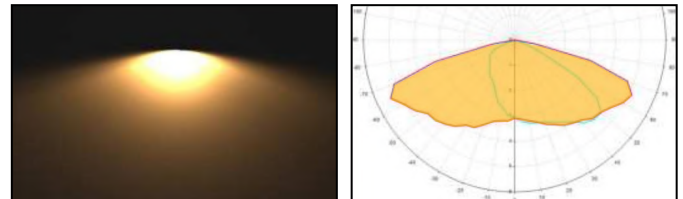
MOTION SENSOR _____



OPTICAL DISTRIBUTION TYPES _____

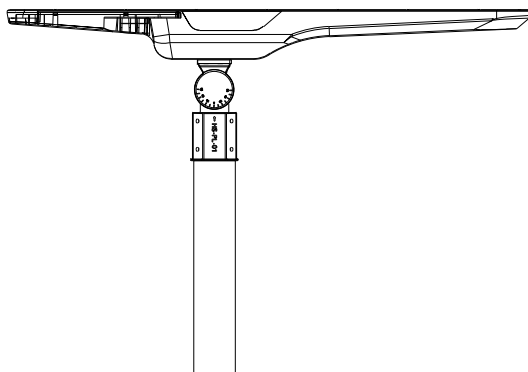


Type 2S Optic Distribution
(T2S)



Type 3S Optic Distribution
(T3S)

MOUNTING INSTALLATION _____



Simple Installation

No cabling or trenching required. Simply align, insert, and adjust the angle of the fixture.

