

ALL-IN-ONE PRO Solar Light

FEATURES

- All-in-One Design eliminates need for additional hardware
- Gray finish
- Wide lighting distribution
- Intelligent solar charge control
- Charge Duration Eight (8) Hours
- Fifteen (15) Hour Output Duration
- IP65 rated
- 5 Year Warranty



APPLICATIONS

- Walkway • Roadway • Area Lighting • Security

ORDERING GUIDE

| SERIES | WATTAGE | BEAM ANGLE | CRI | CCT | FINISH | VOLTAGE |
|--------|----------------------------------|---|-------|----------|----------|-------------|
| SR-2 | 020P 20W 030P 30W 060P 60W | T1' TYPE I T2' TYPE II T3 TYPE III T4' TYPE IV | 7 ≥70 | 50 5000K | GRY GRAY | L 12-24V DC |

* Beam Angle T1, T2, and T4 require a minimum order quantity of 50 units.

| LED SPECIFICATION | | | 5000K | | EPA* | BUG | WEIGHT (lbs.) |
|-------------------|-------|-------|--------|----------|----------|----------|---------------|
| MODEL | WATTS | OPTIC | LUMENS | EFFICACY | | | |
| SR-2020P | 20 | T3 | 3,400 | 170 lm/W | 4.22 ft² | B3-U1-G1 | 23.14 |
| SR-2030P | 30 | T3 | 6,100 | 205 lm/W | 5.35 ft² | B3-U1-G1 | 27.55 |
| SR-2060P | 60 | T3 | 12,900 | 215 lm/W | 9.26 ft² | B3-U1-G1 | 45.85 |

* EPA Ratings listed assume fixture is mounted horizontally. EPA rating will vary based on mounting angle.

SPECIFICATIONS

CONSTRUCTION

Aluminum Alloy housing with Gray finish. Lithium iron phosphate Battery. Aluminum framed, Mono-crystalline Solar Panel. IP66.
Ambient Operating Temperature: -25°C ~ +45°C / -13°F ~ +113°F.

INSTALLATION

All-in-One design eliminates the need for extra mounting brackets. Adjustable tenon mount bracket fits over any 2-3/8" OD or smaller tenon or pole arm at 4 inches. Pole and pole arms not included but available upon request.

SOLAR POWER ENERGY

Solar panels provide the mechanism to power your luminaire with sun energy and battery. Collect and store "natural" power to maximize your energy savings and decrease your carbon footprint.

WARRANTY

All-in-One Pro Solar Light products come with a limited Five (5) Year Warranty. For more information regarding the warranty please contact the factory at (844) 202-5606 or email Customer Service at LEDCustService@dascom.com.

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BATTERY SPECIFICATION

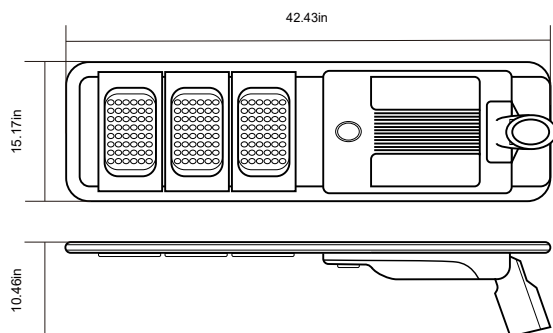
| BATTERY SPECIFICATION | SR-2030P | SR-2030P | SR-2060P |
|-------------------------------------|------------------------|----------|----------|
| BATTERY TYPE | Lithium Iron Phosphate | | |
| NOMINAL CAPACITY (AH) | 18 | 30 | 54 |
| BATTERY LIFE | Three (3) Years | | |
| CYCLE LIFE | > 80% @ 25°C @ 2000 | | |
| NOMINAL VOLTAGE (V) | 12.8 | 12.8 | 12.8 |
| STANDARD DISCHARGE CURRENT (A) | 3.6 | 6.0 | 10.8 |
| DISCHARGE CUT-OFF VOLTAGE (V) | 2.0 | 2.0 | 2.4 |
| MAX CHARGE VOLTAGE (V) | 3.9 | 3.9 | 3.9 |
| OVERCHARGE DETECTION VOLTAGE (V) | 3.9 | 3.9 | 3.9 |
| OVERDISCHARGE DETECTION VOLTAGE (V) | 2.0 | 2.0 | 2.4 |
| OVERDISCHARGE DETECTION CURRENT (A) | 20-40 | 20-40 | 36-50 |

SOLAR PANEL SPECIFICATION

| PANEL SPECIFICATION | SR-2020P | SR-2030P | SR-2060P |
|-------------------------------|----------------------|----------------------|----------------------|
| SOLAR PANEL RATED POWER (W) | 45 | 65 | 115 |
| NUMBER of SOLAR PANELS | 1 | 1 | 1 |
| MAXIMUM POWER VOLTAGE (Vmp V) | 18.0 | 18.0 | 18.0 |
| MAXIMUM POWER CURRENT (Imp I) | 2.5 | 3.61 | 6.76 |
| SHORT-CIRCUIT CURRENT (Voc) | 21.6 | 21.6 | 20.4 |
| SHORT-CIRCUIT CURRENT (Isc) | 2.7 | 3.89 | 7.31 |
| SYSTEM VOLTAGE (V) | 1000 | 1000 | 1000 |
| TOLERANCE | +/- 3% | +/- 3% | +/- 3% |
| NUMBER OF SOLAR CELLS | 34 | 34 | 22 |
| DIMENSIONS (INCHES) | 31.1 x 13.0 x 0.2 in | 40.1 x 13.0 x 0.2 in | 71.2 x 13.0 x 0.2 in |

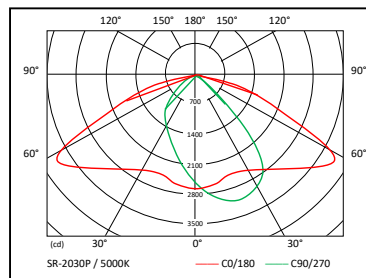
DIMENSIONAL DRAWINGS

SR-2030P



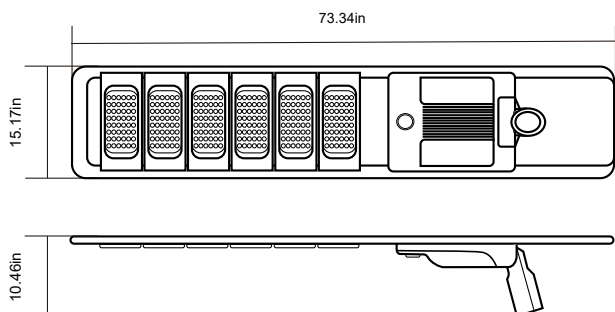
PHOTOMETRICS

SR-2030P

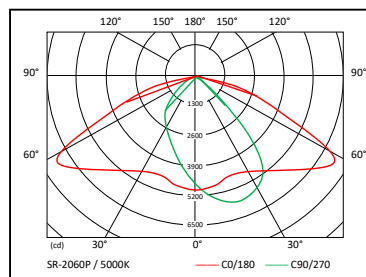


| SR-2030P / 5000K / 150° x 60° | | |
|-------------------------------|--------|--------|
| 1 | 1721 | 119 |
| 2 | 430 | 31 |
| 3 | 191 | 14 |
| 4 | 108 | 8 |
| 5 | 69 | 5 |
| H (m) | E (lx) | D (cm) |

SR-2060P



SR-2060P



| SR-2060P / 5000K / 150° x 60° | | |
|-------------------------------|--------|--------|
| 1 | 3567 | 261 |
| 2 | 892 | 65 |
| 3 | 396 | 29 |
| 4 | 223 | 16 |
| 5 | 143 | 10 |
| H (m) | E (lx) | D (cm) |

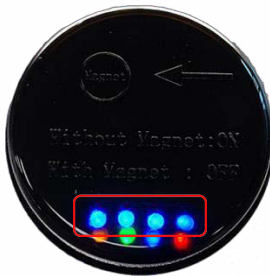
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CONTROLLER



1. Magnet Power Switch

Before mounting this unit onto a pole, remove the magnetic button from the sensor.



2. Battery Power Indicators

The (4) blue LEDs in the upper row represent battery level.

1 indicator = < 25%

2 indicators = 26% - 50%

3 indicators = 51% - 75%

4 indicators = 76% - 100%



3. Status Indicators

| SOLAR CONTROLLER STATUS INDICATORS | | |
|------------------------------------|---------|----------------------------|
| Indicator Light | Status | Description |
| (1) YELLOW (Motion) | ON | Motion Detected |
| | OFF | No Motion Detected |
| (2) GREEN (LED) | ON | Light ON |
| | OFF | Light OFF |
| | FLICKER | LED Short Circuit |
| (3) BLUE (Battery) | ON | Battery Charged |
| | OFF | Battery Not Charged |
| | FLICKER | Battery Undervoltage |
| (4) RED (Panel) | ON | Battery Charged 100% |
| | OFF | Solar Panel Without Output |
| | FLICKER | Solar Panel Charging |
| (5) RED & GREEN & BLUE | CYCLE | Poor Cable Connection |



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REMOTE CONTROL

The All-in-One Pro Solar Light is equipped with a 433 remote controller. Each controller can reach a distance of 75 feet no matter the obstacles in between. A single controller can also manage multiple solar units.

Four lighting modes are available for the All-in-One Pro Solar Light. The mode should be selected according to the season for optimal charge and output.



User Manual for Remote Controller

DEMO: No matter the time of day, the light will turn ON for 1 minute.

OFF: No matter the time of day, the light will turn OFF.

L: At night, the light will turn on for (15) hours at 100% output.

T: At night, the light will turn on for (4) hours at 100% + (11) hours at 25%.

M: At night, (15) hours using motion sensor control.

U: At night, (4) hours at 100% + (11) hours using motion sensor control.