

SR-2050

ALL-IN-ONE SOLAR LED STREET LIGHT with MOTION SENSOR

BEAM ANGLE: 150° x 70°

INPUT VOLTAGE: DC 12V

POWER SUPPLY: Solar Panel + Battery

LUMINAIRE EPA: 2.38 ft²

LIFETIME: ≥ 50,000hrs

AMBIENT OPERATING TEMPERATURE: -4°F ~ +113°F

CHARGING TIME: 8 hours

LIGHTING DURATION: 10 hours

Housing: Durable aluminum housing with a built-in solar panel and motion sensor.

Mounting Options: Integrated slipfitter suitable for tenons up to 2.5". Slipfitter is 90° rotatable to accommodate both tenon and pole arm installations. Suggested mounting height is 20 feet.

Electrical: This All-In-One Solar Street Light comes with a high-performance solar panel and batteries that remove the need for a driver and wiring to the luminaire. Luminaire runs at 100% when motion is detected, dimming down to 30% after 10 seconds of no motion. At a 20 foot mounting height the detection distance is 25 feet.

Solar Energy Savings: 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.

Common Applications: Streets and residential areas, outdoor parking lots, housing developments.

Warranty: Three (3) year warranty on entire system. For more details on warranty conditions, please contact factory.



ORDERING GUIDE

| MODEL | WATTAGE | BEAM ANGLE | CRI | CCT | VOLTAGE |
|-------|---------|--------------------|-------|----------|---------|
| SR-2 | 050 | WW | 7 | 50 | D |
| | 050 50W | WW 150 x 70 DEGREE | 7 ≥70 | 50 5000K | D 12V |

ENERGY DATA

| | POWER | LUMENS | EFFICACY |
|-------|-------|----------|----------|
| 5000K | 50W | 5,000 lm | 100 lm/W |

MOTION SENSOR CONTROL



DAY



NIGHT



NIGHT with MOTION



Fixture is dimmed down to 30% power the first 4 hours of darkness, restoring to 100% when motion is detected.

The fixture is then dimmed down to 20% power, restoring to 60% when motion is detected for the remainder of the night.