



FREE TO SHINE

# HYBRID 365

LED SOLAR AREA LIGHT  
COMPARES TO 250W HID

NEW! Solera Solar Lighting Hybrid 365 introduces game-changing technology to leverage both solar and line voltage to power bright LED area lights, all night - every night. Hybrid 365 has an intelligent control module that knows to switch from cost-free solar power to line voltage only when the battery is depleted. Solera Solar Lighting's unique all-in-one design delivers high performance, ease of installation and adjustability – unlike any other solar lighting.



- Hybrid 365 area light switches from cost-free solar to line voltage, only when the long-lasting battery is depleted
- All-in-one design
- Exclusive long-lasting battery withstands extreme temperatures
- Easy to install and operate
- Adjustable solar panel — multiple mounting and lens types available
- Slip-fitter bracket included with fixture
- Fixture Operating Temperature Range = -40°F to 140°F  
Battery Charging Temperature Range = -4°F to 140°F



| PART #                      | UPC          | COMPARABLE TO | WATTAGE | LUMENS | CCT   | EPA  |
|-----------------------------|--------------|---------------|---------|--------|-------|------|
| SL-SAL-HYB-30W-40K-SF-BK-G1 | 844006051051 | 250W          | 30W     | 5900   | 4000K | 4.45 |



[solera-solar.com](http://solera-solar.com) • 847.380.3540



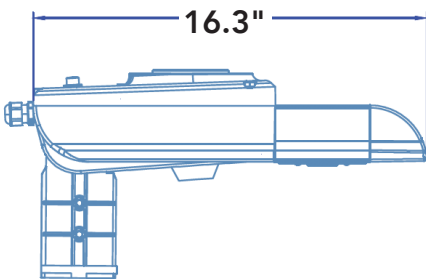
10.29.20 Information is subject to change without notice.



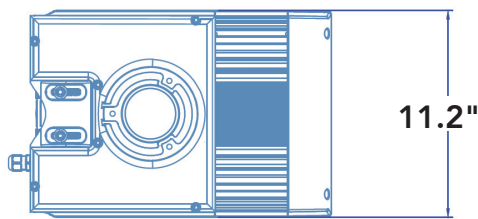
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Fixture Side View

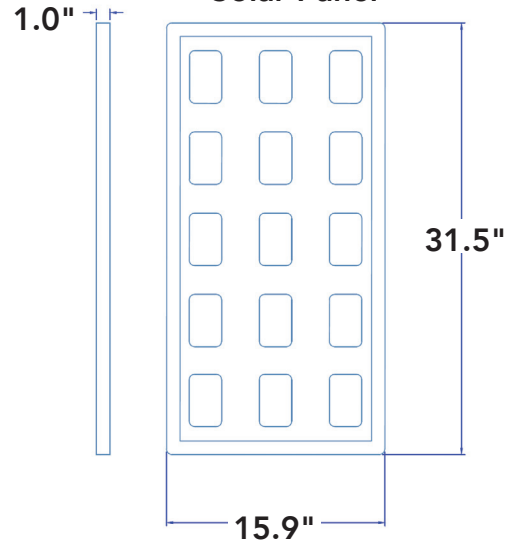


Fixture Top View



(Total fixture weight = 30lbs)

Solar Panel



ADDITIONAL BRACKETS MUST BE PURCHASED SEPARATELY (SLIP-FITTER BRACKET INCLUDED WITH FIXTURE)

ADDITIONAL BRACKETS & ACCESSORIES

| REMPHOS PART #             | DESCRIPTION             |
|----------------------------|-------------------------|
| SL-SAL-HYB-BKT-30W-RP-G1   | Round pole bracket      |
| SL-SAL-HYB-BKT-30W-SP-G1   | Square pole bracket     |
| SL-SAL-HYB-BKT-30W-TN-3-G1 | 3" square tenon bracket |
| SL-SAL-HYB-BKT-30W-RT-3-G1 | 3" round tenon bracket  |
| SL-SAL-HYB-BKT-30W-WM-G1   | Wall mount bracket      |



SL-SAL-HYB-BKT-30W-RP-G1



SL-SAL-HYB-BKT-30W-SP-G1



SL-SAL-HYB-BKT-30W-TN-3-G1



SL-SAL-HYB-BKT-30W-RT-3-G1



SL-SAL-HYB-BKT-30W-WM-G1

- **Default Setting - No Adjustments Necessary**

The default setting is Dusk 'till Dawn @ 80% first 2 hours, 50% constant & 80% w/ motion for the rest of the night.





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## Save with Solera Solar Lighting™ Hybrid 365

Innovative Solera Solar Lighting Hybrid 365 area lights reduce your reliance on the high cost power grid. Our exclusive intelligent control model minimizes use of line voltage to only when the long-lasting solar battery is depleted. Hybrid 365 is an economic and sustainable solution that substitutes free solar energy for line voltage during peak demand times such as summer days. **See examples below of potential annual savings with Solera Solar Lighting Hybrid 365 area lights.**

### Estimated Annual Energy Savings With Solera Solar Lighting™ Hybrid 365 Area Lights\*

|                      | Annual Cost to Operate HYBRID 365<br>30W Line Voltage | Annual Cost to Operate HID<br>250W Line Voltage | ESTIMATED ANNUAL ENERGY SAVINGS |                 |                  |
|----------------------|---|---|---------------------------------|-----------------|------------------|
|                      |   |   | 1 Area Light                    | x25 Area Lights | x100 Area Lights |
| Boston, MA           | \$6.32  | \$203.09  | \$196.77                        | \$4,919.25      | \$19,677.00      |
| New York, NY         | \$4.60  | \$163.75  | \$159.15                        | \$3,978.75      | \$15,915.00      |
| Montreal, Quebec CAN | \$6.49  | \$188.35  | \$181.86                        | \$4,546.50      | \$18,186.00      |
| Nashville, TN        | \$2.79  | \$107.45  | \$104.67                        | \$2,616.75      | \$10,467.00      |
| Miami, FL            | \$1.63  | \$119.18  | \$117.55                        | \$2,938.75      | \$11,755.00      |
| Chicago, IL          | \$4.17  | \$105.43  | \$101.26                        | \$2,531.50      | \$10,126.00      |
| Portland, OR         | \$2.73  | \$95.80   | \$93.07                         | \$2,326.75      | \$9,307.00       |
| Santa Maria, CA      | \$1.73  | \$186.60  | \$184.88                        | \$4,622.00      | \$18,488.00      |

\*Assumes default setting of Dusk 'till Dawn @ 80% first 2 hours, 50% constant & 80% w/ motion detected for the rest of the night. Area lights are fully programmable to adjust setting. Sources for Calculations: **Peak Sun Hours or Solar Radiation information** <https://www.nrel.gov/gis/solar.html>, **Sunrise and Sunset Times** <https://www.timeanddate.com/astronomy/usa>, **Line Voltage Costs (cents/kWh)** <https://www.eia.gov/electricity/state/>

### Solera Solar Lighting™ Hybrid 365 Solar Energy Use\*\* by Season

|                      | Summer | Winter | Spring/Fall | Annual |
|----------------------|--------|--------|-------------|--------|
| Boston, MA           | 71%    | 35%    | 64%         | 57%    |
| New York, NY         | 82%    | 36%    | 68%         | 62%    |
| Montreal, Quebec CAN | 72%    | 26%    | 61%         | 53%    |
| Nashville, TN        | 83%    | 38%    | 71%         | 64%    |
| Miami, FL            | 94%    | 63%    | 85%         | 81%    |
| Chicago, IL          | 68%    | 17%    | 53%         | 46%    |
| Portland, OR         | 98%    | 22%    | 70%         | 63%    |
| Santa Maria, CA      | 100%   | 66%    | 82%         | 83%    |

\*\*Average annual percentage of time in use based on: **Peak Sun Hours or Solar Radiation information** <https://www.nrel.gov/gis/solar.html>, **Sunrise and Sunset Times** <https://www.timeanddate.com/astronomy/usa>. Balance of percentage of time is powered by line voltage.

