

# Solar Lighting Kit

Verify specs at:  
[www.lightingglobal.org/specs/sr-sry001e](http://www.lightingglobal.org/specs/sr-sry001e)

## Overall Performance

**65 lumens for 4.2 hours  
after one day of solar charging**



## General Information

|              |                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------|
| Manufacturer | Shanghai Roy Solar Co., Ltd.                                                                  |
| Product Name | Solar Lighting Kit                                                                            |
| Model Number | SRY-001e                                                                                      |
| Contact      | <a href="mailto:roysolarliu@yahoo.com.cn">roysolarliu@yahoo.com.cn</a>                        |
| Website      | <a href="http://www.roysolar.com">www.roysolar.com</a>                                        |
| Warranty     | 1 year warranty against material or manufacturing defects<br>5 year warranty for solar module |

## Run Time

|                                        |           |
|----------------------------------------|-----------|
| Autonomous Run Time (full battery)     | 5.9 hours |
| Lighting hours per solar day (PV only) | 4.2 hours |

## Lighting System

|                            |           |
|----------------------------|-----------|
| Lamp type                  | LED       |
| Light output               | 65 lumens |
| Light output at 2000 hours | 62 lumens |

Light  
Distribution



Color Appearance

Warm (more red) Daylight Cool (more blue)

Color Rendering

(50%) (100%)

CRI: 79

## Charging System

|                |    |
|----------------|----|
| Charge type(s) | PV |
|----------------|----|

## Storage System

|                             |                           |
|-----------------------------|---------------------------|
| Storage Type                | Rechargeable NiMH battery |
| Nominal Battery Voltage     | 6 volts DC                |
| Battery Capacity            | 800 mAh                   |
| Battery Protection          | Active HVD and LVD        |
| Easily Replaceable Battery? | Yes                       |

## Additional Information & Special Features

|                       |                   |
|-----------------------|-------------------|
| Mobile Charging       | Adapters included |
| Factory Certification | CE                |

## Date of Sample Procurement for Testing

January, 2012

Revision 2012.09