

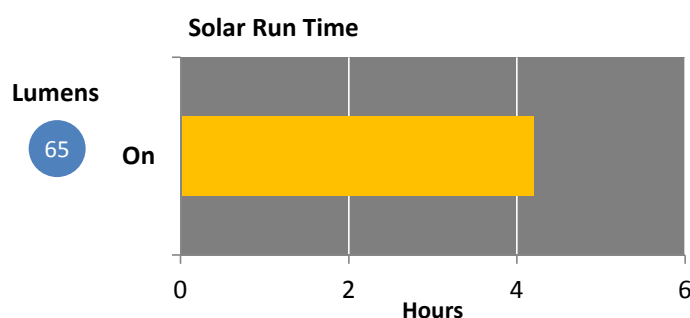
# Solar Lighting Kit

Shanghai Roy Solar Co., Ltd.

Results based on test procedures detailed in  
IEC 62257-9-5, ed. 2.0

Verify Online: [www.lightingglobal.org/products/sr-sry001e](http://www.lightingglobal.org/products/sr-sry001e)

Valid Until: July, 2014



**Meets Lighting Global Minimum Quality Standards**



**Mobile Charging**

**1**

**Light Point**



## Warranty Information

A 1-year warranty against material or manufacturing defects; a 5-year warranty for the solar module.

## Performance Details

Performance Measure	Brightness Setting***
	On
Full battery run time* (hours)	5.9
Run time per day of solar charging* (hours)	4.2
Total light output (lumens)	65
Total area with illumination > 25 lux** (m <sup>2</sup> )	0
Total lighting service (lumen-hours / solar-day)	270

\* Run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

\*\* Total area with illumination > 25 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

\*\*\* Additional brightness settings (not tested):

## Lighting Details

Lamp type	LED
Description of light points	14 LEDs
Colour characteristics	CRI 79 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	96% of the original output remains after 2,000 hours run time

**Special Features**

Mobile charging	Adapters included to charge mobile phone from battery
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**Durability**

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, physical ingress protection test, and no water ingress protection

**Solar Details**

PV module type	Monocrystalline silicon
PV maximum power point	1.3 watts

**Battery Details**

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Nickel-metal hydride
Battery package type	--
Battery capacity	800 mAh
Battery nominal voltage	6 V
Appropriate battery protection circuit	Pass

**Marks and Certifications**

Other certification	CE
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**Product Details**

Manufacturer name	Shanghai Roy Solar Co., Ltd.
Product name	Solar Lighting Kit
Product model / ID number	SRY-001e
Contact information	roysolarliu@yahoo.com.cn
Website	www.roysolar.com

**SSS Information**

Specs sheet expiration date	July, 2014
Minimum Quality Standards Framework Version	2012
Revision	2014.01