

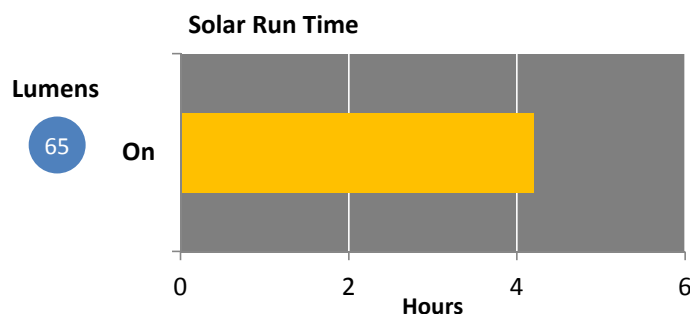
Solar Lighting Kit

Shanghai Roy Solar Co., Ltd.

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

Verify Online: www.lightingglobal.org/specs/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 ²)	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	2013.09