

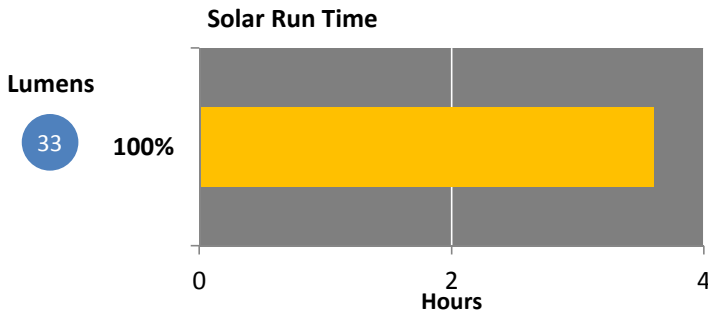
# Solar Kit 1.3

## SolarWorks!

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

Verify Online: [www.lightingglobal.org/specs/ls-pharox-solar-kit](http://www.lightingglobal.org/specs/ls-pharox-solar-kit)

Valid Until: December, 2013



 **Meets Lighting Global Minimum Quality Standards**

 **Mobile Charging**

**1 Light Point**

## Warranty Information

Warranted against defects in materials and manufacturing defects under ordinary operating conditions for 12 months from the date of original purchase. Battery covered for six months. For the official warranty please refer to the full warranty text enclosed with the product.

## Performance Details

Performance Measure	Brightness Setting***
	100%
Full battery run time* (hours)	9.1
Run time per day of solar charging* (hours)	3.6
Total light output (lumens)	33
Total area with illumination > 25 lux** (m <sup>2</sup> )	0.9
Total lighting service (lumen-hours / solar-day)	120

\* 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): 50%, 20%

## Lighting Details

Lamp type	LED
Description of light points	3 LEDs
Colour characteristics	CRI 75 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	73% of the original output remains after 2,000 hours run time

### Special Features

Mobile charging	10 adapter "tips" included to charge mobile phone from battery
Auxiliary power connections	12 V car charger, adapter, car battery clamps with connector

### Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, physical ingress protection test, and protection from occasional rain

### Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	1.1 watts

### Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Sealed lead-acid
Appropriate battery protection circuit	Pass
Replacement batteries are available from the product manufacturer	

### Marks and Certifications

Factory certification	ISO 9001:2008, ISO 14001:2004
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### Product Details

Manufacturer name	SolarWorks!
Product name	Solar Kit 1.3
Product model / ID number	1.3
Contact information	a.devroomen@solar-works.nl
Website	www.solar-works.nl

### SSS Information

Specs sheet expiration date	December, 2013
Minimum Quality Standards Framework Version	2011
Revision	2013.09