

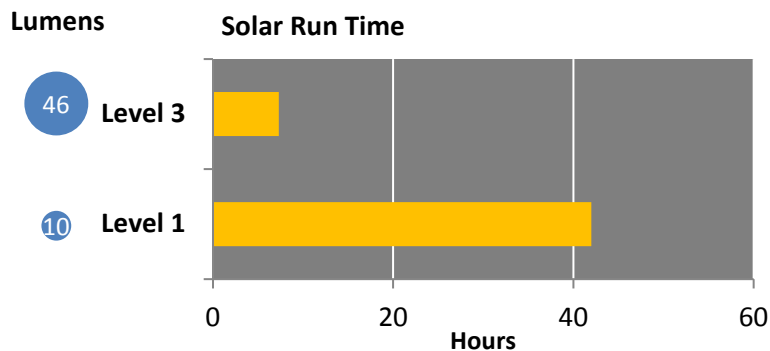
# Solar Kit Lithium

SolarWorks!

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

Verify Online: [www.lightingglobal.org/products/sw-skl](http://www.lightingglobal.org/products/sw-skl)

Valid Until: November 30, 2016



**Meets Lighting Global Minimum  
Quality Standards**



**Mobile Charging**

**1**

**Light Point**



## Warranty Information

A 1-year warranty covering defects in materials and manufacturing under ordinary operating conditions

## Performance Details

Performance Measure	Brightness Setting***	
	Level 3	Level 1
Full battery run time* (hours)	8.6	51
Run time per day of solar charging* (hours)	7.3	42
Total light output (lumens)	46	10
Total area with illumination > 50 lux** (m <sup>2</sup> )	0	--
Total lighting service (lumen-hours / solar-day)	340	420

\* 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 > 50 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): Level 2

## Lighting Details

Lamp type	LED
Description of light points	3 LEDs in a sphere-shaped enclosure with a handle, lens and battery
Colour characteristics	CRI 82 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	96% of the original output remains after 2,000 hours run time

<b>Special Features</b>	
Mobile charging	USB 10 plug multi-cable included
<b>Durability</b>	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and no water ingress protection
<b>Solar Details</b>	
PV module type	Polycrystalline silicon
PV maximum power point	1.8 watts
<b>Battery Details</b>	
Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	Single cylindrical cell
Battery capacity	2000 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass
<b>Marks and Certifications</b>	
Factory certification	ISO 9001
<b>Product Details</b>	
Manufacturer name	SolarWorks!
Product name	Solar Kit Lithium
Contact information	a.devroomen@solar-works.nl
Website	www.solar-works.nl
<b>SSS Information</b>	
Specs sheet expiration date	November 30, 2016
Minimum Quality Standards Framework Version	2014
Revision	2015.04