Solar Home Lighting System

Philips

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

Lumens

Solar Run Time

76 — **Two lamps**

38 — **One lamp**

(Hours: 0, 2, 4, 6)
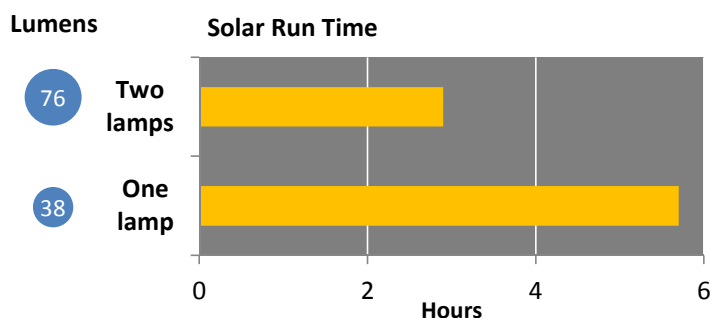
✔ **Meets Lighting Global Minimum Quality Standards**

📱 **Mobile Charging**

2 **Light Points**

Warranty Information

A 1-year warranty covers defects in manufacturing under typical use (see detailed terms for more information).

Performance Details

Performance Measure	Brightness Setting***	
	Two lamps	**One lamp**
Full battery run time* (hours)	5.3	11
Run time per day of solar charging* (hours)	2.9	5.7
Total light output (lumens)	76	38
Total area with illumination > 25 lux** (m^2)	0.92	0.46
Total lighting service (lumen-hours / solar-day)	220	220

* 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	10 LEDs per light point
Colour characteristics	CRI 85 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	105% of the original output remains after 2,000 hours run time

Special Features	
Mobile charging	Power available at 5 V, mini-USB connector
Lamp housing	ABS

Durability	
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

Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	3.3 watts

Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Sealed lead-acid
Battery package type	Width = 45 mm Height = 100 mm Depth = 45 mm
Battery capacity	4000 mAh
Battery nominal voltage	4 V
Appropriate battery protection circuit	Pass

Marks and Certifications	
Factory certification	ISO 9000

Product Details	
Manufacturer name	Philips
Product name	Solar Home Lighting System
Product model / ID number	915002643401
Contact information	maciej.debowski@philips.com
Website	www.philips.com/offgridlighting

SSS Information	
Specs sheet expiration date	February, 2014
Minimum Quality Standards Framework Version	2013
Revision	2014.01