

Solar Home Light Kit

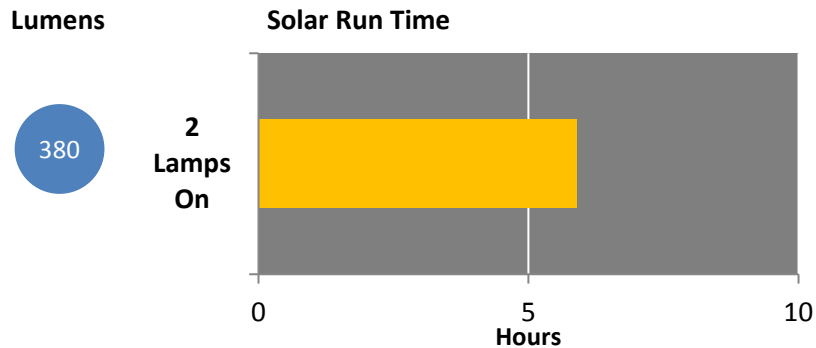
Chaohu Venus Solar Technology Co., Ltd



Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Verify Online:

www.lightingglobal.org/products/sez-vek8l

Valid Until: November 30, 2018



-  **Meets Lighting Global Quality Standards**
-  **Mobile Charging**
- 2 Light Points**

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting
	2 Lamps On
Full battery run time* (hours)	9.8
Run time per day of solar charging* (hours)	5.9
Total light output (lumens)	380
Total area with illumination > 50 lux** (m ²)	0.4
Total lighting service (lumen-hours / solar-day)	2200

* 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.

Lighting Details

Lamp type	LED
Description of light points	15 LEDs in each of two lamps
Colour characteristics	CRI 68 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	90% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Customer provides adaptors for mobile phone charging
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Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	11 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	8x1865 package
Battery capacity	15000 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	Chaohu Venus Solar Technology Co., Ltd
Product name	Solar Home Light Kit
Product model / ID number	VEK-8L
Contact information	hai.xu@ezrenewables.com
Website	www.ezrenewables.com

SSS Information

Specs sheet expiration date	November 30, 2018
Quality Standards Framework Version	2016
Revision	2016.11