

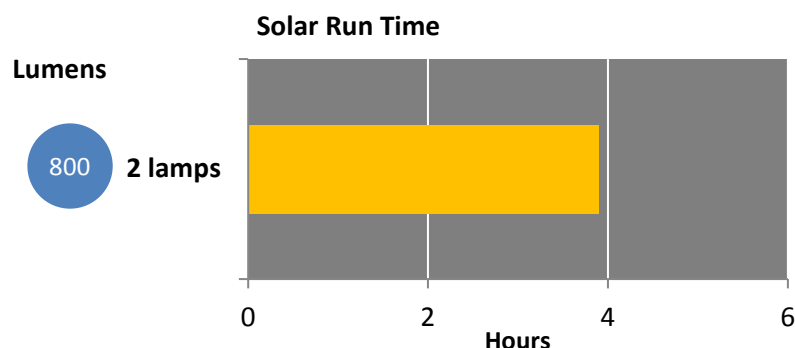
# AKARi Solar Light Kit

GS Yuasa International Ltd.

Verify Online: [www.lightingglobal.org/products/yu-akari](http://www.lightingglobal.org/products/yu-akari)

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

Valid Until: August 31, 2016



**Meets Lighting Global Minimum  
Quality Standards**



**Mobile Charging**

**2**

**Light Points**



## Warranty Information

A 12-month warranty is provided with a valid warranty card.

## Performance Details

Performance Measure	Brightness Setting***
	2 lamps
Full battery run time* (hours)	5.6
Run time per day of solar charging* (hours)	3.9
Total light output (lumens)	800
Total area with illumination > 50 lux** (m <sup>2</sup> )	1.2
Total lighting service (lumen-hours / solar-day)	2800

\* 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): Brightness is adjustable by a dial and individual light points may be turned off. Lights were tested with both light points on at 100% brightness.

## Lighting Details

Lamp type	LED
Description of light points	2 fixtures with 18 LEDs each
Colour characteristics	CRI 81 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	94% of the original output remains after 2,000 hours run time

Special Features	
Mobile charging	Adapters included to charge mobile devices
Other special features (not tested):	Radio, Mosquito Killer, Mini fan

Durability	
Overall durability and workmanship	Pass
Durability tests passed	Switch and connector cycling, strain relief test, physical ingress protection test. No water protection required as considered fixed indoor product.

Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	10 watts

Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Sealed lead-acid
Battery package type	90 mm x 70 mm x 102 mm with quick-release terminals
Battery capacity	4200 mAh
Battery nominal voltage	12 V
Appropriate battery protection circuit	Pass

Product Details	
Manufacturer name	GS Yuasa International Ltd.
Product name	AKARi Solar Light Kit
Product model / ID number	ASLK-4251G3
Contact information	kentaro.kubo@jp.gs-yuasa.com
Website	<a href="http://www.gs-yuasa.com/gyin/en/">http://www.gs-yuasa.com/gyin/en/</a>

SSS Information	
Specs sheet expiration date	August 31, 2016
Minimum Quality Standards Framework Version	2014
Revision	2015.04