

SunAce II

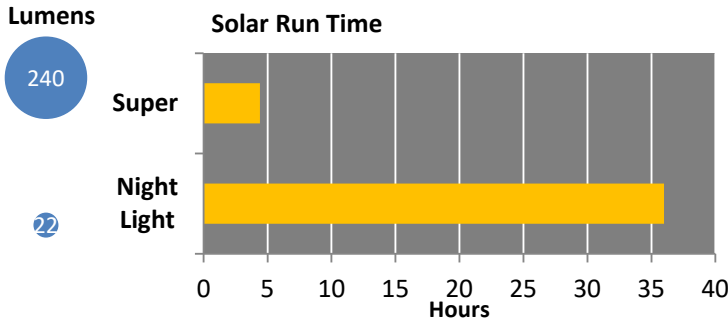
Sinoware Technology Co. Ltd.

Verify Online:

www.lightingglobal.org/products/sino-sa

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

Valid Until: October 31, 2020



Meets Lighting Global Quality Standards

Mobile Charging

2 Light Points

Warranty Information

2 year warranty covering manufacturing defects, but not normal use and tear or abuse. The warranty is void if the product is tampered with in any way, or if the case is opened by an unauthorized repair person.

Performance Details

Performance Measure	Brightness Setting***	
	Super	Night Light
Full battery run time* (hours)	4.9	53
Run time per day of solar charging* (hours)	4.4	36
Total light output (lumens)	240	22
Total area with illumination > 50 lux** (m ²)	0.99	--
Total lighting service (lumen-hours / solar-day)	1100	790

* 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): High, Normal

Lighting Details

Lamp type	LED
Description of light points	One main lamp with 20 LEDs and torch with 1 LED
Colour characteristics	CRI Main Unit 83; Torch 87 CCT "Cool" (5000-7000 K)
Distribution type	Omnidirectional
Lumen maintenance	99% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
Torch/Remote	Torch acts as wireless remote to turn Main lamp on/off
Metal Stand	Detachable stand allows product to be used as a desk lamp

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. protection from frequent rain

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	3 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	Main Unit 26650; Torch 14500
Battery capacity	Main Unit 3200 mAh; Torch 500 mAh
Battery nominal voltage	Main Unit and Torch 3.2 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	Sinoware Technology Co. Ltd.
Product name	SunAce II
Product model / ID number	--
Contact information	tommyhuang@sinoware.com.cn
Website	www.sinoware.com.cn

SSS Information

Specs sheet expiration date	October 31, 2020
Quality Standards Framework Version	2018
Revision	2018.10