

Solar Power Ball

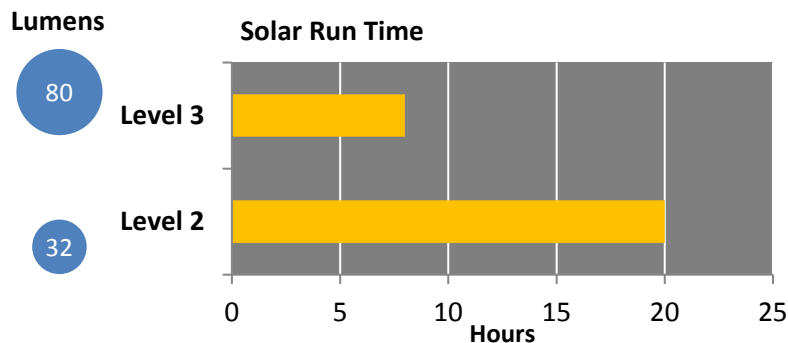
SolarWorks!

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

Verify Online:

www.lightingglobal.org/products/sw-spb

Valid Until: January 31, 2019



**Meets Lighting Global
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 2
Full battery run time* (hours)	9.1	24
Run time per day of solar charging* (hours)	8	20
Total light output (lumens)	80	32
Total area with illumination > 50 lux** (m ²)	--	--
Total lighting service (lumen-hours / solar-day)	640	640

* 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 1

Lighting Details

Lamp type	LED
Description of light points	Three LEDs in a sphere with a frosted cover
Colour characteristics	CRI 83 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	98% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	USB 10 plug multi-cable included
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Durability

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

PV module type	Polycrystalline silicon
PV maximum power point	1.7 watts

Battery Details

Battery replaceability	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

Marks and Certifications

Factory certification	ISO 9001:2008
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Product Details

Manufacturer name	SolarWorks!
Product name	Solar Power Ball
Product model / ID number	2.0
Contact information	info@solar-works.nl
Website	www.solar-works.nl

SSS Information

Specs sheet expiration date	January 31, 2019
Quality Standards Framework Version	2017
Revision	2017.01