

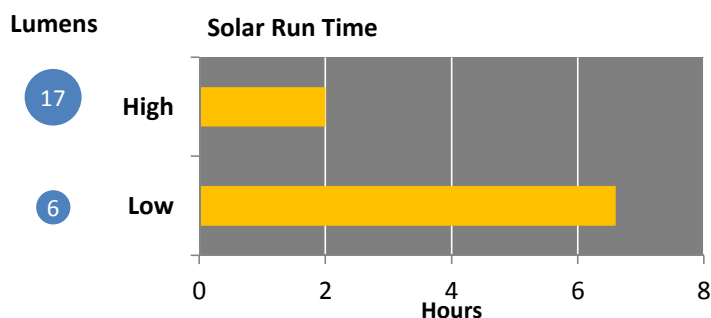
Solar Light Bulb

Nokero International Ltd.

Verify Online: www.lightingglobal.org/products/nk-n200

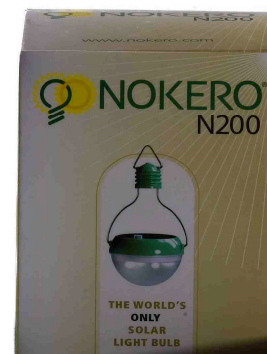
Results based on test procedures detailed in
IEC 62257-9-5, ed. 2.0

Valid Until: December, 2013



Meets Lighting Global Minimum
Quality Standards

1 Light Point



Warranty Information

Nokero warrants products to be free of defect in workmanship and material for a period of 12 months from the date of shipment. Please see nokero.com/privacy.php for more information.

Performance Details

Performance Measure	Brightness Setting***	
	High	Low
Full battery run time* (hours)	5.7	21
Run time per day of solar charging* (hours)	2	6.6
Total light output (lumens)	17	6.2
Total area with illumination > 25 lux** (m ²)	0	0
Total lighting service (lumen-hours / solar-day)	34	41

* 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	4 LEDs
Colour characteristics	CRI 67 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	81% of the original output remains after 2,000 hours run time

Durability

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

Solar Details

PV module type	CIS
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Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Nickel-metal hydride
Appropriate battery protection circuit	Pass
Replacement batteries are available in the open market or directly from Nokero	

Marks and Certifications

Factory certification	ISO 9001-3, ISO 14001-3, OHSAS 18001-3
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Product Details

Manufacturer name	Nokero International Ltd.
Product name	Solar Light Bulb
Product model / ID number	N200
Contact information	orders@nokero.com
Website	www.nokero.com

SSS Information

Specs sheet expiration date	December, 2013
Minimum Quality Standards Framework Version	2011
Revision	2014.01