

NL3-1000

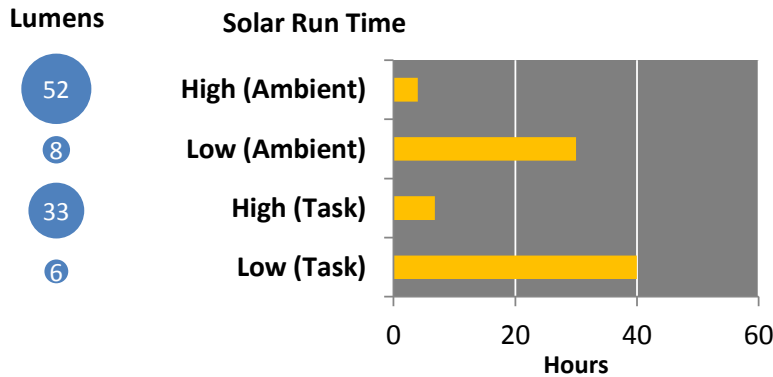
Nuru Energy

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

Verify Online:

www.lightingglobal.org/products/nuru-nl31000

Valid Until: March 31, 2017



Meets Lighting Global Quality Standards

Mobile Charging

1 Light Point

Warranty Information

A 1-year warranty covering defects in materials and manufacturing

Performance Details

Performance Measure	Brightness Setting***			
	High (Ambient)	Low (Ambient)	High (Task)	Low (Task)
Full battery run time* (hours)	4.3	30	6.8	41
Run time per day of solar charging* (hours)	4.0	30	6.8	40
Total light output (lumens)	52	8.0	33	6.0
Total area with illumination > 50 lux** (m ²)	0.0	--	0.16	--
Total lighting service (lumen-hours / solar-day)	210	240	220	240

* 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): Medium (Ambient), Medium (Task)

Lighting Details

Lamp type	LED
Description of light points	A single light point that contains two LED arrays: 1 LED used as a headlamp, and 2 LEDs used for ambient lighting
Colour characteristics	CRI 74 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	100% of the original output remains after 2,000 hours run time

Special Features	
Mobile charging	Adapters included to charge mobile phone from battery
Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and protection from occasional rain
Solar Details	
PV module type	Monocrystalline silicon
PV maximum power point	1.6 watts
Battery Details	
Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	1850 cell
Battery capacity	1000 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass
Marks and Certifications	
Factory certification	ISO 9001:2008
Product Details	
Manufacturer name	Nuru Energy
Product name	NL3-1000
Product model / ID number	--
Contact information	stremeer@nuruenergy.com
Website	www.nuruenergy.com
SSS Information	
Specs sheet expiration date	March 31, 2017
Quality Standards Framework Version	2015
Revision	2015.04