

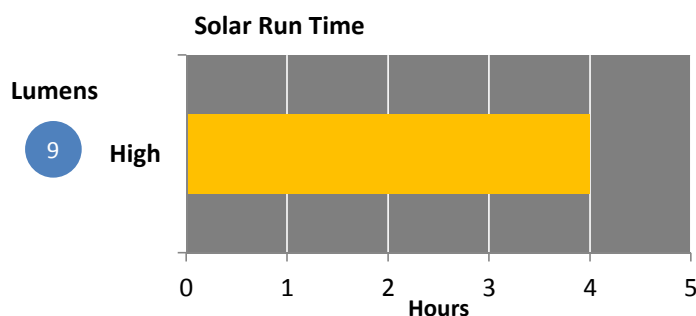
# Nuru Light + PV Module

Nuru Energy

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

Verify Online: [www.lightingglobal.org/products/nuru-pv](http://www.lightingglobal.org/products/nuru-pv)

Valid Until: September, 2014



Meets Lighting Global Minimum  
Quality Standards

1 Light Point



**NOTE:** This SSS is only valid for the exact product and components listed (i.e., Nuru Light and PV module).

## Warranty Information

Nuru Energy offers a one-year warranty from the date of purchase against any faults in materials or manufacturing.

## Performance Details

Performance Measure	Brightness Setting***
	High
Full battery run time* (hours)	11
Run time per day of solar charging* (hours)	4
Total light output (lumens)	8.5
Total area with illumination > 25 lux** (m <sup>2</sup> )	0.12
Total lighting service (lumen-hours / solar-day)	34

\* 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): Medium, Low

## Lighting Details

Lamp type	LED
Description of light points	Single LED
Colour characteristics	CRI 78 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	101% of the original output remains after 2,000 hours run time

### Special Features

Task light illumination	0.12 m2 of illumination greater than 25 lux
Mounting options	Headstrap (to wear product on head or around neck); detachable hook (for wall, ceiling, or top of bottle)

### 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	Polycrystalline silicon
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### Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Nickel-metal hydride
Appropriate battery protection circuit	Pass

### Marks and Certifications

Factory certification	ISO 9001:2008
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### Product Details

Manufacturer name	Nuru Energy
Product name	Nuru Light + PV Module
Product model / ID number	NL1
Contact information	info@nuruenergy.com
Website	www.nuruenergy.com

### SSS Information

Specs sheet expiration date	September, 2014
Minimum Quality Standards Framework Version	2012
Revision	2014.01