

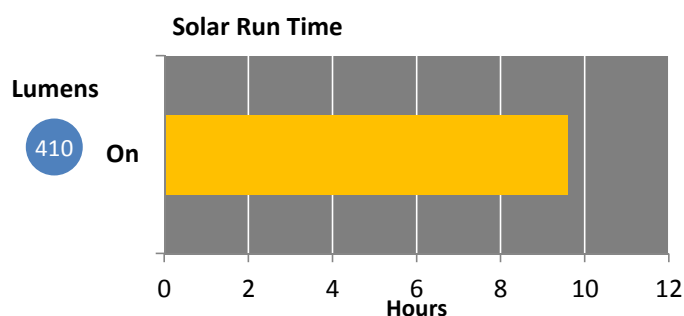
# LED Solar Home Lighting System

Schneider Electric

Verify Online: [www.lightingglobal.org/specs/se-gn11j-5](http://www.lightingglobal.org/specs/se-gn11j-5)

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

A limited warranty of 10 years for the solar panel and 1 year for the LED lamp and backup unit from the date of delivery specified on the invoice to the original purchaser.

## Performance Details

Performance Measure	Brightness Setting***
	On
Full battery run time* (hours)	9.6
Run time per day of solar charging* (hours)	9.6
Total light output (lumens)	410
Total area with illumination > 25 lux** (m <sup>2</sup> )	1
Total lighting service (lumen-hours / solar-day)	3900

\* 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	90 LEDs
Colour characteristics	CRI 85 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	96% 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, strain relief test, physical ingress protection test, and no water ingress protection

**Solar Details**

PV module type	Polycrystalline silicon
PV maximum power point	11 watts

**Battery Details**

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Sealed lead-acid
Battery package type	--
Battery capacity	5000 mAh
Battery nominal voltage	12 V
Appropriate battery protection circuit	Pass

**Marks and Certifications**

Factory certification	ISO 9001:2000, ISO 14011-2004, OSHAS ISO 18001-2007
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**Product Details**

Manufacturer name	Schneider Electric
Product name	LED Solar Home Lighting System
Product model / ID number	GN11J-5
Contact information	roshini.dsouza@in.schneider-electric.com
Website	www.schneider-electric.com

**SSS Information**

Specs sheet expiration date	December, 2013
Minimum Quality Standards Framework Version	2011
Revision	2013.09