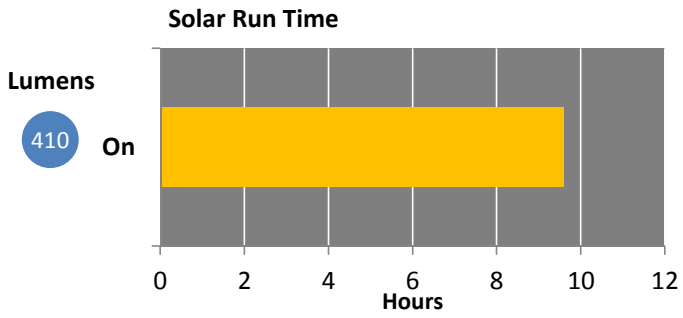
LED Solar Lighting System—Mains Input

Schneider Electric

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

Verify Online: www.lightingglobal.org/products/se-gn11j-1

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

	Brightness Setting***
Performance Measure	**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^2)	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

Product Details	
Manufacturer name	Schneider Electric
Product name	LED Solar Lighting System—Mains Input
Product model / ID number	GN11J-1
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
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