

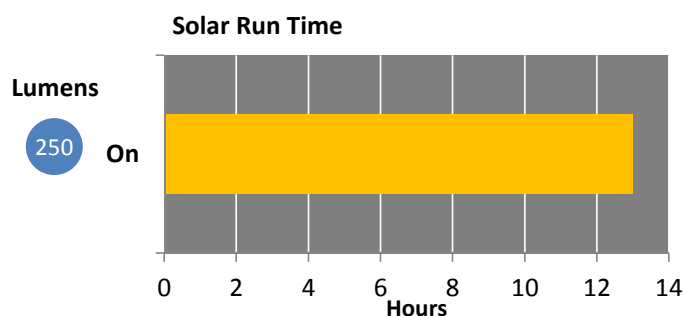
In-Diya 2: LED Solar Home Lighting System (2.5W)

Schneider Electric

Verify Online: www.lightingglobal.org/specs/se-sb-2.5w

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

Valid Until: November, 2014



Meets Lighting Global Minimum
Quality Standards

1

Light Point



Warranty Information

A 1-year limited warranty covering the LED lamp and backup unit. A 10-year limited warranty covering the solar module.

Performance Details

Performance Measure	Brightness Setting***
	On
Full battery run time* (hours)	21
Run time per day of solar charging* (hours)	13
Total light output (lumens)	250
Total area with illumination > 25 lux** (m ²)	1
Total lighting service (lumen-hours / solar-day)	3300

* 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	21 LEDs
Colour characteristics	CRI 72 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	104% 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	Monocrystalline silicon
PV maximum power point	10 watts
Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Sealed lead-acid
Battery package type	Width = 90 mm Height = 106 mm Depth = 70 mm
Battery capacity	5300 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	In-Diya 2: LED Solar Home Lighting System (2.5W)
Product model / ID number	AEH-LB13-SB-2.5W
Contact information	roshini.dsouza@in.schneider-electric.com
Website	www.schneider-electric.com
SSS Information	
Specs sheet expiration date	November, 2014
Minimum Quality Standards Framework Version	2012
Revision	2013.09