

Mobiya Lite

AEP-LL01-S1000

Schneider Electric Industries SAS

Results based on test procedures detailed in IEC 62257-9-5 v.4

Verify online:

www.lightingglobal.org/products/se-myalite

Valid until: December 31, 2021



Meets the Lighting Global Pico-PV Quality Standards



Mobile charging

1

Light point(s)



Plug-and-play



WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system.

PERFORMANCE DETAILS

	Appliance ^a	Description	Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	
			Used alone ^b	Used in combination ^c
included in kit	Integrated lamp	1 light point on high totaling 110 lumens and 0.8 W power	6 hours	2.6 hours
sold separately	Mobile phone	Basic phone (3.7 Wh battery)	1 full charge(s)	0.6 full charge(s)

Available daily electrical energy^c (Wh/day) 5

Performance measure	Brightness setting: high
Lighting full battery run time ^d for main unit (hours)	6
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any auxiliary lights included with the product)	660

^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

^b Without any other loads used during the run time

^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

^d Lighting full battery 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.

LIGHTING DETAILS


Lamp name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Integrated lamp	1	5	High	110	140	74	5000	Wide	98%

^e Lumen efficacy is the power consumption at a light point during the light output test.

^f Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

^g Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

^h Percent of the original light output that remains after 2,000 hours of run time

SPECIAL FEATURES**Mounting**  **The lamp has a handle with a hole and a hook that can be mounted in multiple ways.****PORTS****1****USB 2.0 type A**

Mobile phones can be charged. Adapters are included.

DURABILITY

Overall durability and workmanship	Pass	
Durability tests passed	Switch test, Drop test, Strain relief test, physical ingress protection.	
Level of water protection	Integrated lamp	has protection from frequent rain; met IPX4
	PV module	Has protection from permanent outdoor exposure.

SOLAR DETAILS

PV module type	Polycrystalline silicon
PV maximum power	1.7 watts

BATTERY DETAILS

Battery replaceability	Not easily replaceable with common tools.
Battery chemistry	Lithium iron phosphate
Battery package type	18650
Battery capacity	1.6 Ah
Battery nominal voltage	3.2 V
Battery status indication	The indicator shows charging and discharging conditions.

MARKS AND CERTIFICATIONS

Factory certification	ISO9001:2015
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PRODUCT DETAILS

Manufacturer name	Schneider Electric Industries SAS
Product name	Mobiya Lite
Product model / ID number	AEP-LL01-S1000
Contact information	prashanth.nagaraja@se.com
Website	www.se.com
Dimensions (entire product in package)	13.5 x 7 x 17.3 cm
Mass	489 g

SSS INFORMATION

Specs sheet expiration date	December 31, 2021
Quality standards framework version	2019
Revision	2019.12