Solar Home	System -	Prime with 2	2 80 W	panels
Prime				

Its based on test procedures detailed in

Verify online: https://data.verasol.org/products/sek/lumos-pb9 Valid until: April 30, 2023

Meets the Lighting Global Solar Home System Kit Quality Standards

- Mobile charging
- Pay-As-You-Go option available
- Light point(s)
 - Plug-and-play



WARRANTY INFORMATION Product is offered with a rental agreement only. Warranty coverage varies by component, with all components covered for a minimum of 2 years.

PAYG

2

ERFORMANCE DETAILS						
				Run time after a typica	I day of solar charging	
		_		(assuming 5kWh/m²/day)		
		Appliance ^a	Description	Used alone ^b	Used in combination ^c	
	included in kit	Main lighting unit	2 light points on high totaling 1050 lumens and 14 W power	16 hours	7.1 hours	
	sold separately	Mobile phone	Basic phone (3.7 Wh battery)	43 full charge(s)		
		Television	24" diagonal (18 W power consumption while in-use)	18 hours	4 hours	
		Fan	40 cm table fan (10 W power)	29 hours	10 hours	
		Radio	Portable radio (Li-ion battery: 1 Ah, 3.7 V) with rated power consumption of 0.5 W.	320 hours	6.8 hours	
		Smart phone	Smart phone (5.7 Wh battery)	30 full charge(s)	2.3 full charge(s)	
		Tablet	Tablet Computer (15 Wh battery)	13 full charge(s)		

Available daily electrical energy^c (Wh/day)

Performance measure	Brightness setting: High
Lighting full battery run time ^d for main unit (hours)	16
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	16800

290

^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 (Im)	Lumen efficacy ^e (Im/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
LED bulb	2	3	High	520	82	82	6400	Omnidirectional	100%
^e Lumen efficacy is the power consumption at a light point during the light output test.									

¹ Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.
 ⁹ 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

2 USB 2.0 type A Image: Mobile phones and radios can be charged. Adapters are included 4 Barral jack 12 V ports available to charge devices and power appliances and light points. 1 Cigarette lighter 12 V ports available to charge devices and power appliances. Advertised AC inverter that is compatible with this port is not entited by Vars3. Durability the start is port and user is port appliances. Advertised AC inverter that is compatible with this port is not entited by Vars3. Durability tests passed Pass Durability tests passed Source to entitle dy Vars3. Main Unit Vardate the start is port in close on the steed, meant for indoor exposure Power with the start in the port is not indoor exposure Power with the start is post in close in the start in the post in close on the steed, meant for indoor exposure Power with the start is post in close in the steed on the steed, meant for indoor exposure Power with the start is post in close in the steed on	PORTS							
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