

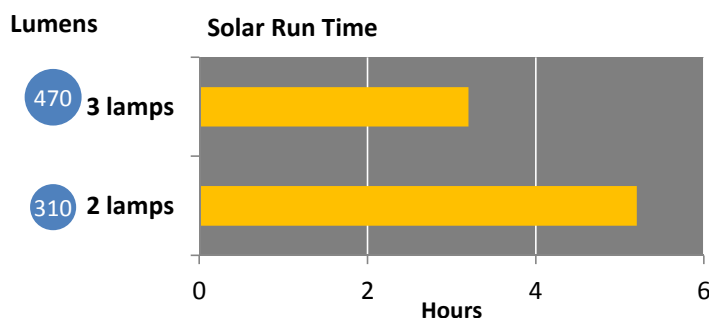
# Solar Home Lighting System

Global Telelinks

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

Verify Online: [www.lightingglobal.org/products/gt-shls](http://www.lightingglobal.org/products/gt-shls)

Valid Until: October, 2014



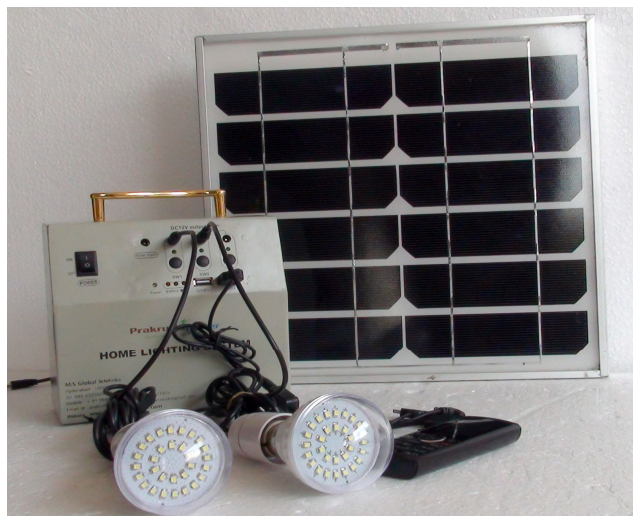
Meets Lighting Global Minimum  
Quality Standards



Mobile Charging

3

Light Points



## Warranty Information

A 10-year warranty for the solar panel, 1-year warranty for the electronics and lamps, and 6-month warranty for the battery.

## Performance Details

Performance Measure	Brightness Setting***	
	3 lamps	2 lamps
Full battery run time* (hours)	5.1	7.1
Run time per day of solar charging* (hours)	3.2	5.2
Total light output (lumens)	470	310
Total area with illumination > 25 lux** (m <sup>2</sup> )	1	--
Total lighting service (lumen-hours / solar-day)	1500	1600

\* 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): 1 lamp

## Lighting Details

Lamp type	LED
Description of light points	30 LEDs per light point
Colour characteristics	CRI 73 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	83% of the original output remains after 2,000 hours run time

Special Features	
Mobile charging	Adapters included to charge mobile phone from battery
Charge indicator	Three LEDs to indicate state of battery charge
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	9.7 watts
Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Sealed lead-acid
Battery package type	Width = 65 mm Height = 93 mm Depth = 150 mm
Battery capacity	5200 mAh
Battery nominal voltage	12 V
Appropriate battery protection circuit	Pass
Product Details	
Manufacturer name	Global Telelinks
Product name	Solar Home Lighting System
Product model / ID number	SHLS
Contact information	prakruthipower@gmail.com, cvraosd@gmail.com
Website	www.prakruthipower.com
SSS Information	
Specs sheet expiration date	October, 2014
Minimum Quality Standards Framework Version	2012
Revision	2014.01