

Home Sunshine

Total

Verify Online:

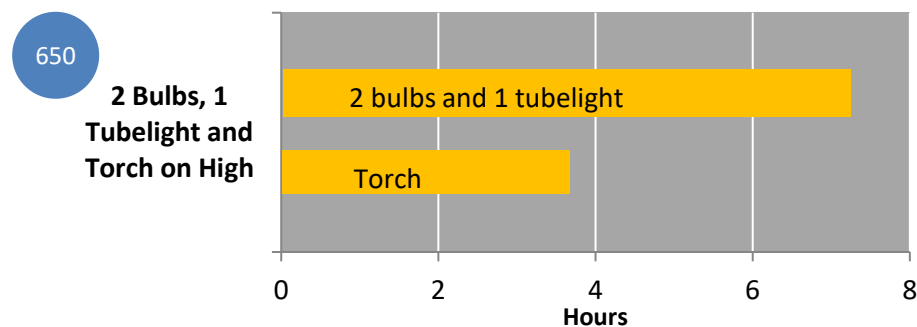
Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

<https://data.verasol.org/products/sek/to-hs>

Valid Until: January 31, 2022

Lumens

Solar Run Time



Meets Lighting Global Quality Standards



Mobile Charging

4

Light Points

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Bright	Brightness Setting**		
	2 Bulbs, 1 Tubelight and Torch on High	2 bulbs and 1 tubelight on high	Torch on High
Full battery run time* (hours)	--	7.9	3.9
Run time per day of solar charging* (hours)	6 (Bulbs and tubelight) 3.5 (torch)	7.2	--
Total light output (lumens)	480 (Bulbs and tubelight) 170 (torch)	480	170
Total lighting service (lumen-hours / solar-day)	3500	3500	--

* 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. Calculated using the Energy Service Calculations.

**Additional brightness settings not tested: Light Bulb on Normal, Tubelight on Normal, Torch on Normal

Lighting Details	Bulb	Tubelight	Torch
Description of light points	2 bulbs :12 LEDs each	16 LEDs	1 LED
Distribution type	wide	wide	narrow
Lumen maintenance	100%	100%	99%
Lamp type	LED		
Colour characteristics	CRI 81 CCT "Daylight" (>5000K)		

Special Features	
Mobile charging	Adapters included to charge mobile phone from battery
Torch	Torch with rechargeable 1900 mAh Li-Ion battery
Radio	Radio with rechargeable 1000 mAh Li-Ion battery
Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Torch has protection from occasional rain; met with IPX1. The radio has no protection.
Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	9.5 watts
Battery Details	
Battery replaceability	Easily replaceable with common tools. Warranty is void if product is opened.
Battery chemistry	Lithium-ion
Battery package type (main unit)	4 * 18650
Battery capacity (main unit)	8100 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass
Marks and Certifications	
Factory certification	ISO9001:2015; ISO14001:2015
Product Details	
Manufacturer name	Total
Product name	Home Sunshine
Product model / ID number	TK002
Contact information	florent.giorgi@total.com
Website	www.total.com
SSS Information	
Specs sheet expiration date	January 31, 2022
Quality Standards Framework Version	2018
Revision	2018.11