

Home Sunshine

Total

Verify Online:

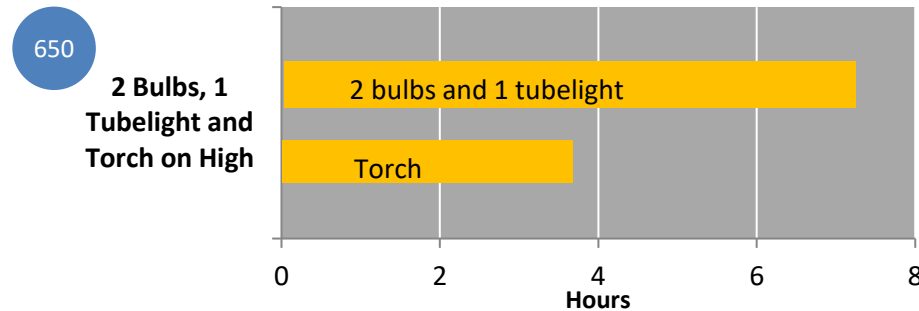
Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

www.lightingglobal.org/products/to-hs

Valid Until: November 30, 2020

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

	Brightness Setting**		
	2 Bulbs, 1 Tubelight and Torch on High	2 bulbs and 1 tubelight on high	Torch on High
Bright			
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. protection from occasional rain

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	November 30, 2020
Quality Standards Framework Version	2018
Revision	2018.11