

# Pocket Sunshine

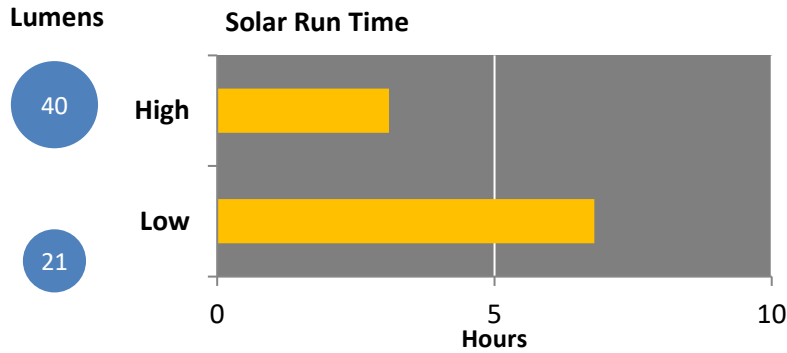
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[www.data.verasol.org/products/sek/to-srl](http://www.data.verasol.org/products/sek/to-srl)

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

Valid Until: February 28, 2022



Meets Lighting Global Quality Standards

1

Light Point



## Warranty Information

A 1-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting	
	High	Low
Full battery run time* (hours)	4.6	10
Run time per day of solar charging* (hours)	3.1	6.8
Total light output (lumens)	40	21
Total lighting service (lumen-hours / solar-day)	120	140

\* 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 type	LED
Description of light points	One LED inside a translucent cover.
Colour characteristics	CRI 74 CCT "Daylight" (> 5000 K)
Distribution type	Wide
Lumen maintenance	101% of the original output remains after 2,000 hours run time

## Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Protection from frequent rain; met with IPX3.

## Solar Details

PV module type	Monocrystalline silicon
PV maximum power point	0.3 watts

**Battery Details**

Battery replaceability	Easily replaceable with common tools. Warranty is void if battery is replaced by consumer.
Battery chemistry	Lithium iron phosphate
Battery package type	1x 14500 package
Battery capacity	400 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

**Product Details**

Manufacturer name	Total
Product name	Pocket Sunshine
Product model / ID number	TLS001
Contact information	florent.giorgi@total.com
Website	www.total.com
Co-brand of	Solar Reading Lamp, Shenzhen Solar Run Energy Co., LTD

**SSS Information**

Specs sheet expiration date	February 28, 2022
Quality Standards Framework Version	2018
Revision	2020.09