

# Little Sunshine

## Total

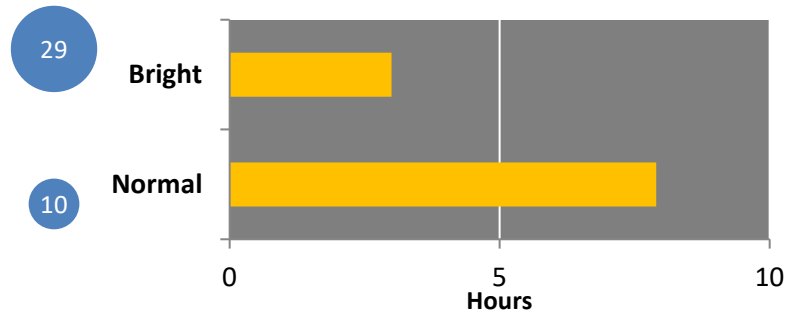
Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Verify Online:

[www.lightingglobal.org/products/to-ls](http://www.lightingglobal.org/products/to-ls)

Valid Until: October 31, 2021

### Lumens



Meets Lighting Global Quality Standards

1 Light Point

## Warranty Information

A 2-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting**	
	Bright	Normal
Full battery run time* (hours)	6.2	16
Run time per day of solar charging* (hours)	3	7.9
Total light output (lumens)	29	10
Total lighting service (lumen-hours / solar-day)	87	79

\* 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.

\*\*Additional brightness settings not tested:

## Lighting Details

Lamp type	LED
Description of light points	2 LEDs with a frosted cover
Colour characteristics	CRI 81 CCT "Daylight" (> 5000 K)
Distribution type	Wide
Lumen maintenance	100% 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

**Solar Details**

PV module type	Monocrystalline silicon
PV maximum power point	0.4 watts

**Battery Details**

Battery replaceability	Easily replaceable with common tools. Warranty is void if product is opened.
Battery chemistry	Lithium iron phosphate
Battery package type	1*14450
Battery capacity	560 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

**Marks and Certifications**

Factory certification	ISO9001:2015; ISO14001:2015
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**Product Details**

Manufacturer name	Total
Product name	Little Sunshine
Product model / ID number	TLH001
Contact information	florent.giorgi@total.com
Website	www.total.com

**SSS Information**

Specs sheet expiration date	October 31, 2021
Quality Standards Framework Version	2018
Revision	2020.11