

Little Sun Original

Original V5
Little Sun GmbH

Verify online:

<https://data.verasol.org/products/sek/lis-originalv5>

Valid until: November 30, 2025

Results based on test procedures detailed in IEC TS 62257-9-5 and IEC TS 62257-9-8



Meets the Requirements in IEC TS 62257-9-8:2020 for Size A kits

1

Light point(s)



Plug-and-play



WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system and the battery.

PERFORMANCE DETAILS

Setting	Description	Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	Total light output (lumens)
Brightest	1 LED, 0.37 W power	5.4 hours	44 lumens
Medium	1 LED, 0.23 W power	9.0 hours	25 lumens
Lowest	1 LED, 0.10 W power	21 hours	9.8 lumens

Available daily electrical energy (Wh/day)	2.0
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Performance measure	Brightness setting: Brightest
Lighting full battery run time (hours)	5.5
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	240

LIGHTING DETAILS

Lamp name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy* (lm/W)	CRI**	CCT***	Distribution type	Lumen maintenance****
Little Sun Original (V5)	1	3	Brightest	44	120	83	4800	Wide	100%
			Medium	25	110	83	4800	--	--
			Lowest	10	100	83	4800	--	--

* Lumen efficacy is the power consumption at a light point during the light output test.

** Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

*** Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

**** Percent of the original light output that remains after 2,000 hours of run time

SPECIAL FEATURES**Strap****Comes with a multi-use detachable strap****DURABILITY**

Overall durability and workmanship	Pass
Durability tests passed	Switch test, Drop test, Physical ingress protection, PV durability tests
Level of water protection	Main Unit with Integrated PV Module Has protection from frequent rain; met IPX4

SOLAR DETAILS

PV module type	Monocrystalline silicon
PV maximum power	0.55 watts

MAIN UNIT BATTERY DETAILS

Battery replaceability	Not easily replaceable with common tools.
Battery chemistry	Lithium iron phosphate
Specific Li-ion battery chemistry	lithium iron phosphate
Battery package type	1x 14500 cylindrical cell
Battery capacity	0.64 Ah
Battery nominal voltage	3.2 V
Battery status/ other indicator lights	N/A

PRODUCT DETAILS

Manufacturer name	Little Sun GmbH
Product name	Little Sun Original
Product model / ID number	Original V5
Contact information	business@littlesun.com
Website	www.littlesun.com
Dimensions (entire product in package)	12.5 x 12.6 x 3.6 cm
Mass	144 g

SSS INFORMATION

Specs sheet expiration date	November 30, 2025
Revision	2023.11