

Sun King Pico 100

SK128

Greenlight Planet Inc.

Results based on test procedures detailed in IEC 62257-9-5 v.4

Verify online:

www.lightingglobal.org/products/glp-skpico100

Valid until: January 31, 2022



Meets the Lighting Global Pico-PV Quality Standards



1 Light point(s)

Plug-and-play

WARRANTY INFORMATION

A 1-year warranty covering manufacturing defects in the system.

PERFORMANCE DETAILS

Setting	Description	Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	Total light output (lumens)
Turbo mode	3 LEDs on, 0.73 W power	4 hours	100 lumens
Normal mode	3 LEDs on, 0.34 W power	8 hours	--
Low power mode	3 LEDs on, 0.04 W power	77 hours	6.3 lumens

Performance measure

Brightness setting: Turbo Mode

Lighting full battery run time (hours)

4

Total lighting service (lumen-hours/solar-day)

400

(includes the both main lighting unit and any lights with internal batteries included with the product)

LIGHTING DETAILS

Lamp name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy* (lm/W)	CRI**	CCT***	Distribution type	Lumen maintenance****
Sun King Pico 100 SK128	1	3	Turbo mode	100	150	70	5000	Wide	100%
			Low Power mode	6	170	72	4860		

* 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

Multi-use ★ Includes a stand. Can be used as a hanging, desk lamp or ambient light

Power Control ★ Battery management technology auto-switches to low power when the battery is low

DURABILITY

Overall durability and workmanship	Pass	
Durability tests passed	Switch test, Drop test, Strain relief test, Physical ingress protection.	
Level of water protection	Main Unit	Has protection from frequent rain; met with IPX1 and an appropriate warning label
	PV module	Has protection from permanent outdoor exposure

SOLAR DETAILS

PV module type	Polycrystalline silicon
PV maximum power	0.86 watts

MAIN UNIT BATTERY DETAILS

Battery replaceability	Not easily replaceable with common tools.
Battery chemistry	Lithium iron phosphate
Battery package type	18650
Battery capacity	1 Ah
Battery nominal voltage	3.3 V

MARKS AND CERTIFICATIONS

Factory certification	ISO 9001:2015
-----------------------	---------------

PRODUCT DETAILS

Manufacturer name	Greenlight Planet Inc.
Product name	Sun King Pico 100
Product model / ID number	SK128
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com
Dimensions (entire product in package)	11.5 x 15.5 x 7.5 cm
Mass	350 g

SSS INFORMATION

Specs sheet expiration date	January 31, 2022
Quality standards framework version	2020
Revision	2020.04