

Sun King Pico Plus

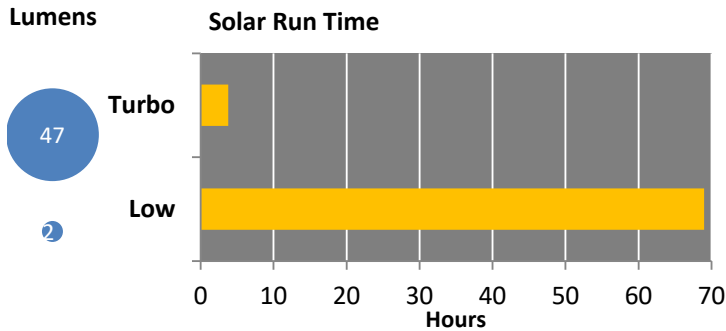
Greenlight Planet

Verify Online:

www.lightingglobal.org/products/glp-skpicoplus

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

Valid Until: January 31, 2020



 **Meets Lighting Global Quality Standards**

1 Light Point

Warranty Information

2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting***	
	Turbo	Low
Full battery run time* (hours)	5	100
Run time per day of solar charging* (hours)	3.8	69
Total light output (lumens)	47	2.4
Total lighting service (lumen-hours / solar-day)	180	170

* 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): Normal

Lighting Details

Lamp type	LED
Description of light points	1 LED with a frosted cover
Colour characteristics	CRI 70 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	100% of the original output remains after 2,000 hours run time

Special Features

Steel stand included	Stand allows use as a desk lamp, room light, or hanging light
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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	Polycrystalline silicon
PV maximum power point	0.39 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	1x14500
Battery capacity	470 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001, ISO 14001
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Product Details

Manufacturer name	Greenlight Planet
Product name	Sun King Pico Plus
Product model / ID number	SK 121
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com

SSS Information

Specs sheet expiration date	January 31, 2020
Quality Standards Framework Version	2018
Revision	2018.01