Solar Lantern

Panasonic

Results based on test procedures detailed in
IEC 62257-9-5, ed. 2.0

Lumens

Solar Run Time

74 **High**

28 **Medium**

Hours (0 2 4 6 8 10 12 14 16 18 20 22 24)
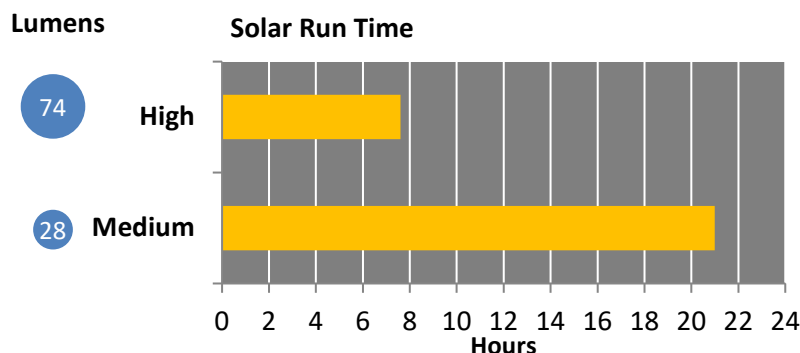
✓ **Meets Lighting Global Minimum Quality Standards**

📱 **Mobile Charging**

1 **Light Point**

Warranty Information

One-year warranty

Performance Details

Performance Measure	Brightness Setting***	
	High	**Medium**
Full battery run time* (hours)	7.6	21
Run time per day of solar charging* (hours)	7.6	21
Total light output (lumens)	74	28
Total area with illumination > 50 lux** (m^2)	0.03	Not tested
Total lighting service (lumen-hours / solar-day)	560	590

* 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.

** Total area with illumination > 50 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

*** Additional brightness settings (not tested): Low

Lighting Details

Lamp type	LED
Description of light points	5 LEDs per light point
Colour characteristics	CRI 81 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	94% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	USB port for mobile phones and other devices
Handle	Metal handle/stand for hanging or positioning light

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and protection from frequent rain

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	3.5 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Nickel-metal hydride
Battery package type	4x AA cell
Battery capacity	1900 mAh
Battery nominal voltage	4.8 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001, ISO 14001

Product Details

Manufacturer name	Panasonic
Product name	Solar Lantern
Product model / ID number	BG-BL03TH-G
Contact information	yoshinari.fumiyoshi@jp.panasonic.com
Website	panasonic.net

SSS Information

Spec sheet expiration date	November 30, 2018
Minimum Quality Standards Framework Version	2016
Revision	2016.09