

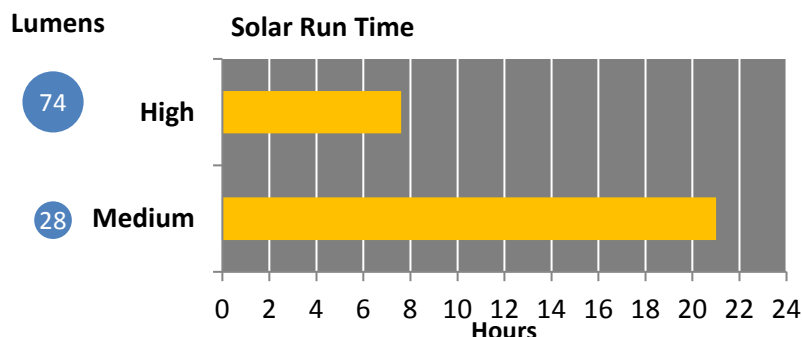
# Solar Lantern

Panasonic

Verify Online: [www.lightingglobal.org/products/pana-sl](http://www.lightingglobal.org/products/pana-sl)

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

Valid Until: September 30, 2018



**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 <sup>2</sup> )	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	September 30, 2018
Minimum Quality Standards Framework Version	2016
Revision	2016.09