

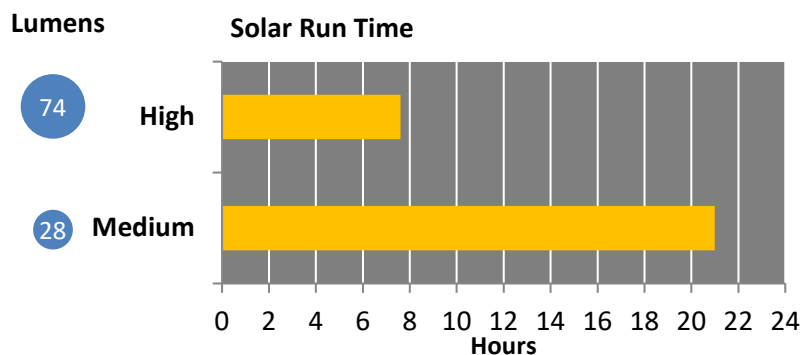
# Solar Lantern

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: November 30, 2020



 **Meets Lighting Global Minimum Quality Standards**



**Mobile Charging**

1

**Light Point**

## Warranty Information

A 1-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<br>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, 2020  |
| Minimum Quality Standards Framework Version | 2016   |
| Revision                                    | 2018.11  |