

Solar Lighting System

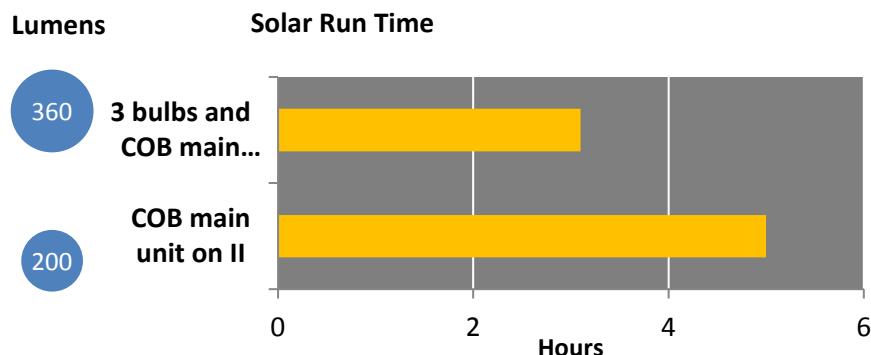
Ningbo ZhengZheng Electric Appliance Co., Ltd.

Verify Online:

www.lightingglobal.org/products/nbz-gd

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

Valid Until: November 30, 2020



Meets Lighting Global Quality Standards

Mobile Charging

4 Light Points

Warranty Information

A 1-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting**	
	3 bulbs and COB main unit on II	COB main unit on II
Full battery run time* (hours)	3.1	5
Run time per day of solar charging* (hours)	3.1	5
Total light output (lumens)	360	200
Total lighting service (lumen-hours / solar-day)	1100	1000

* 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: 3 bulbs on, Two bulbs on, One bulb on, COB main unit on I

Lighting Details

Lamp type	LED
Description of light points	Eight LEDs in each of three hanging bulbs with a frosted cover. Two LEDs in the COB main unit with a transparent cover.
Colour characteristics	CRI 72 CCT "Daylight" (> 5000 K)
Distribution type	Wide
Lumen maintenance	94% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
AC Charging	AC charging adaptor included

Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. protection from occasional rain. Met requirements with a warning label.

Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	4 watts

Battery Details	
Battery replaceability	Easily replaceable with common tools. Warranty is void if battery is replaced by consumer.
Battery chemistry	Sealed lead-acid
Battery package type	6.98 *4.75*9.84 cm
Battery capacity	2700 mAh
Battery nominal voltage	6 V
Appropriate battery protection circuit	Pass

Product Details	
Manufacturer name	Ningbo ZhengZheng Electric Appliance Co., Ltd.
Product name	Solar Lighting System
Product model / ID number	GD-8031
Contact information	sales@gdlite.com
Website	www.gdlite.com

SSS Information	
Specs sheet expiration date	November 30, 2020
Quality Standards Framework Version	2018
Revision	2018.11