

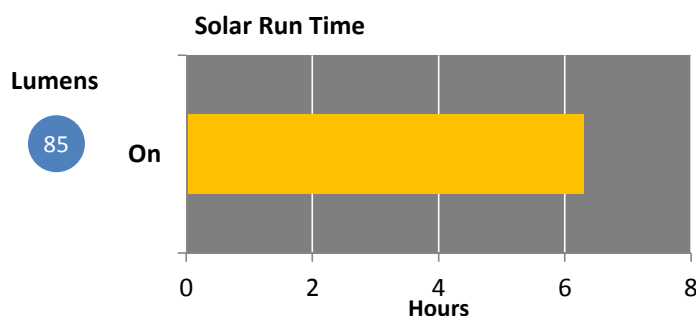
Sunlite Solar Light G3

Kingfisher Consultants Ltd.

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

Verify Online: www.lightingglobal.org/products/sl-g3

Valid Until: July, 2013



Meets Lighting Global Minimum
Quality Standards



Mobile Charging

1

Light Point



Warranty Information

A 6-month warranty on the battery and a 12-month warranty for all other parts.

Performance Details

Performance Measure	Brightness Setting***
	On
Full battery run time* (hours)	10
Run time per day of solar charging* (hours)	6.3
Total light output (lumens)	85
Total area with illumination > 25 lux** (m ²)	0.22
Total lighting service (lumen-hours / solar-day)	540

* 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 > 25 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):

Lighting Details

Lamp type	LED
Description of light points	Single LED
Colour characteristics	CRI 80 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	92% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	3 adapter "tips" included to charge mobile phone from battery
Hardware	Model provides screws to attach the bulb to the power pack, creating a portable light
Optional feature	An additional light point can be added

Durability

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

Solar Details

PV module type	Monocrystalline silicon
PV maximum power point	2.7 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Appropriate battery protection circuit	Pass
Replacement batteries are available from the product manufacturer	

Product Details

Manufacturer name	Kingfisher Consultants Ltd.
Product name	Sunlite Solar Light G3
Product model / ID number	G3
Contact information	info@sunlite.co.ke
Website	www.sunlite.co.ke

SSS Information

Specs sheet expiration date	July, 2013
Minimum Quality Standards Framework Version	2011
Revision	2014.01