

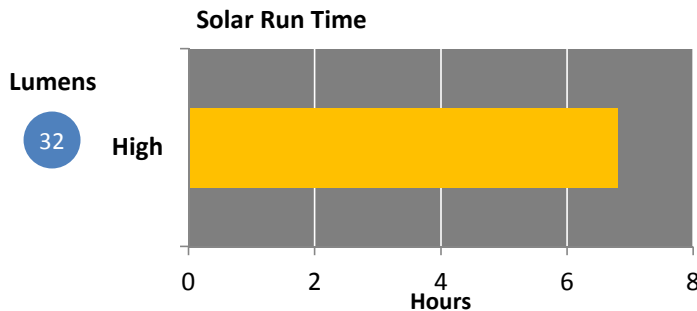
Great White Light

Pharos Off-Grid Technologies

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

Verify Online: www.lightingglobal.org/specs/pogt-greatwhite

Valid Until: August, 2014



Meets Lighting Global Minimum
Quality Standards



Mobile Charging

1

Light Point



Warranty Information

A 1-year warranty (see detailed terms for more information).

Performance Details

Performance Measure	Brightness Setting***
	High
Full battery run time* (hours)	9.8
Run time per day of solar charging* (hours)	6.8
Total light output (lumens)	32
Total area with illumination > 25 lux** (m ²)	0.38
Total lighting service (lumen-hours / solar-day)	220

* 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): Medium, Low

Lighting Details

Lamp type	LED
Description of light points	12 LEDs
Colour characteristics	CRI 75 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	93% of the original output remains after 2,000 hours run time

Special Features	
Mobile charging	Adapters included to charge mobile phone from battery
Lamp housing	Polycarbonate
Hardware	Lanyard strap and gooseneck stand included

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

Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	1.5 watts

Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	--
Battery capacity	1000 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Marks and Certifications	
Factory certification	ISO 9001:2008

Product Details	
Manufacturer name	Pharos Off-Grid Technologies
Product name	Great White Light
Product model / ID number	Great White Light
Contact information	info@pharosoffgrid.com
Website	www.pharosoffgrid.com

SSS Information	
Specs sheet expiration date	August, 2014
Minimum Quality Standards Framework Version	2012
Revision	2013.09