

SmartLife

Fenix International

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

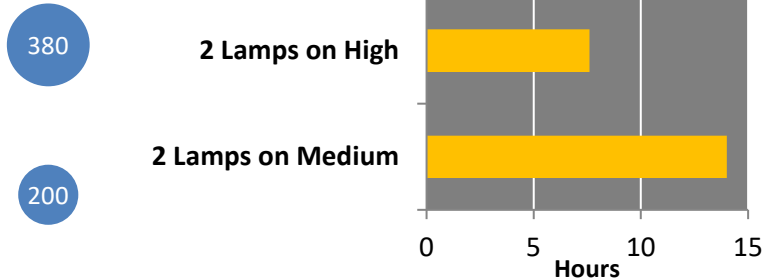
Verify Online:

www.lightingglobal.org/products/fx-sl

Valid Until: March 31, 2021

Lumens

Solar Run Time



Meets Lighting Global Quality Standards

Mobile Charging

2 Light Points

PAYG Pay-As-You-Go Option Available

Warranty Information

A 3-year warranty covers the power system and PV module. A 2-year warranty covers all other

Performance Details

Performance Measure	Brightness Setting**	
	2 Lamps on High	2 Lamps on Medium
Full battery run time* (hours)	7.8	15
Run time per day of solar charging* (hours)	7.6	14
Total light output (lumens)	380	200
Total lighting service (lumen-hours / solar-day)	2900	2800

* 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:Low

Lighting Details

Lamp type	LED
Description of light points	6 LED's in each light point
Colour characteristics	CRI 84 CCT "Daylight" (> 5000 K)
Distribution type	Wide
Lumen maintenance	100% of the original output remains after 2,000 hours run time

Special Features

PAYG enabled	PAYG enabled
Mobile Charging	Adapters included to charge mobile phone from bat

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	10 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	2 x 18650
Battery capacity	7900 mAh
Battery nominal voltage	3.6 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	Fenix International
Product name	SmartLife
Product model / ID number	F0105UG
Contact information	engineering@fenixintl.com
Website	https://www.fenixintl.com/

SSS Information

Specs sheet expiration date	March 31, 2021
Quality Standards Framework Version	2019
Revision	2019.03