

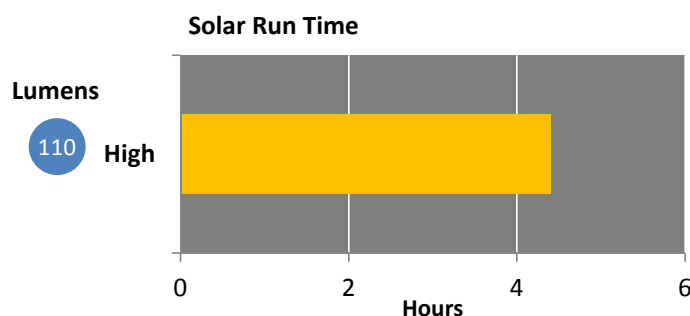
LED-105

SOLUX Service GmbH

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

Verify Online: www.lightingglobal.org/specs/sl-led105

Valid Until: October, 2014



Meets Lighting Global Minimum
Quality Standards



Mobile Charging

1

Light Point



Warranty Information

2 year warranty against material or manufacturing defects.

Performance Details

Performance Measure	Brightness Setting***
	High
Full battery run time* (hours)	8.8
Run time per day of solar charging* (hours)	4.4
Total light output (lumens)	110
Total area with illumination > 25 lux** (m ²)	1
Total lighting service (lumen-hours / solar-day)	480

* 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	Single LED
Colour characteristics	CRI 76 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	99% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
-----------------	---

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 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	Nickel-metal hydride
Appropriate battery protection circuit	Pass
Replacement batteries are available from the product manufacturer or distributor	

Marks and Certifications

Other certification	CE, ROHS
---------------------	----------

Product Details

Manufacturer name	SOLUX Service GmbH
Product name	LED-105
Product model / ID number	SOLUX-LED-105
Contact information	info@solux-service.com
Website	www.solux-service.com

SSS Information

Specs sheet expiration date	October, 2014
Minimum Quality Standards Framework Version	2012
Revision	2013.09