

Solar Smart All-In-One/ Solar Shelter Kit

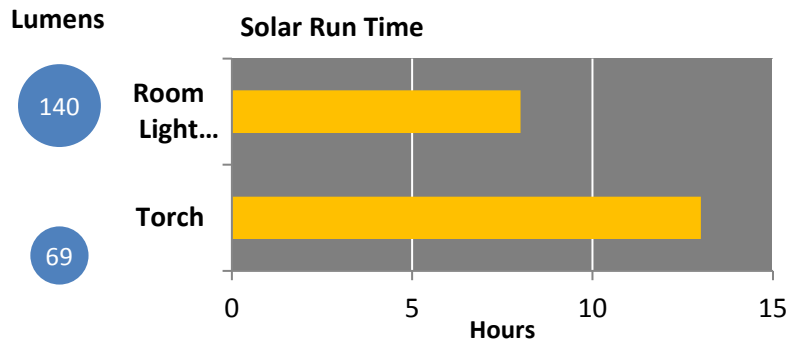
NRS Enlight FZE

Verify Online:

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

www.lightingglobal.org/products/nrs-ss

Valid Until: July 31, 2019



 Meets Lighting Global Quality Standards

 Mobile Charging

 Light Point

Warranty Information

A one or two-year warranty covering manufacturing defects. Length of the warranty depends on the country of purchase.

Performance Details

Performance Measure	Brightness Setting**	
	Room Light High	Torch
Full battery run time* (hours)	8	13
Run time per day of solar charging* (hours)	8	13
Total light output (lumens)	140	69
Total lighting service (lumen-hours / solar-day)	1100	900

* 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): Room Light Medium, Room Light Low, Blinking Light

Lighting Details

Lamp type	LED
Description of light points	One LED on the front with a semi-transparent cover (Torch mode) and four LEDs on the side with a frosted cover (Room light mode)
Colour characteristics	CRI 79 CCT "Cool" (5000-7000 K)
Distribution type	Torch mode: Narrow; Room Light Mode: Wide
Lumen maintenance	100% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
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Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. protection from permanent outdoor exposure

Solar Details

PV module type	Monocrystalline silicon
PV maximum power point	2.3 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	18650
Battery capacity	2300 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	NRS Enlight FZE
Product name	Solar Smart All-In-One/ Solar Shelter Kit
Product model / ID number	ENAI0-S2200
Contact information	info@nrs-enlight.com
Website	www.nrs-enlight.com/

SSS Information

Specs sheet expiration date	July 31, 2019
Quality Standards Framework Version	2017
Revision	2017.07