

Solar Smart All-In-One/ Solar Shelter Kit

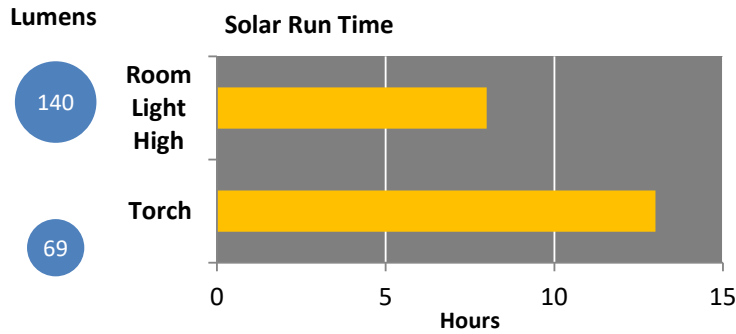
NRS Relief FZE

Verify Online:

www.lightingglobal.org/products/nrs-ss

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

Valid Until: July 31, 2019



 Meets Lighting Global Quality Standards

 Mobile Charging

 1 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; meets IP68.

Solar Details

PV module type	Monocrystalline silicon
PV maximum power point	2.3 watts

Battery Details

Battery replaceability	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 Relief FZE
Product name	Solar Smart All-In-One/ Solar Shelter Kit
Product model / ID number	ENAIO-S2200
Contact information	info@nrsrelief.com
Website	http://www.nrsrelief.com/

SSS Information

Specs sheet expiration date	July 31, 2019
Quality Standards Framework Version	2017
Revision	2018.01