

Solar Smart All-In-One/ Solar Shelter Kit

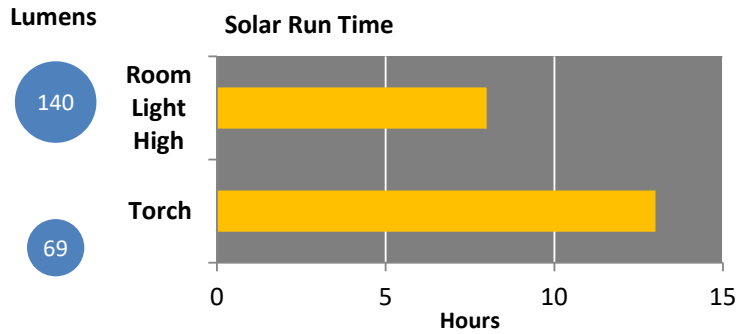
NRS Relief FZE

Verify Online:

www.lightingglobal.org/products/nrs-ss

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

Valid Until: September 30, 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 "Daylight" (>5000 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 |
|-----------------|---|

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, but attempting replacement will void warranty. |
| 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 | ENAIIO-S2200 |
| Contact information | info@nrsrelief.com |
| Website | http://www.nrsrelief.com/ |

SSS Information

| | |
|-------------------------------------|--------------------|
| Specs sheet expiration date | September 30, 2019 |
| Quality Standards Framework Version | 2017 |
| Revision | 2018.01 |