

Enlight Essential

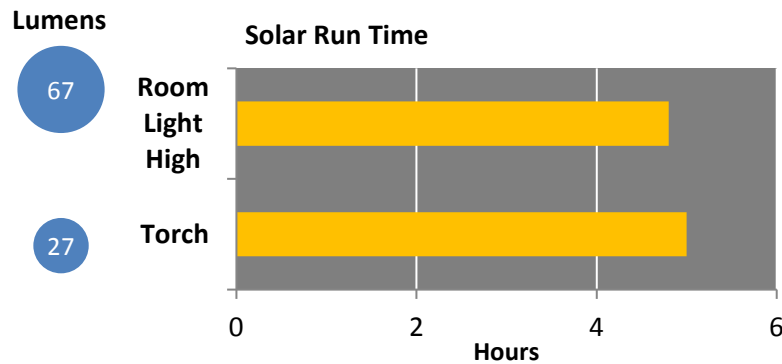
NRS Relief FZE

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

Verify Online:

www.lightingglobal.org/products/nrs-ene

Valid Until: January 31, 2020



Meets Lighting Global Quality Standards



Mobile Charging



Light Point

Warranty Information

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)	5	5
Run time per day of solar charging* (hours)	4.8	5
Total light output (lumens)	67	27
Total lighting service (lumen-hours / solar-day)	320	140

* 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 Low

Lighting Details

Lamp type	LED
Description of light points	One LED on the front of the light and two LEDs on the side of the light
Colour characteristics	CRI 83 CCT "Near Daylight" (5000-7000 K)
Distribution type	Torch mode: Narrow; Room Light Mode: 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
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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 frequent rain requirement met with IPX1 and a warning label.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	0.8 watts

Battery Details

Battery replaceability	Easily replaceable with common tools. Warranty is void if product is opened.
Battery chemistry	Lithium iron phosphate
Battery package type	18650
Battery capacity	1500 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	NRS Relief FZE
Product name	Enlight Essential
Product model / ID number	ENE-S900
Contact information	info@nrsrelief.com
Website	http://www.nrsrelief.com/

SSS Information

Specs sheet expiration date	January 31, 2020
Quality Standards Framework Version	2018
Revision	2018.01