

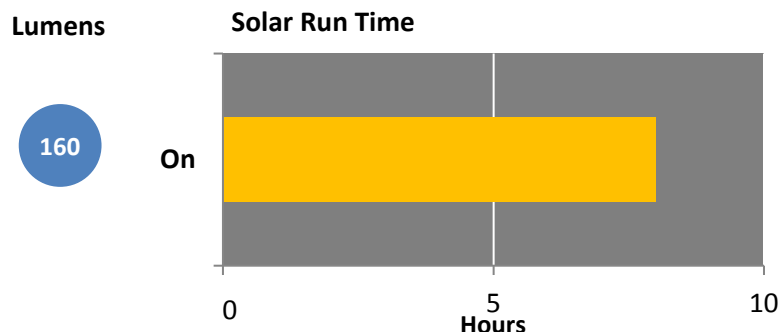
Solar Lantern

CAA Communications And Accessories Int. GmbH

Verify Online: www.lightingglobal.org/products/caa-l10

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

Valid Until: February 28, 2019



Meets Lighting Global Quality Standards



Mobile Charging



Light Point

Warranty Information

A 1-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting ^{***}
	On
Full battery run time* (hours)	8
Run time per day of solar charging* (hours)	8
Total light output (lumens)	160
Total area with illumination > 50 lux** (m ²)	0.24
Total lighting service (lumen-hours / solar-day)	1300

* 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 > 50 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): Dimmer

Lighting Details

Lamp type	LED
Description of light points	36 LEDs arranged in a columnar array with a frosted cover
Colour characteristics	CRI 78 CCT "Cool" (5000-7000 K)
Distribution type	Omnidirectional
Lumen maintenance	100% of the original output remains after 2,000 hours run time

Special Features

AC charging	Adapters included for AC charging
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 occasional rain

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	11 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Sealed lead-acid
Battery package type	lead-acid sealed
Battery capacity	4100 mAh
Battery nominal voltage	6 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	CAA Communications And Accessories Int. GmbH
Product name	Solar Lantern
Product model / ID number	CAA-L10
Contact information	chuys@caaint.com
Website	www.caa-int.com

SSS Information

Specs sheet expiration date	February 28, 2019
Quality Standards Framework Version	2017
Revision	2017.02