

Zuba Solar Light

Namene Solar Lights Limited

Verify online:

<https://data.verasol.org/products/sek/yl-zuba>

Results based on test procedures detailed in IEC TS 62257-9-5

Valid until: October 31, 2025



Meets the Requirements in IEC TS 62257-9-8:2020 for Size A kits

1

Light point



Plug-and-play



WARRANTY INFORMATION

A 2-year warranty covering the entire product if failure occurs from normal use.

PERFORMANCE DETAILS

Appliance ^a	Description	(assuming 5kWh/m ² /day)	
		Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	Total light output (lumens)
on	1 LED, 0.18 W power	7.6 hours	27 lumens

Available daily electrical energy^e (Wh/day)

1.4

Performance measure	Brightness setting: on
Lighting full battery run time ^d for main unit (hours)	9.6
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	210

^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

^b Without any other loads used during the run time

^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

^d Lighting full battery 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.

LIGHTING DETAILS

Lamp name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Integrated light	1	1	on	27	150	81	5300	Wide	99%

^e Lumen efficacy is the power consumption at a light point during the light output test.

^f Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

^g Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

^h Percent of the original light output that remains after 2,000 hours of run time

DURABILITY		
Overall durability and workmanship		Pass
Durability tests passed		Switch test, Drop test, Physical ingress protection, met IP6X
Level of water protection	Main Unit with Integrated PV Module	Has protection from permanent outdoor exposure, met IPX8
SOLAR DETAILS		
PV module type		Polycrystalline silicon
PV maximum power		0.35 watts
MAIN UNIT BATTERY DETAILS		
Battery replaceability		Easily replaceable with common tools; however, the warranty is void if product is opened.
Battery chemistry		Lithium iron phosphate
Specific Li-ion battery chemistry		lithium iron phosphate
Battery package type		14500
Battery capacity		0.5 Ah
Battery nominal voltage		3.2 V
PRODUCT DETAILS		
Manufacturer name		Namene Solar Lights Limited
Product name		Zuba Solar Light
Contact information		massimo.lisanti@namenensolar.com
Website		https://namenensolar.com/
Dimensions (entire product in package)		10.8 x 7 x 3.4 cm
Mass		185 g
SSS INFORMATION		
Specs sheet expiration date		October 31, 2025
Revision		2023.10