

# Lagazel Kalo 3000

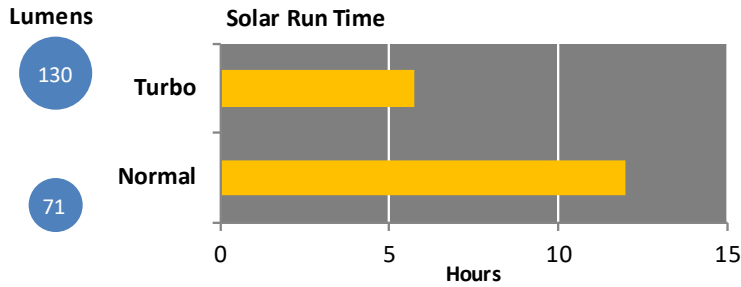
Lagazel

Results based on test procedures detailed in IEC 62257-9-5, ed. 4.0\*

Verify Online:

<https://data.verasol.org/products/sek/lk-3000>

Valid Until: February 28, 2023



Meets Lighting Global Quality Standards



Mobile Charging

1

Light Point

\* Ports tests, protection tests and system performance tests were not conducted.

## Warranty Information

A 2-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting***	
	Turbo	Normal
Full battery run time* (hours)	7.1	15
Run time per day of solar charging* (hours)	5.7	12
Total light output (lumens)	130	71
Total lighting service (lumen-hours / solar-day)	740	850

\* 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): Eco

## Lighting Details

Lamp type	LED
Description of light points	Four LEDs inside a frosted cover.
Colour characteristics	CRI 82 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	98% 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; met with IPX1 and a warning label.

**Solar Details**

PV module type	Polycrystalline silicon
PV maximum power point	2.4 watts

**Battery Details**

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	2 x 18650 package
Battery capacity	3000 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

**Product Details**

Manufacturer name	Lagazel
Product name	Lagazel Kalo 3000
Product model / ID number	LK3000
Contact information	contact@lagazel.com
Website	www.lagazel.com

**SSS Information**

Specs sheet expiration date	February 28, 2023
Quality Standards Framework Version	2019
Revision	2019.09