

# Lagazel Kalo 3000

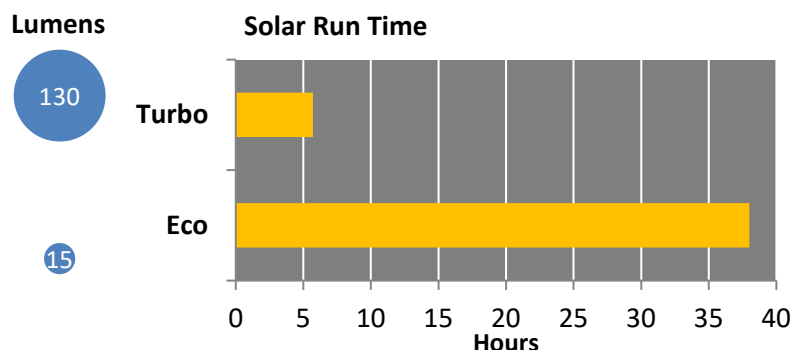
Lagazel

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

Verify Online:

[www.lightingglobal.org/products/lk-3000](http://www.lightingglobal.org/products/lk-3000)

Valid Until: February 28, 2019



**Meets Lighting Global Quality Standards**



**Mobile Charging**



**1 Light Point**

## Warranty Information

A 2-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting***	
	Turbo	Eco
Full battery run time* (hours)	7.1	44
Run time per day of solar charging* (hours)	5.7	38
Total light output (lumens)	130	15
Total area with illumination > 50 lux** (m <sup>2</sup> )	0.28	--
Total lighting service (lumen-hours / solar-day)	740	570

\* 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): Normal

## 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 bat
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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 occasional rain; met with 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, 2019
Quality Standards Framework Version	2016
Revision	2016.09