

Lagazel Kalo 1500

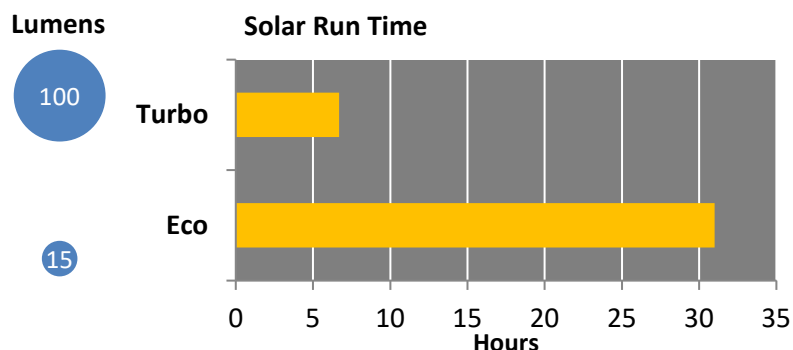
Lagazel

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

Verify Online:

www.lightingglobal.org/products/lk-1500

Valid Until: January 31, 2019



Meets Lighting Global Quality Standards

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)	7.2	33
Run time per day of solar charging* (hours)	6.7	31
Total light output (lumens)	100	15
Total area with illumination > 50 lux** (m ²)	--	--
Total lighting service (lumen-hours / solar-day)	670	470

* 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 83 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	95% of the original output remains after 2,000 hours run time

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	1.2 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	18650 package
Battery capacity	1500 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	Lagazel
Product name	Lagazel Kalo 1500
Product model / ID number	LK1500
Contact information	contact@lagazel.com
Website	www.lagazel.com

SSS Information

Specs sheet expiration date	January 31, 2019
Quality Standards Framework Version	2016
Revision	2016.09