

KALO 600

LK600

Brand name: Lagazel

Results based on test procedures detailed in IEC TS 62257-9-5 and IEC TS 62257-9-8

Verify online:

<https://data.verasol.org/products/sek/lk-600>

Valid until: April 30, 2027



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

1

Light point(s)



Plug-and-play



WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system.

PERFORMANCE DETAILS

Appliance ^a	Description	Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	Total light output (lumens)
Boost	2 LEDs, 0.97 W power	1.7 hours	100 lumens
Normal	2 LEDs, 0.31 W power	6.9 hours	35 lumens
Eco	2 LEDs, 0.06 W power	38 hours	6.8 lumens

Available daily electrical energy ^c (Wh/day)	1.6
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Performance measure	Brightness setting: One light on Boost
Lighting full battery run time ^d for main unit (hours)	1.7
Total lighting service (lumen-hours / solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	170

^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 name	Light output (lm)	Power consumption (W)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Integrated Light in Main Unit	1	3	Boost	100	0.97	110	87	4600	Wide	100%
			Normal	35	0.31		86	4500	Not Tested	Not Tested
			Eco	6.8	0.06		86	4500	Not Tested	Not Tested

^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, PV durability tests
Level of water protection	Main Unit with Integrated PV Module	Has protection from frequent rain; met IPX3
Solar Details		
PV module type		Polycrystalline silicon
PV maximum power		0.65 W
PV rated power		0.7 W
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		HR6 / 14500
Battery capacity		0.66 Ah
Rated Battery capacity		0.6 Ah
Battery nominal voltage		3.2 V
Battery status / other indicator lights		One LED indicator that flashes during charging and turns off once the lamp is charged
Product Details		
Company name		Lagazel
Brand Name		Lagazel
Product name		KALO 600
Product model / ID number		LK600
Contact information		contact@lagazel.com
Website		www.lagazel.com
Dimensions (entire product in package)		15.4 x 10.2 x 5.1 cm
Mass		380 g
SSS Information		
Specs sheet expiration date		April 30, 2027
Revision		2025.04