



User Manual



TK17
Aluminum

Features

- Multiple LED choices maximum versatility
- 3 x SAMSUNG LH351D LED, maximum output of 2,300 lumens
- 3 x OSRAM KW CSLNM1, TG LED, maximum beam distance to 290 meters
- 3 x NICHIA 219C LED CRI>90 high color rendering
- Powered by customized 18350 battery with 1100mAh capacity, which ensures the long runtime for this light
- The included 18350 battery can be recharged through a built-in Micro-USB port
- Aircraft grade aluminum body structure
- Highly integrated tail switch switch for all easy operation
- TIR (Total Internal Reflection) optic facilitates efficient light transmission with a broad beam and a generous throw
- Knurling and polishing finish provide a secure grip
- Detachable gold plated clip and compact size for easy carry
- Low battery voltage warning with flickering
- Intelligent highly efficient circuit board design for max performance and long run time
- Intelligent temperature controlled light output for user safety

Specifications

Dimensions: 82,8mm (Length) x 25,4mm (Head Diameter) x 21mm (Tube Diameter)

Weight: 50,3g w/o battery; 73,6g w/ battery

Accessories

1x 18350 USB rechargeable battery; 1x USB charging cable; 1x Pocket clip; 2x O-rings; 1x User manual; 1x Warranty card; 1x Battery warning card

Technical Parameter

FL1 STANDARD	Turbo	High	Mid	Low	Ultra-Low	Strobe
SAMSUNG LH351D	2300 lumens 45min	1000 lumens 1h	300 lumens 1h 45min	100 lumens 5h 45min	3 lumens 120h	1000 lumens 1h 15min
	146m	96m	53m	30m	8m	
	5,310cd	2,300cd	690cd	230cd	15cd	
OSRAM KW CSLNM1, TG	1500 lumens 45min	750 lumens 1h	250 lumens 1h 45min	90 lumens 5h 45min	2,5 lumens 120h	750 lumens 1h 15min
	290m	205m	115m	72m	12m	
	21,000cd	10,500cd	3,300cd	1,300cd	35cd	
NICHIA 219C CRI>90	1400 lumens 45min	640 lumens 1h	210 lumens 1h 45min	70 lumens 5h 45min	2 lumens 120h	640 lumens 1h 15min
	184m	125m	71m	42m	10m	
	8,500cd	3,900cd	1,250cd	450cd	25cd	

Note: The above-mentioned parameters (tested with 1x ACEBEAM 18350 1100mAh battery) are approximate and may vary from flashlights, batteries, and environments.

The Turbo output is measured in total of runtime including output at step-down levels due to temperature regulation or protection mechanism.

Operation Instruction

Battery Installation:

Insert the battery with the positive pole (+) pointing towards the head.

ON/OFF: Press fully until a click sound for constant-on; Press fully until a click sound again for off.

Brightness Adjustment:

With the light turned on, simply press the switch halfway to cycle brightness through "Ultra-Low" → Low → Middle → High → Turbo → Strobe" output modes.

Or with the light turned on, quickly turn the light off and on within 1 second to cycle "Ultra-Low" → Low → Middle → High → Turbo → Strobe" output modes.

Memory: TK17 will memory its previously used brightness level after it is turned off for 1 second.

Low-Voltage Warning

With the flashlight ON, it will step-down to Low mode and blink 3 times per 6 seconds when the 18350 battery Voltage is down to 2.9V.

Flashlight would turn off when battery voltage is down to 2.7V (Please charge or change the battery).

Warning

1. By using this device, you certify you have read the included User Manual and Warning Card and release the manufacturer and retailers from all liabilities.
2. Please use in accordance with applicable laws and regulations.
3. Quality batteries with circuit protection will reduce the potential risk.
4. Do not aim this light directly at eyes or exposed skin to prevent injuries. Keep this flashlight out of the reach of children.

Usage and Maintenance

1. Unauthorized disassembly may damage the light and void the warranty.
2. This is normal case the light will accumulate a lot of heat when used on Turbo/output levels for extended periods. When the lamp reaches a temperature of 65°C or above, the lamp will automatically step down a few lumens to reduce the temperature. When the temperature drops below 65°C, it will then allow the user for the reselection of the modes.
3. Lubricate the threads with professional grade lubricant regularly.
4. Please swap out the O-rings regularly to maintain the water resistance level.
5. Maintain and keep clean any contact surfaces of the flashlight with alcohol swab. This may prevent irregular flashes during use.
6. Remove batteries during storage. Keep lithium-ion batteries charges approximately every 4 months.
7. This flashlight may not be used as diving light.

Product Warranty

1. If the customer experiences any problems with an Acebeam product within 15 days of purchase, the dealer will replace that product.
2. If an Acebeam flashlight fails during normal use within a period of five years (60 months) of purchase, the dealer will repair or replace the flashlight with the same or similar model.
3. ACEBEAM Batteries, accessories and lanterns with built-in batteries are warranted for a period of one year (12 months) from date of purchase.
4. Warranty one year (12 months) for magnetic charging products.
5. The warranty does not cover damage or failure caused by:
 - A. Rough usage or operation which does not comply with the user manual or product specifications.
 - B. Unauthorized disassembly, repair or modification. Defects or damaged caused by factors out of Acebeam's control.
 - C. Battery leakage damaged products.
6. If there are any questions about ACEBEAM products, please consider the warranty and contact Acebeam or your original Acebeam dealer for warranty return instructions.
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