ACEBEAM®
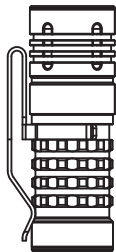
Light Where You Want It

User Manual

TK16
Aluminum

1250Lumens
3 x LUMINUS SST-20 CRI≥95 LED

Features
- Utilizes 3 x LUMINUS SST-20 CRI≥95 LED.
- Maximum output of 1,250 lumens.
- Aircraft grade aluminum body structure.
- High CRI(CRI 95+)LED resembles the nature of sunlight and reveals subtle detail of an object.
- Customized 10C discharge current IMR16340 550mAh battery. CR123A battery is also adaptable.
- Strobe setting that can disorient an attacker or serve as a distress signal.
- Highly integrated tail 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: 66.5mm (Length) x 23mm (Head Diameter) x 22mm (Tube)
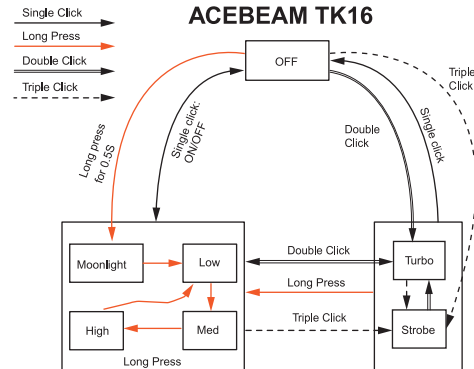Weight: 37.3g w/o battery; 49.8g w/ battery

Accessories
1 x ACEBEAM 16340 550mAh battery; 1 x Removable clip; 2 x O-Rings; 1 x Rubber button cap;1 x User manual; 1 x Warranty card; 1 x Battery warning card

Technical Parameter

FL1 STANDARD		Turbo	High	Mid	Low	Moonlight	Strobe
RCR123(16340) (550mAh 10C) POWER	☀	1250 lumens	450 lumens	80 lumens	13 lumens	0.5 lumens	370 lumens
	⏱	45min	1h	3h	12h	6days	1h
	◧	118m	71m	30m	12m		
	✳	3,570cd	1,271cd	236cd	46cd		
RCR123(16340) ECO	☀	750 lumens	450 lumens	80 lumens	13 lumens	0.5 lumens	370 lumens
	⏱	45min	1h15min	3h	12h	6days	1h
	◧	89m	71m	30m	12m		
	✳	2,000cd	1,271cd	236cd	46cd		
CR123A(1500mAh) ECO	☀	400 lumens	180 lumens	80 lumens	13 lumens	0.5 lumens	250 lumens
	⏱	1h	1h45min	4h30min	17h	12days	50min
	◧	70m	42m	30m	12m		
	✳	1,240cd	450cd	236cd	46cd		

Notice: The above-mentioned parameters (tested with 1x ACEBEAM 16340 550mAh battery/ CR123A 1500mAh battery) are approximate and may vary from flashlights, batteries, and environments.

Operation Instruction

Single Click
Long Press
Double Click
Triple Click

ACEBEAM TK16

Single Click:
Single click for ON/OFF.
Long Press:
1. When the light is OFF, long press for 0.5 seconds to activate Moonlight;
2. When the light is ON, long press to cycle from Low→Med→High; loosen then at the selected level (3 modes can be memorized).
Double Click:
Double click to activate Turbo, and double click again goes to the memorized mode; Every double click to cycle between Turbo and the memorized mode.
Triple Click:
Strobe.
Lock&Unlock
1. When the light is OFF, long press for 5 seconds to Lock the light after 3 times' Moonlight flickering.
2. When the light is Locked, long press for 5 seconds, the light will be Unlocked with 3 times' flickering and goes to Moonlight.
TK16 has two modes:
POWER mode and ECO mode. Exchange between POWER and ECO: when the light is Locked, if the light beam changes from dark to bright and goes out after continuous 10 times' click, it means the light will go to POWER mode after being Unlocked; otherwise, the light will go to ECO mode. Notice: There is only POWER mode when use CR123A battery.
Low Battery Warning:
With the flashlight ON, it will step-down to Low mode and blink 3 times per 5 seconds when the RCR123 battery voltage is down to 3.1V (CR123A battery voltage is down to 2.1V).

Warning
1. TK16 is a high intensity lighting device and is capable of causing eye damage. Avoid shining the light directly into the eyes to humans or animals.
2. Applications must be treated with caution and handled with care.
3. Quality batteries with circuit protection will reduce the potential risk.
4. When the TK16 is stored in a backpack or unused for extended period, it is suggested to take out the batteries to cut off the power entirely to prevent the accidental activation of the flashlight.

Usage and Maintenance
- Do not disassemble the sealed head as doing so may cause damage to the flashlight and will void the warranty.
- High-power flashlights need batteries capable of high current output. We strongly recommend use rechargeable batteries for their high performance.
- Remove the battery from the flashlight if you will not be using the light for an extended period.
- Replace the O-rings if they become stretched or damaged. Regularly lubricate the O-rings.
- Clean the contacts of your light periodically.
There may be several reasons for a flickering or malfunctioning light.
Reason 1: The batteries need to be recharged or replaced.
Solution: Recharge or replace batteries.
Reason 2: The PCB board contact or battery contacts are dirty.
Solution: Clean the contact points with an alcohol soaked cotton swab.
If the above methods do not solve the issue, please contact your distributor and refer to the warranty policy.

Product Warranty
Acebeam guarantees the flashlight against defects in material and workmanship. Flashlight products that are found to be defective under normal use within 5 year of the period of purchase date will be repaired or replaced without charge. This warranty does not cover damage caused by accident, unreasonable use or product alteration. Failure to follow the general maintenance directions could result in damage to your flashlight that may not be covered by Acebeam warranty. Should this flashlight be proved defective, the product will be repaired or replaced under the above terms. Please contact Acebeam or your original Acebeam dealer for warranty return instructions.

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