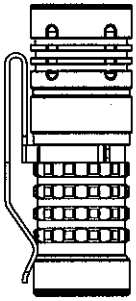
ACEBEAM®

— NEW THINKING ON LIGHT —

User Manual



TK16

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.
- Use red copper alloy as body material.
- 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: 75.8g w/o battery; 93.8g 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

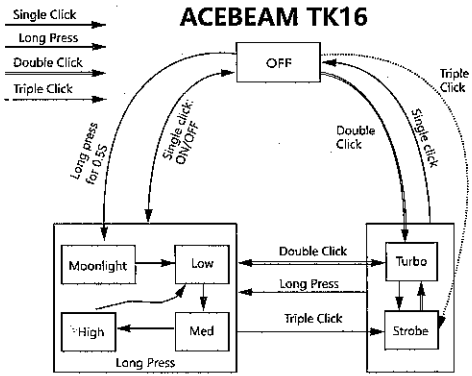
		Turbo	High	Mid	Low	Moonlight	Strobe
RCR123(16340) (550mAh 10C)	POWER	1250 lumens	450 lumens	80 lumens	13 lumens	0.5 lumens	370 lumens
		45min	1h	3h	12h	6days	1h
		118m	71m	30m	12m	—	—
		3,570cd	1,271cd	236cd	46cd	—	—
	ECO	750 lumens	450 lumens	80 lumens	13 lumens	0.5 lumens	370 lumens
		45min	1h15min	3h	12h	6days	1h
		89m	71m	30m	12m	—	—
		2,000cd	1,271cd	236cd	46cd	—	—
CR123A(1500mAh)	POWER	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	—	—

FLASHLIGHT 1m

FLASHLIGHT 2m

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

Operation Instruction



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).