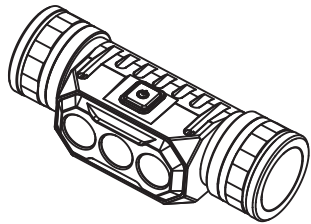




User Manual



H50

Triple LED Wide Beam Angle
Rechargeable Headlamp

Features

- Multiple LED choices maximum versatility
- 3 x SAMSUNG LH351D LED output 2,000 lumens
- 3 x Nichia 219C LED CR1290 color rendering
- 3 x OSRAM KW CSLNM1.TG LED throw 209 meters
- 125° wide beam angle
- Sturdy aerospace-grade aluminum body with military grade type III hard-anodized finish
- 3 different lighting modes(ALL-ON, Two-Side-ON, Middle-On) can be toggled
- Powered by 1 x 18650 or 2 x CR123A or 2 x 16340 batteries
- Convenient USB-C charging function with triple times charging speed
Attention: Prohibited charging for 2 x CR123A or 2 x 16340 batteries
- Highly efficient constant current circuit design (Non-PWM)
- Low battery voltage warning with flickering
- Intelligent temperature controller is used to adjust brightness and prevent overheating and a generous throw
- TIR (Total Internal Reflection) optic facilitates efficient light transmission with a broadbeam
- Widely used for Reading, Night Running, Camping, Biking, Mountaineering, Caving, Hunting, Search & Rescue and outdoor activities

Accessories

1x USB-C charging cable; 1x Headband with silicone holder; 2x O-rings; 1x User manual; 1x Battery warning card; 1x Warranty card

Specifications

Size: 83mm(Length)x 33mm(Head dia.)x 26mm(Body dia.)
Weight: 62g(without battery)

Technical Parameter

3 x SAMSUNG LH351D(1x 18650 battery)							
	FL1 STANDARD	Turbo	High	Mid	Low	Ultra-Low	SOS
ALL-ON		2000 lumens	1000 lumens	450 lumens	55 lumens	10 lumens	1000 lumens
		2h 15min	2h 30min	3h	3h 30min	16day	5h
		137m	95m	60m	23m	11m	95m
		4,700cd	2,250cd	910cd	136cd	30cd	
TWO-SIDE-ON		1350 lumens	700 lumens	300 lumens	40 lumens	5 lumens	700 lumens
		2h 15min	2h 30min	4h 15min	5h 15min	21day	5h
		109m	76m	49m	20m	9m	76m
		2,950cd	1,460cd	600cd	98cd	22cd	
MIDDLE-ON		650 lumens	350 lumens	150 lumens	20 lumens	3 lumens	350 lumens
		3h	4h 45min	9h	10h 30min	30day	9h 30min
		76m	53m	34m	14m	6m	53m
		1,450cd	690cd	290cd	50cd	10cd	



3 x Nichia 219C CR1290(1x 18650 battery)							
	FL1 STANDARD	Turbo	High	Mid	Low	Ultra-Low	SOS
ALL-ON		1210 lumens	650 lumens	300 lumens	40 lumens	5 lumens	650 lumens
		2h 15min	2h 30min	3h	3h 30min	16day	5h
		121m	90m	57m	21m	8m	90m
		3,690cd	2,030cd	820cd	110cd	18cd	
TWO-SIDE-ON		800 lumens	400 lumens	200 lumens	25 lumens	4 lumens	400 lumens
		2h 15min	2h 30min	4h 30min	5h 15min	21day	5h
		101m	70m	46m	19m	8m	70m
		2,570cd	1,210cd	530cd	87cd	16cd	
MIDDLE-ON		420 lumens	250 lumens	100 lumens	15 lumens	1 lumen	250 lumens
		3h	4h 45min	9h	10h 30min	30day	9h 30min
		74m	51m	33m	12m	4m	51m
		1,380cd	660cd	270cd	36cd	5cd	
3 x OSRAM KW CSLNM1.TG(1x 18650 battery)							
	FL1 STANDARD	Turbo	High	Mid	Low	Ultra-Low	SOS
ALL-ON		1250 lumens	650 lumens	300 lumens	40 lumens	5 lumens	650 lumens
		2h 15min	2h 30min	3h	3h 30min	16day	5h
		209m	147m	94m	38m	15m	147m
		10,900cd	5,400cd	2,200cd	320cd	60cd	
TWO-SIDE-ON		850 lumens	450 lumens	200 lumens	25 lumens	4 lumens	450 lumens
		2h 15min	2h 30min	4h 30min	5h 15min	21day	5h
		169m	118m	75m	29m	13m	118m
		7,100cd	3,490cd	1,410cd	210cd	40cd	
MIDDLE-ON		430 lumens	250 lumens	100 lumens	15 lumens	2 lumens	250 lumens
		3h	4h 45min	9h	10h 30min	30day	9h 30min
		117m	82m	53m	21m	9m	82m
		3,450cd	1,690cd	710cd	110cd	20cd	



Notice: The above-mentioned parameters (tested with 1x ACEBEAM 18650 3100mAh battery) are approximate and may vary from flashlight, batteries, and environments.
The Turbo mode WILL NOT be operational when powered by other standard 18650 or current less than 10A (IMR18650) batteries.
The Turbo output is measured in total of runtime including output at step-down levels due to temperature regulation or protection mechanism.

Operation Instruction

Single click: ON/OFF

Double click: Cycle the lighting mode from Triple ON → Two-Side ON → Middle ON

Long press:

When flashlight is OFF, long press 0.5 seconds goes to Ultra-Low, continue pressing to 3 seconds, the flashlight will be Locked after 3 times flash.

When flashlight is ON, long press cycle from Low → Med → High → Turbo.

When flashlight is Locked, long press 3 seconds for Unlock after 3 times flash.

SOS: Quickly single click+ long press.

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.
Email: info@acebeam.com

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