

## ACEBEAM W30

# Acebeam W30 Long Range LED Flashlight User Manual

Model: W30

## INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Acebeam W30 Long Range LED Flashlight. Please read this manual thoroughly before operating the device and retain it for future reference.



Image: The Acebeam W30 Long Range LED Flashlight, a black cylindrical device with a wide head and a narrower body, featuring a pocket clip.

## PRODUCT FEATURES

- Max 500 lumens brightness output.
- Max beam distance up to 2408 meters.
- Depth of diving related 100 meters.
- Powered by 1 x Micro-USB rechargeable Li-ion battery (ACEBEAM IMR NP-510A/USB), compatible with 1 x 18650 Li-ion battery using an adapter.
- Stainless steel tail switch for fast and convenient operation.
- Digitally regulated output maintains constant brightness.
- Power indicator displays battery voltage.
- Low-voltage warning reminds when battery charging is needed.
- Used Convex lens and Toughened ultra-clear glass lens with anti-reflective coating.
- Standard tripod socket compatibility.
- Made of durable aerospace-grade aluminum alloy with a premium type hard-anodized anti-abrasive finish.
- Includes a white diffuser for versatility.

**ACEBEAM®**

**W30**  
BLOS Searchlight

### 2.4km Ultra-throw Hunting & 100m Diving LEP Flashlight

- \* Max 500 lumens
- \* Beam distance **2408** meters
- \* Depth of diving related **100** meters
- \* Peak beam intensity 1450000cd
- \* Compatible battery 1x **21700** (Included) or 1x 18650 battery
- \* Full-width **1.8°** divergence angle



*Image: An illustration highlighting the key features of the Acebeam W30, including its 500 lumens output, 2408-meter beam distance, 100-meter diving depth, and compatible battery types.*

Without convex lens, the blue beam is converted into a wide spectrum white light through a fluorescent material, which is similar to the LED illumination principle.

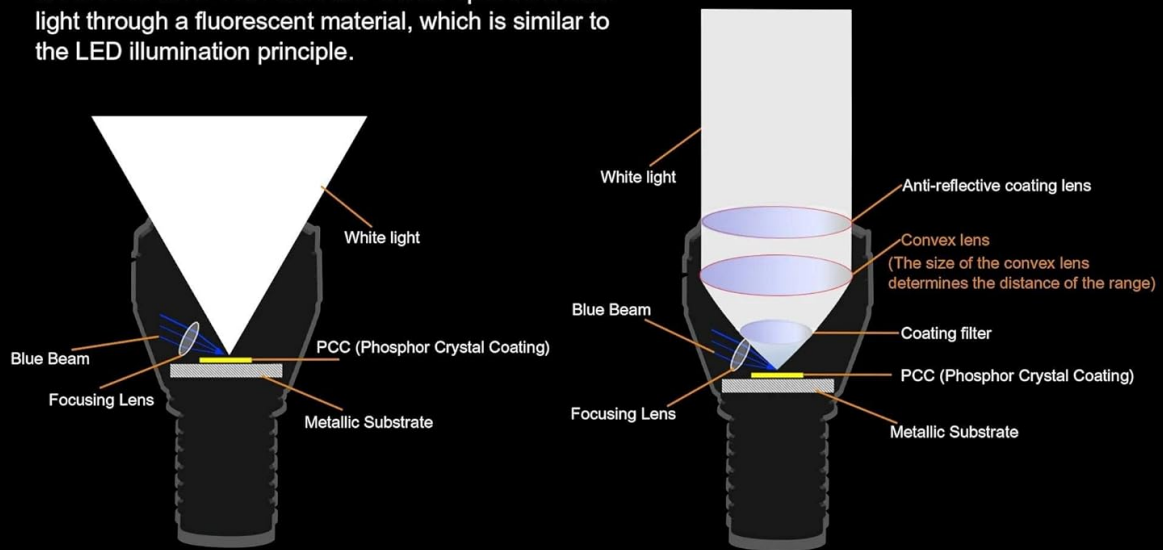


Image: A diagram illustrating the difference in light beam formation between a standard LED flashlight and an LEP (Laser Excited Phosphor) flashlight with a convex lens, showing how the convex lens focuses the beam for longer throw.

## PACKAGE CONTENTS

Please check the package for the following items:

- 1x Acebeam W30 Flashlight Head
- 1x Acebeam W30 Flashlight Body
- 1x ACEBEAM IMR21700NP-510A USB Rechargeable Battery
- 1x Tailcap
- 1x White Diffuser
- 1x Battery Adapter (for 18650 battery compatibility)

### Components:

- \* 1xHead
- \* 1xBody
- \* 1xACEBEAM IMR21700NP-510A  
USB Rechargeable Battery
- \* 1xTailcap



Image: A disassembled view of the Acebeam W30 flashlight, showing its main components: the head, body, 5100mAh 21700 rechargeable battery, and tailcap.

## SETUP

### 1. Battery Installation

1. Unscrew the tailcap of the flashlight.
2. Insert the provided ACEBEAM IMR21700NP-510A battery with the positive (+) end facing towards the head of the flashlight.
3. If using an 18650 battery, place it inside the included battery adapter first, then insert it into the flashlight with the positive (+) end towards the head.
4. Screw the tailcap back on tightly to ensure proper contact and water resistance.

### 2. Initial Charging

The included ACEBEAM IMR21700NP-510A battery features a built-in Micro-USB charging port.

1. Connect the Micro-USB cable to the battery's charging port.
2. Connect the other end of the USB cable to any 5V/1A output USB power source (e.g., computer, wall adapter, power bank).
3. The indicator light on the battery will show **red** during charging and turn **green** when fully charged.
4. The battery can also function as a power bank, providing 5V/1A output to charge other mobile devices.

\*IMR21700NP-510A can be charged by any 5V/1A output device

\*Red means during charging  
\*Green means fully charged



\*IMR21700NP-510A is also a power bank, output/discharging of 5V/1A for any mobile device

Image: The Acebeam IMR21700NP-510A battery being charged via a Micro-USB cable connected to a smartphone, demonstrating its dual function as a power bank.

### Acebeam IMR21700NP-510A Built-in Micro-USB Rechargeable Battery/Power Bank



IMR21700NP-510A is a high capacity of 5100mAh 21700 Li-ion rechargeable battery with built-in Micro-USB charging port, also the Input/Output USB cable with charge-discharge function.

Image: The Acebeam IMR21700NP-510A battery connected to a laptop via a Micro-USB cable for charging, illustrating the charging process.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

- To turn the flashlight on or off, press the stainless steel tail switch.
- The W30 features a single, highly concentrated output.

### 2. Power Indicator



The flashlight includes a power indicator to display the battery voltage status:

- **Green constant-on:** Voltage  $\geq 3V$  (Sufficient power)
- **Red constant-on:** Voltage  $< 3V$  (Low power, charging needed)



Image: A close-up view of the Acebeam W30 flashlight, highlighting the location of the power indicator light on the body and the stainless steel tail switch for operation.

### 3. Diving Use

The Acebeam W30 is designed to be waterproof up to a depth of 100 meters.

- Ensure the tailcap is screwed on tightly before submerging the flashlight.
- After diving, rinse the flashlight with fresh water and dry it thoroughly.



Image: The Acebeam W30 flashlight being used underwater by a diver, demonstrating its waterproof capability and wide beam angle of 1.8 degrees.

#### 4. Using the White Diffuser

The included white diffuser can be attached to the head of the flashlight to soften the beam and provide a wider, more even light spread, useful for close-range illumination or as a signal light.

### MAINTENANCE

- **Cleaning:** Clean the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **O-rings:** Periodically inspect and lubricate the O-rings with silicone grease to maintain water resistance. Replace damaged O-rings.
- **Threads:** Keep the threads clean and lightly lubricated.
- **Battery Care:**
  - Charge the battery fully before first use.
  - Recharge the battery when the power indicator shows red.
  - If storing the flashlight for an extended period, remove the battery and store it separately in a cool, dry place. Recharge the battery every 3-6 months to prolong its lifespan.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

### TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is low or depleted. Battery is inserted incorrectly. Tailcap is loose. Dirty contacts.	Charge the battery. Reinsert the battery with the positive (+) end towards the head. Tighten the tailcap. Clean battery and flashlight contacts with a clean cloth.
Light output is weak.	Battery is low.	Charge the battery.
Battery not charging.	USB cable or power source faulty. Battery charging port dirty.	Try a different USB cable or power source. Clean the battery's Micro-USB port.

### SPECIFICATIONS

Feature	Detail
Model	Acebeam W30
Light Source	LEP (Laser Excited Phosphor)
Brightness	500 Lumens

Feature	Detail
Beam Distance	2408 meters (7,900ft, 1.5 miles)
Color Temperature	Cool White 6500K
Power Source	1x ACEBEAM IMR21700NP-510A USB Rechargeable Li-ion Battery (included) or 1x 18650 Li-ion Battery (with adapter)
Battery Capacity	5100mAh (21700 battery)
Runtime	1 hour 45 minutes (with 5100mAh battery)
Water Resistance	Waterproof to 100 meters (diving depth)
Material	Aerospace-grade aluminum alloy with hard-anodized anti-abrasive finish
Dimensions	Length: 199.1mm (7.84"), Head Diameter: 61mm (2.4"), Body Diameter: 30mm (1.18")
Weight	248g (8.74oz) (without battery)
Special Features	Long Range, Rechargeable, Power Indicator, Low-voltage Warning, Tripod Socket, White Diffuser Included



Image: An illustration detailing the physical dimensions of the Acebeam W30 flashlight, including its length (199.1mm), head diameter (61mm), body diameter (30mm), and weight (248g).

### WARRANTY INFORMATION

The Acebeam W30 Long Range LED Flashlight comes with a limited warranty. Please refer to the official Acebeam website or your purchase documentation for specific warranty terms and conditions. This warranty typically covers manufacturing defects under normal use.



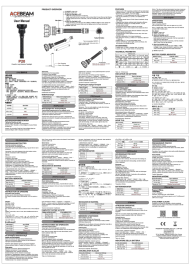


## CUSTOMER SUPPORT



For technical assistance, warranty claims, or any questions regarding your Acebeam W30 flashlight, please contact Acebeam customer support through their official website or the retailer from whom you purchased the product.

## SAFETY WARNINGS

- **DO NOT** look directly into the beam or point it into the eyes of any person or animal. The intense light can cause temporary vision impairment or permanent eye damage.
- Keep out of reach of children.
- Do not disassemble the sealed head of the flashlight, as this may damage the LEP module and void the warranty.
- Use only recommended batteries. Improper battery use may result in fire, explosion, or leakage.
- Do not expose the flashlight to extreme heat or open flames.

### Related Documents - W30

	<p><a href="#">Acebeam TAC 2AA Flashlight User Manual</a></p> <p>User manual for the Acebeam TAC 2AA flashlight, detailing features, technical parameters, battery indicator, operation, and specifications.</p>
	<p><a href="#">Acebeam P20 User Manual: Powerful Long Distance Tactical Flashlight</a></p> <p>Comprehensive user manual for the Acebeam P20 flashlight, detailing features, specifications, operation, and safety. Discover its powerful illumination for tactical and long-distance use.</p>
	<p><a href="#">Acebeam X20 High-Lumen LED Flashlight User Manual</a></p> <p>Comprehensive user manual for the Acebeam X20, a powerful LED flashlight delivering up to 10,000 lumens. Learn about its features, specifications, operation, battery management, and safety guidelines for optimal use.</p>
	<p><a href="#">ACEBEAM L19 2.0 Long Range Tactical Flashlight User Manual</a></p> <p>Comprehensive user manual for the ACEBEAM L19 2.0, a long-range tactical flashlight. Features include LED specifications, operation instructions, warnings, maintenance, and warranty information.</p>

	<a href="#">ACEBEAM Terminator M2-X Multi-Light EDC Flashlight User Manual</a> Comprehensive user manual for the ACEBEAM Terminator M2-X flashlight, detailing features, specifications, operating instructions, and maintenance for this multi-light source EDC flashlight.
	<a href="#">Acebeam EC90 Long Range EDC Flashlight User Manual</a> User manual for the Acebeam EC90 flashlight, detailing its features, operation, technical specifications, and package contents. This guide covers powerful illumination, quick mode switching, magnetic tail cap, USB-C charging, and durable design.

Documents - ACEBEAM – W30

Updated January 10, 2020	Total BLF	Total Reddt	Total CPF	Total
Lumintop FW3A/S/T:	20	9	3	28
Emisar D4v2	12	5	1	18
BLF LT1	9	2	1	12
Emisar D4sv2(vn)	6	4		10
Fireflies E07	3	3		6
Sofirn C01s	5			5
Wildtrail BLF D80v2	4			4
Wurkkos WK30	3	1		4
Acebeam W30:	2	1		3
Armytek Wizard Pro: (144A)	1	2		3
Convoy S2+	3			3
Emisar D18	1	1	1	3
Imalent RT90TS	2		1	3
Lumintop EDC18	1	1		2
Noctigon K1	2	1		3
Sofirn BLF SP36	1	2		3
Zebralight SC64c		2	1	3
4seven Preon P1		1	1	2
4Sevens Preon P2			2	2
Acebeam K350T:	1			1
Acebeam KT5:	1		1	2
Astrlux FT3:	2			2
Perry P025		2		2
Jaxman Z1	2			2
Jelbeam Jd1 II	2			2
Lumintop PWF A:	2			2
Lumintop Tool AAA:	2			2
4Sevens p040ms			1	1
4Sevens Preon P2 penlight			1	1
4Sevens Maststrom 123x2			1	1
4Sevens Quark AA42			1	1
Acebeam EC65:	1			1
Acebeam H40:	1			1
Acebeam TK16:	1			1
Acebeam X45II:	1			1
Acebeam X80:	1			1
Astrlux EC01:	1			1
Astrlux S41s:	1			1
BLF A6:	1			1
BLF Q8:	1			1
BLF SP36	1			1

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Popular flashlights 2019 1lumen Updated January 10 2020 Total BLF ReddtTotal CPF 1Lumen Lumintop

FW3A S T 20 5 3 28 Emisar D4v2 12 1 18 LT1 9 2 D4sv2 vn 6 4 |||

Updated January 10, 2020 Lumintop FW3A/S/T: Emisar D4v2 BLF LT1 Emisar D4sv2 vn Fireflies E07 Sofirn C01 s Wildtrail BLF D80v2 Wurkkos WK30 Acebeam **W30**:

Armytek Wizard Pro: 144A Convoy S2 Emisar D18 Imalent RT90TS Lumintop EDC18 Noctigon K1 Sofirn BLF SP36 Zebralight SC64c 4seven Preon P1 4Seve...

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