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## WUBEN PL01

# WUBEN PL01 Pen Light Instruction Manual

Model: PL01



## 1. INTRODUCTION

The WUBEN PL01 is a compact, high-performance pen light designed for various applications including home use, outdoor activities, emergencies, and inspections. It features a bright 650-lumen output, dual power options (rechargeable battery or AAA batteries), IP68 waterproof rating, and a durable aluminum alloy construction. This manual provides detailed instructions for its safe and effective use.





Image 1.1: The WUBEN PL01 Pen Light, showcasing its sleek design and compact size.

## 2. WHAT'S IN THE BOX

Please verify that all items are present upon opening the package:

- WUBEN PL01 Pen Light x 1
- Rechargeable Battery (pre-installed or separate) x 1
- Type-C Charging Cable x 1
- Lanyard x 1
- Spare O-rings x 2
- User Manual (this document) x 1





## Packing list:

PL01 x 1  
Type-c charging cable x 1  
Black Universal Hand Strap x 1  
Waterproof ring x 2  
Instruction manual x 1

## Technical Parameters

ANSI FL1 Standard	High	Med	Low	Moon
Output	650~150 Lumens	150 Lumens	50 Lumens	1 Lumen
Runtime	1 min + 1 Hours	2.5 Hours	7 Hours	125 Hours
Battery	Rechargeable Battery (Including) / 2 AAA Battery (Exclude)			
Beam Distance	110 Meters			
Intensity	3000 CD			
LED	1 x 315D			
Waterproof	IP68			
Impact Resistance	2 Meters			
Weight	0.98 oz (without battery)   1.59oz (with battery)			
Specification	5.31inx0.59in (LxD)			



Image 2.1: Contents of the WUBEN PL01 package, including the pen light, charging cable, lanyard, and spare O-rings.

## 3. SETUP

### 3.1 Battery Installation

The WUBEN PL01 supports two power sources: the included rechargeable battery or two standard AAA batteries (not included). Ensure correct polarity during installation.

1. Unscrew the tail cap of the flashlight.
2. Insert the rechargeable battery or two AAA batteries with the positive (+) end facing towards the head of the flashlight.
3. Securely re-screw the tail cap until it is fully tightened.



# Dual Power, Flexible Use

Rechargeable or AAA — switch power sources with ease, wherever you go

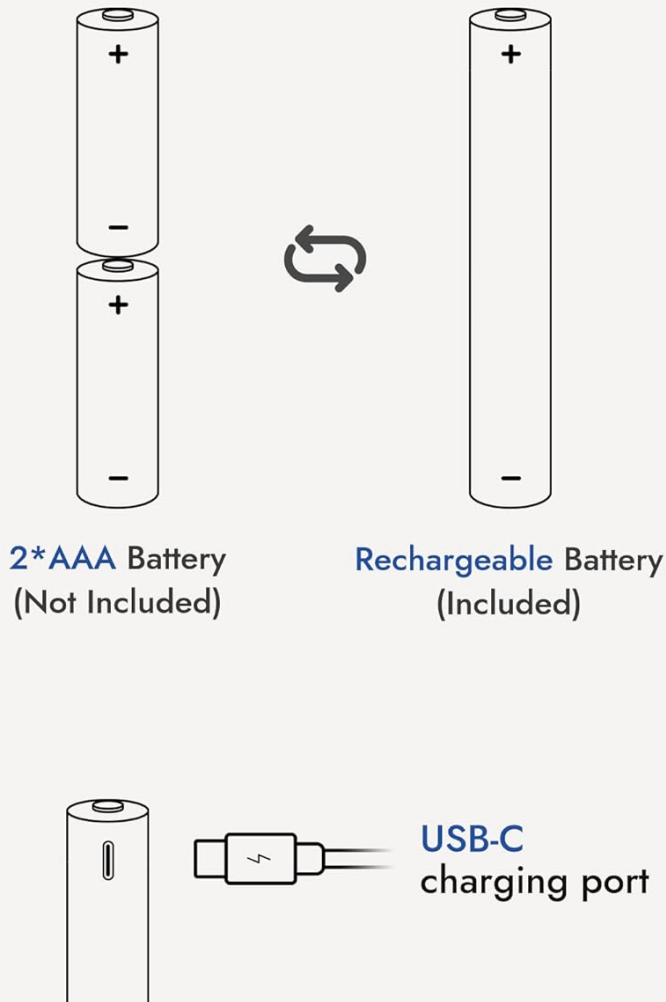


Image 3.1: Illustration of the dual power options for the WUBEN PL01, showing both the rechargeable battery and AAA battery configuration.

## 3.2 Charging the Rechargeable Battery

The included rechargeable battery features a built-in USB-C charging port. The flashlight itself does not have an integrated charging port.

1. Unscrew the tail cap and remove the rechargeable battery from the flashlight.
2. Connect the provided USB-C charging cable directly to the charging port on the battery.
3. Connect the other end of the USB-C cable to a compatible USB power source (e.g., wall adapter, computer USB port).
4. A red indicator light on the battery signifies that it is charging.
5. The indicator light will turn green when the battery is fully charged.
6. Charging typically takes approximately 1.5 hours.
7. Once charged, reinsert the battery into the flashlight and secure the tail cap.

## 4. OPERATING INSTRUCTIONS



## 4.1 Power On/Off

To turn the WUBEN PL01 on or off, perform a full press of the tail switch button.

## 4.2 Mode Switching

With the light turned on, half-press the tail switch button to cycle through the available brightness modes in the following sequence:

- **Moon:** 1 Lumen
- **Low:** 50 Lumens
- **Medium:** 150 Lumens
- **High:** 650 Lumens

The flashlight features a mode memory function, meaning it will activate in the last used brightness mode when turned on again.

# Effortless Control

Click to turn on, tap to adjust  
— learning curve, just light



**Full Press:**  
Light On/Off



**Half Press:**  
Moon->Low->Med->Turbo->Moon



Image 4.1: Diagram illustrating the tail switch operation for power on/off and mode cycling.



# Bright in Every Way

From soft glow to full power — 4 modes for any task

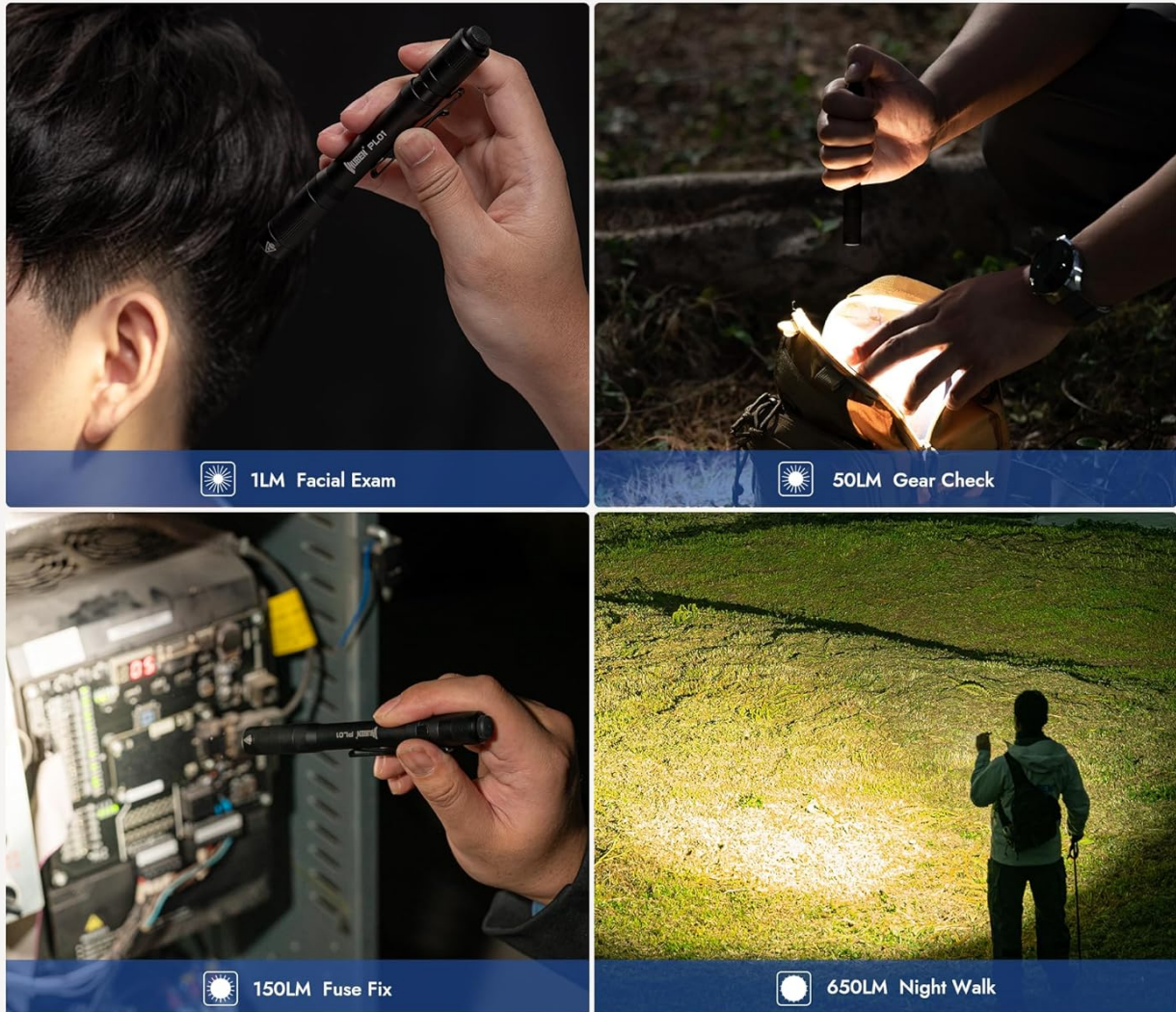


Image 4.2: Examples of the WUBEN PL01's four brightness modes in various practical scenarios, from facial examination to night walking.

## 4.3 Dual-Direction Clip Usage

The WUBEN PL01 is equipped with a versatile two-way clip, allowing for secure attachment to various items for hands-free lighting.

- **Pocket Carry:** Attach the clip to a shirt pocket or pants pocket for easy access.
- **Backpack Strap:** Secure the flashlight to a backpack strap for illumination during hikes or walks.
- **Cap Mount:** Clip the flashlight to the brim of a cap to convert it into a temporary headlamp.





## Dual-Direction Clip

Secure & Flexible from Any Angle



Pocket Carry



Backpack Strap



Cap Mount

Image 4.3: Demonstrates the versatility of the dual-direction clip, showing the flashlight attached to a pocket, backpack strap, and cap.

## 5. MAINTENANCE

### 5.1 Cleaning

To maintain optimal performance and appearance:

- Clean the flashlight body with a soft, damp cloth. Avoid harsh chemicals or abrasive materials.
- For the lens, use a clean, soft cloth specifically designed for optical surfaces.

### 5.2 O-ring Replacement

The PL01's IP68 waterproof rating relies on properly sealed O-rings. Periodically inspect them for any signs of wear, cracks, or damage.

- If O-rings appear damaged, replace them with the provided spare O-rings.
- Apply a thin layer of silicone grease to the O-rings to ensure a better seal and prevent drying.



### 5.3 Battery Care

- If the flashlight will not be used for an extended period, remove the batteries to prevent potential leakage and damage.
- For the rechargeable battery, recharge it every 3-6 months to maintain its overall lifespan and capacity.

#### Type III Hard-Anodized

- ✓ Highly scratch-resistant
- ✓ Excellent rust resistance
- ✓ Drop-resistant and tough



Image 5.1: The WUBEN PL01's Type III hard-anodized aluminum body, highlighting its scratch, rust, and impact resistance.





## IP68 Waterproof & 2m Impact Resistance

Alcohol Cleanable. Tough. PL01



Image 5.2: The WUBEN PL01 demonstrating its IP68 waterproof and 2-meter impact resistance, suitable for demanding environments.

## 6. TROUBLESHOOTING

If you encounter issues with your WUBEN PL01, please refer to the following common problems and solutions:

- **Light does not turn on:**

- Ensure the batteries are installed with correct polarity.
- Check if the rechargeable battery is charged, or if AAA batteries are new.
- Verify that the tail cap is fully tightened. A loose tail cap can prevent electrical contact.
- Clean the battery contacts and the contact points inside the flashlight with a clean cloth.

- **Light flickers or dims unexpectedly:**

- The battery level may be low. Recharge the included battery or replace AAA batteries.
- Ensure the tail cap is securely tightened.
- Clean battery contacts and internal contact points.



- **Water ingress (if exposed to water):**
  - Immediately turn off the flashlight and remove the batteries.
  - Inspect the O-rings for any damage, tears, or improper seating. Replace if necessary.
  - Ensure the tail cap was fully tightened before exposure to water.
  - Allow the flashlight to dry completely before reassembling and attempting to use it.

If the problem persists after attempting these solutions, please contact WUBEN customer support.

## 7. SPECIFICATIONS

Feature	Detail
Model	PL01
Output Modes	High (650 Lumens), Medium (150 Lumens), Low (50 Lumens), Moon (1 Lumen)
Runtime	High: 1 hour, Medium: 2.5 hours, Low: 7 hours, Moon: 125 hours
Battery Type	Rechargeable (Included) / 2 x AAA Battery (Not Included)
Beam Distance	110 Meters
Peak Beam Intensity	3000 CD
LED	1 x 315D
Waterproof Rating	IP68 (Submersible in 2m water for 1 hour)
Impact Resistance	2 Meters
Weight	1.59 oz (with battery)
Dimensions (L x D)	5.31 inches x 0.59 inches
Material	Anodized Aluminum
Color Temperature	5000 Kelvin



## Premium Emitter

5000K Natural Light, CRI>90

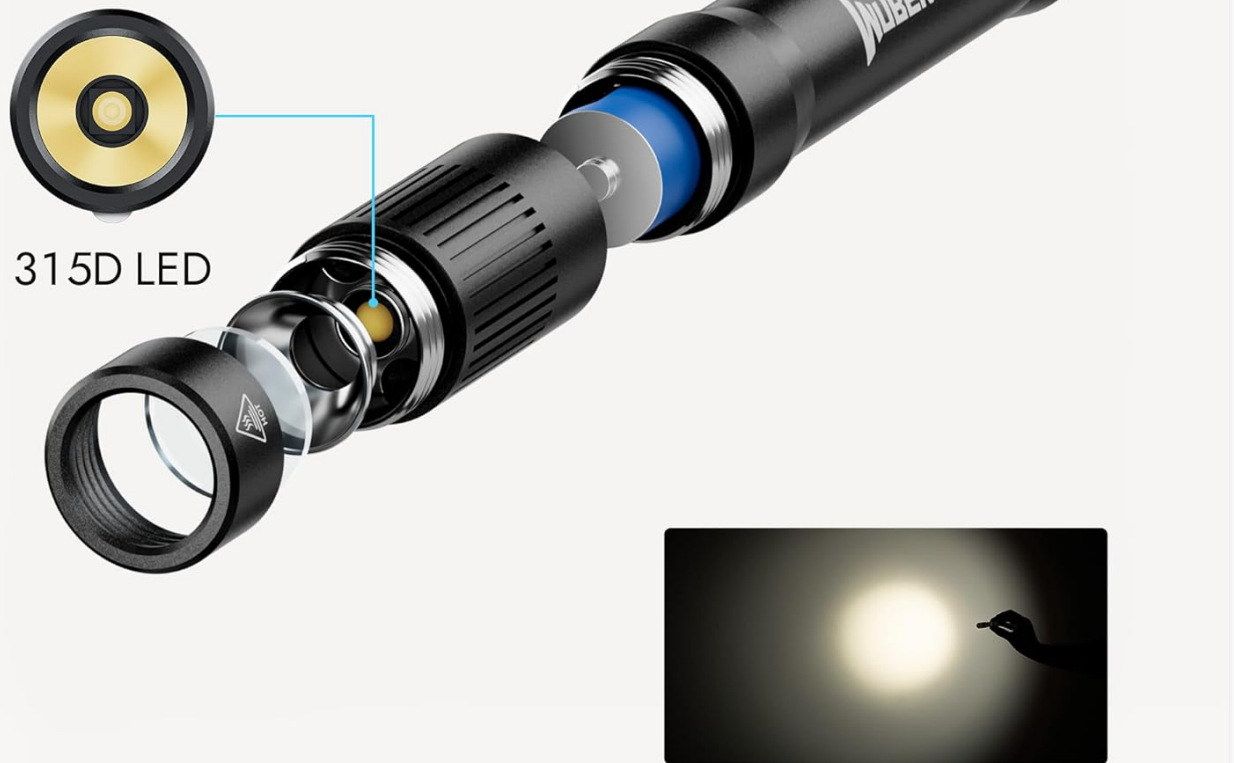


Image 7.1: Diagram illustrating the internal components of the WUBEN PL01, focusing on the 315D LED emitter and optical system.

## 8. WARRANTY INFORMATION

WUBEN products typically come with a manufacturer's warranty. For specific warranty terms, conditions, and registration details, please refer to the official WUBEN website or contact their customer support. Keep your purchase receipt as proof of purchase for any warranty claims.


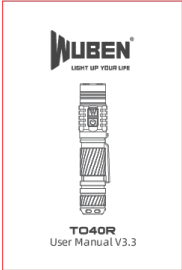


## 9. CUSTOMER SUPPORT

For further assistance, product inquiries, or technical support, please visit the official WUBEN website or contact their customer service department. You can often find FAQs, troubleshooting guides, and contact information on their website.

Official WUBEN Store: [WUBEN Store on Amazon](#)



Related Documents - PL01

	<p><a href="#">WUBEN X4 Flashlight User Manual - Operation, Features, and Specifications</a></p> <p>Comprehensive user manual for the WUBEN X4 flashlight. This guide covers package contents, product components, detailed operation modes (main light, side light, moonlight, turbo, strobe), charging indicators, maintenance, troubleshooting FAQs, warranty policy, and technical specifications.</p>
	<p><a href="#">WUBEN TO40R User Manual V3.3</a></p> <p>Comprehensive user manual for the WUBEN TO40R flashlight, detailing product operation, installation, features, battery status, charging, parameters, maintenance, FAQs, and warranty policy. Includes multiple languages for user convenience.</p>
	<p><a href="#">WUBEN L60 Flashlight User Manual</a></p> <p>Comprehensive user manual for the WUBEN L60 flashlight, detailing features, operation, specifications, and maintenance. Includes information on charging, modes, and safety.</p>
	<p><a href="#">WUBEN C2 Flashlight User Manual and Warranty Information</a></p> <p>Comprehensive user manual for the WUBEN C2 flashlight, covering operation, maintenance, troubleshooting, and warranty details. Includes specifications and safety warnings.</p>





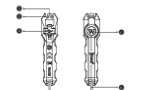
## ⚠ WARNINGS

- Please read user manual carefully before using the light.
- Product will get very hot as the working, please be cautious with that to avoid any possible harm.
- Please don't shine it on accidentally to avoid harm to eyes.
- Please keep the light away from children.
- Please use WUJIAN or WUJIAN recommended batteries.
- Please don't disassemble the product or it will not be covered by WUJIAN warranty policy.
- Please don't throw the products into fire.
- This is not a diving product, please don't use it underwater for a long time.



## 1.About Product

Q1 is a tiny and portable keychain light. With built-in Type-C charging design and powered by a 120mAh Li-ion battery, it emits 40 lumen's max output. You will be greatly aware of the battery status with its battery indicator, and will find the keychain light easy with its breathing light. Q1 will be your good choice of a margin light source.



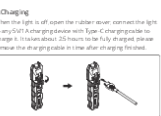
- ① USB
- ② USB protective ring
- ③ Type-C charging port
- ④ Watch (Battery indicator/charging, etc.)
- ⑤ Keychain ring

● ON/OFF: single click on ● switch to turn on/off the light.

- **Output Selection:** When the light is on, long press  switch to cycle through Low-High-Low. It will lockout the brightness on ce releasing the switch at any mode.

bluebreasting light.

**4. Lockout/Off mode**  
When the light is off, 4 times click on , the main light will blink 3 times to indicate the lockout of the light. Any operation on the switch will lead to flashing 3 times of the  switch indicator; unless another 4 times click on , which will activate L on mode, to indicate unlocking of the light.



Changing	Red light can start on
----------	------------------------

Changing fire shed	Blue light constant on
--------------------	------------------------

C > 0.0%	Blue light constant on j after 5 seconds
----------	--

$80\% < C < 40\%$	Blue light flashes (off after 5 seconds)
$40\% < C < 15\%$	Red light constant on (off after 5 seconds)
$15\% < C < 0$	Red light flashes

IL1 Standard	High	Low
--------------	------	-----

	400 Lecture	0 Lecture
	800 Lecture	0 Lecture
	15 Minutes	
	55 Cards a	
	1 Meter	
	Big 0.20m	
	000 m x 100 m x 100 m / 2 000 m x 0.000 m x 0.000 m	

⚠️ All data from experiments of WUOLN are according to WUOLN's FLI standards and may vary due to use of different experiment equipment, experiment environment, or other factors. Experiments are based on an online but not in 200mAh lithium battery.

- When it shows low power, please recharge it in time in order to avoid the battery being damaged.

- When not in use for a long time, please recharge it every 3 months to ensure the durability of the battery.
- Please cover the rubber piece of the USB ports with after recharging or discharging to avoid foreign matter.
- Please store the product in a dry and ventilated place.

Problems	Causes	Solutions
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Abnormal flash or failure to turn on	Check if the switch is odious	Unplug the switch
	Check if the switch is turned on correctly	Turn on the switch
Abnormal noise	Check if foreign matter falls in the tube	Pour out possible foreign matter
	Part damage	Contact your dealer

If your job isn't listed, not to worry, please contact WJLB Headquarters for other assignments.

### 1. Warranty coverage

- 3 year warranty: Within 3 year from the date of purchase, if

- **Product quality:** If the product has any quality problems, VILBER will offer free repair.
- **Battery warranty:** VILBER offers a 1-year warranty for the rechargeable batteries but other included accessories are not covered by the warranty.
- **Lifetime mark warranty:** From the date of purchase, if the product has problem after 1 year, VILBER will offer paid repair for VILBER registered customers.
- **If proof of purchase cannot be provided, it will be counted on the date of manufacture.**
- **If there is any dispute, the two parties will coordinate to solve.**

• *Ilan masade da itage.*

- Damage caused by not following the instructions.
- Damage caused by improper use of the battery.
- Abnormal wear and tear.
- Damage caused by irresistible factors.
- Others.

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No. 33 Yangmei Road, Bantian Street,  
Longgang District, Shenzhen, China



Comprehensive user manual for the WUBEN G1 keychain flashlight, detailing its features, operation, charging, specifications, maintenance, FAQs, and warranty policy. The G1 is a compact, portable light with Type-C charging and a 40-lumen output.





[Wuben L1 Flashlight: Operation, Features, and Specifications](#)

Comprehensive user manual for the Wuben L1 flashlight, detailing its features, operation, maintenance, troubleshooting, and warranty information. Includes specifications for dual light sources, brightness levels, and battery performance.