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OOWOLF FL1

OOWOLF LED Flashlight Instruction Manual

Model: FL1

1. PRODUCT OVERVIEW

The OOWOLF LED Flashlight (Model FL1) is a versatile, super bright, and compact rechargeable flashlight designed for various applications including camping, hiking, daily use, and emergency situations. It features multiple lighting modes, a magnetic base, and a convenient clip-on design, making it an essential tool for both outdoor adventures and everyday tasks.





Figure 1.1: Front view of the OOWOLF LED Flashlight, showcasing its compact design and main light source.

This flashlight is equipped with 5 LED beads, providing a super bright output of up to 250 lumens. Its durable construction and IPX5 waterproof rating ensure reliable performance even in challenging weather conditions. The integrated Type-C charging port allows for easy and convenient recharging.

2. KEY FEATURES

- **Durable LED Design:** Equipped with 5 LED beads, offering 250 lumens brightness and a bead life of up to 50,000 hours.
- **Multiple Lighting Modes:** Includes Moonlight, White Light (Low/Medium/High), Strobe, Red Light, and Beacon modes. Features a memory function for white light modes.
- **User-Friendly Design:** Features a lock button state to prevent accidental activation and comes with a soft light cover to convert it into a night light or reading light.
- **Versatile Carrying Options:** Strong magnetic base for attaching to metal surfaces, a clip for attaching to clothing or gear, and lanyard holes for easy portability.
- **Rechargeable & Waterproof:** Type-C charging for convenience and IPX5 waterproof rating for outdoor use in various weather conditions.



Figure 2.1: Overview of the flashlight's multifunctional capabilities, highlighting its magnetic base, Type-C charging, gentle light cover, and IPX5 waterproof rating.

3. SETUP AND INITIAL USE

3.1 Charging the Flashlight

Before first use, fully charge the flashlight. The OOWOLF LED Flashlight uses a Type-C charging port for convenient power input.

1. Connect the provided Type-C charging cable to the flashlight's charging port.
2. Connect the other end of the cable to a compatible USB power source (e.g., wall adapter, power bank, computer USB port).
3. The charging indicator light will show red during charging.
4. Once fully charged (approximately 1.5 hours), the indicator light will turn green.

TYPE-C RECHARGEABLE & ENERGY SAVING

Free from the hassle of battery replacement! No dry batteries required



Figure 3.1: Illustration of the Type-C charging process and indicator lights (red for charging, green for complete).

3.2 Unlocking the Flashlight (First-Time Use)

For first-time use, the flashlight may be in a locked state to prevent accidental activation during shipping. To unlock:

1. Press and hold the power button for more than one second.
2. The flashlight will unlock and return to normal operation.



Figure 3.2: Diagram illustrating the lock and unlock function by pressing and holding the button.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Mode Switching

The flashlight features 7 lighting modes. A single press of the button cycles through the modes, and a long press turns the flashlight off or activates the lock function.

1. **To Turn On:** Short press the power button. The flashlight will turn on in the last used white light mode (due to memory function) or moonlight mode if it was the last mode.
2. **To Cycle Modes:** Short press the power button repeatedly to cycle through the following sequence: Moonlight → White Light Low → White Light Medium → White Light High → Strobe → Red Light → Beacon.
3. **To Turn Off:** Single press the power button to turn off the flashlight from any mode.
4. **Memory Function:** The flashlight memorizes the last used white light mode (Low, Medium, High). Strobe and Beacon modes are not memorized.
5. **Lock Button State:** While the flashlight is off, press and hold the button for approximately 2 seconds until the moonlight goes out to enter the lock button state. This prevents accidental activation. Repeat the unlock procedure (Section 3.2) to exit this state.



Figure 4.1: Detailed breakdown of lighting modes, including lumens, approximate runtimes, and the red light's use as a warning light.

4.2 Using the Soft Light Cover

The included soft light cover can be attached to the flashlight to diffuse the light, transforming it into a gentle night light or reading light.

1. Align the soft light cover with the top of the flashlight.
2. Gently push the cover onto the flashlight until it is securely in place.
3. To remove, gently pull the cover off.

COMES WITH COVER TO SOFTEN THE LIGHT

Can be used as a reading light

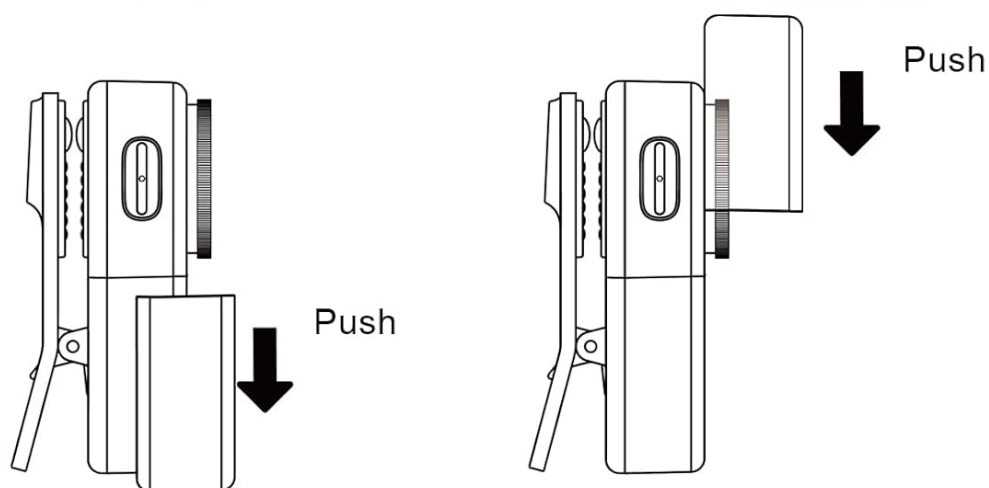


Figure 4.2: The flashlight with its soft light cover, demonstrating its use as a reading light.

5. INSTALLATION AND CARRYING METHODS

5.1 Magnetic Attachment

The flashlight features a strong magnet on its bottom, allowing it to be securely attached to any ferrous metal surface. This is ideal for hands-free operation in workshops, during auto repairs, or as a temporary light source.

INSTALLATION WITH MAGNETS

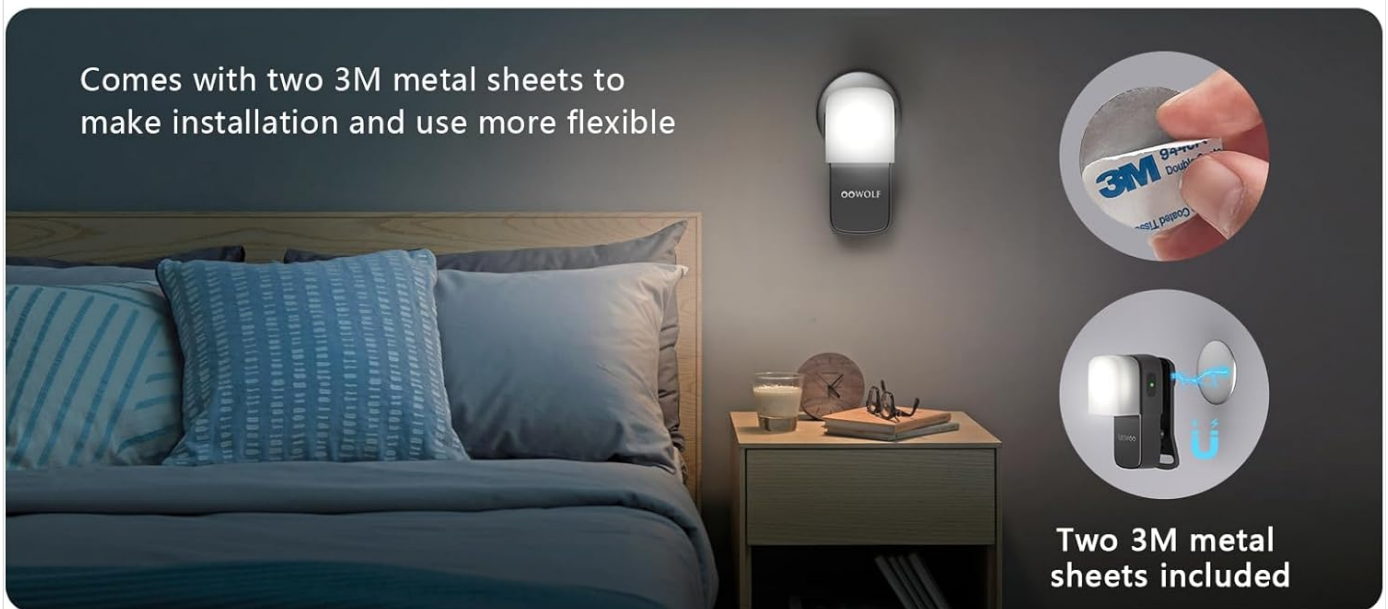
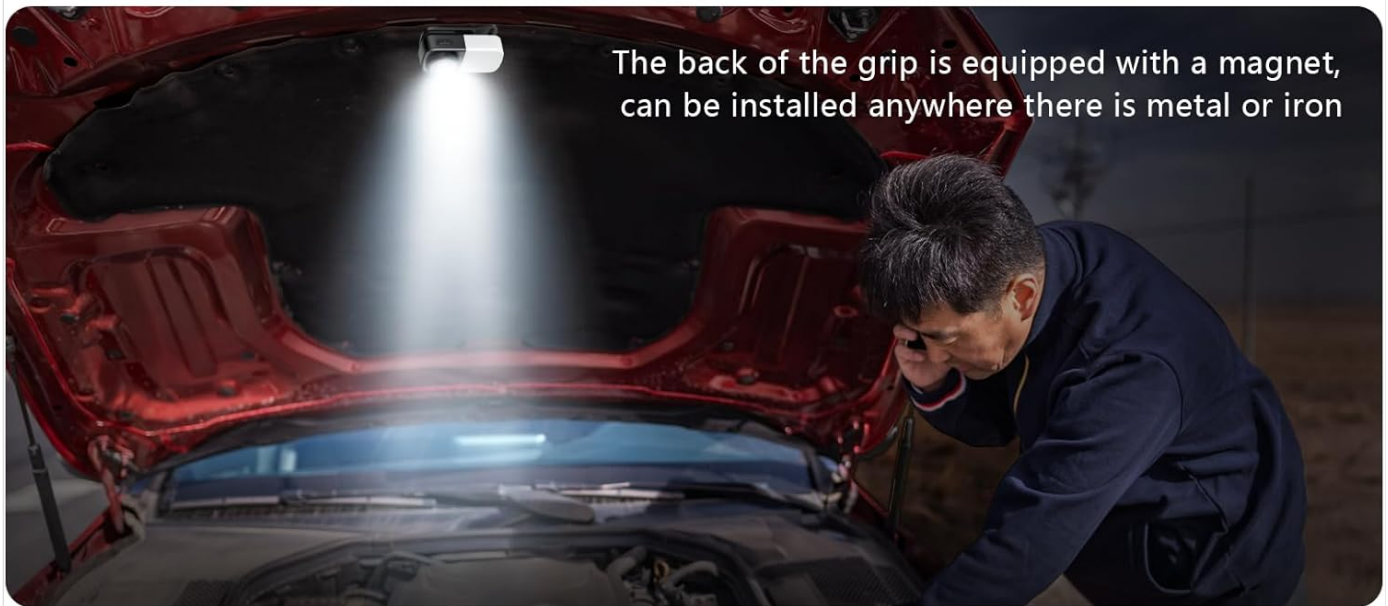


Figure 5.1: The flashlight magnetically attached to a car hood, providing illumination for engine work.

For non-metal surfaces, two 3M metal sheets are included. You can peel off the adhesive backing and stick a metal sheet to a desired surface (e.g., wall, cabinet) to create a magnetic attachment point for the flashlight.

EASY INSTALLATION WITH MAGNETS

The bottom of the unit has a magnet, so you can conveniently attach it to a wall even if you don't have a place to put it



Figure 5.2: Step-by-step guide on using the included 3M metal sheets to create magnetic attachment points on non-metal surfaces.

5.2 Clip-on and Lanyard Options

The flashlight is designed for easy portability and hands-free use with its integrated clip and lanyard holes.

1. **Clip-on:** Use the sturdy clip on the back to attach the flashlight to shirt collars, jacket pockets, backpacks, belts, or other gear.
2. **Lanyard:** Thread a lanyard (included) through the designated holes for secure carrying around your wrist or neck, or to hang it from a hook.

POCKET HANDHELD FLASHLIGHTS

All metal material, high quality and durable

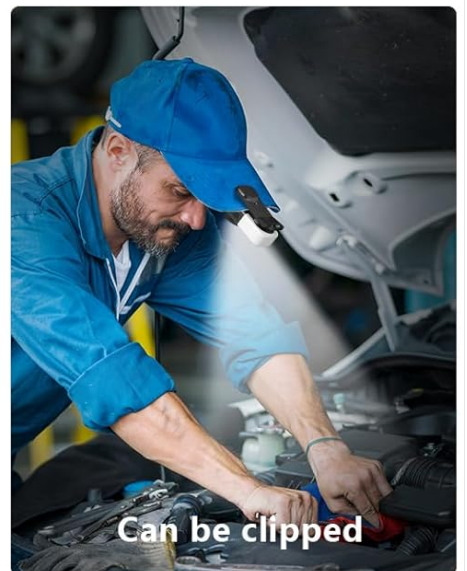


Figure 5.3: Various carrying and attachment methods, including magnetic attraction, hanging via lanyard, and clipping onto clothing.

6. MAINTENANCE AND CARE

6.1 Cleaning

To maintain the flashlight's performance and appearance, clean it regularly:

- Wipe the exterior with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as they may damage the finish.
- Ensure the charging port is free of dust and debris.

6.2 Waterproofing (IPX5)

The OOWOLF LED Flashlight has an IPX5 waterproof rating, meaning it is protected against low-pressure water jets from any direction. This makes it suitable for use in rainy or snowy weather.

- Do not submerge the flashlight in water.

- After exposure to water, wipe the flashlight dry before charging.



Figure 6.1: Visual representation of the flashlight's IPX5 waterproof capability, showing it can withstand splashes.

6.3 Battery Care

The flashlight uses a built-in rechargeable Lithium Ion battery. To prolong battery life:

- Avoid fully discharging the battery frequently.
- Recharge the flashlight when the battery indicator shows low power.
- Store the flashlight in a cool, dry place if not used for extended periods, with the battery partially charged.

7. TROUBLESHOOTING

If you encounter issues with your OOWOLF LED Flashlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted or flashlight is in lock mode.	Charge the flashlight (refer to Section 3.1). If charged, unlock the flashlight by pressing and holding the button for more than 1 second (refer to Section 3.2).
Flashlight does not charge.	Charging cable or adapter issue, or charging port is dirty.	Ensure the Type-C cable is properly connected. Try a different cable or USB power source. Clean the charging port gently.
Light output is dim.	Low battery or incorrect mode selected.	Recharge the flashlight. Cycle through modes to ensure a high brightness setting is selected.
Red light indicator is on.	Indicates battery power is below 95%.	This is a normal battery status indicator. Recharge the flashlight soon.



Figure 7.1: Battery indicator lights: Green (full), Orange (medium), Red (low).

8. SPECIFICATIONS

Feature	Detail
Model Number	FL1
Light Source Type	LED
White Brightness	250 Lumens (Max)
Product Dimensions	1.9 x 2.4 x 5.2 cm (0.75 x 0.94 x 2.05 inches)
Weight	100 g (0.22 lbs)
Power Source	Battery Powered (Rechargeable)
Battery Type	Lithium Ion (1 x 9V battery equivalent, internal)
Material	Plastic, Zinc Alloy
Waterproof Rating	IPX5
Maximum Range	60 meters
Shock Resistance	1.5 meters
Special Features	Adjustable Light Modes, High Lumens, Magnetic Base, Portable, Rechargeable

9. WARRANTY AND SUPPORT

9.1 Warranty Information

OOWOLF products are manufactured to high quality standards. For specific warranty details regarding your OOWOLF LED Flashlight (Model FL1), please refer to the warranty card included in your product packaging or visit the official OOWOLF website. Typically, OOWOLF offers a limited warranty covering manufacturing defects from the date of purchase.

9.2 Customer Support

If you have any questions, concerns, or require technical assistance with your OOWOLF LED Flashlight, please contact our customer support team. You can find contact information on the OOWOLF official website or through the retailer where you purchased the product.

When contacting support, please have your product model number (FL1) and purchase details ready to facilitate faster service.