

ep360

User Manual: 2000 Lumens Rechargeable LED Worklight & Spotlight

Model: ep360 | Brand: Generic

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before using the product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not look directly into the LED light. The intense light can cause eye damage.
- Keep the worklight away from flammable materials and explosive atmospheres.
- Do not immerse the worklight in water. While it is water-resistant, it is not designed for submersion.
- Do not attempt to disassemble, modify, or repair the worklight. Refer all servicing to qualified personnel.
- Use only the provided charging adapter and USB-C cable. Using unauthorized chargers may damage the battery or cause fire.
- Keep out of reach of children.
- Store the worklight in a cool, dry place when not in use.

2. PRODUCT OVERVIEW

The ep360 2000 Lumens Rechargeable LED Worklight & Spotlight is a versatile lighting solution designed for various applications. It features a multi-beam system with three independent light sources, two of which are detachable and equipped with magnetic bases for hands-free operation. The unit also functions as a power bank for charging other devices.

2.1 Components



Figure 2.1: Front view of the ep360 worklight, showcasing the main spotlight and two side worklights.



Figure 2.2: Detailed front view, emphasizing the individual light sources.

- **Main Spotlight:** Central COB LED light source, providing up to 1000 lumens.
- **Detachable Side Worklights (x2):** Each providing up to 500 lumens, with built-in magnetic bases.
- **Pivoting Heads:** All three light heads can be independently angled (360° for worklights, 70° for spotlight).
- **Integrated Handle:** For easy carrying and positioning.
- **Stable Base:** Provides support for the main unit.
- **USB Output Ports:** Two 5V 2.1A USB ports for charging external devices.
- **Battery Charge Level Indicator:** LEDs to show remaining battery life.
- **Charging Port:** USB-C input for recharging the unit.

2.2 Key Features

- Total 2000 Lumens output (combined).
- High (2000 Lumens) and Low (1000 Lumens) intensity settings.
- Two fully detachable 500 Lumens side lights.
- Built-in magnetic bases on detachable lights for hands-free use.
- Integrated power bank function with two 5V 2.1A USB output ports.
- Durable High Impact Polymer + Rubber Construction (Double Injection Process) for water and impact resistance.

- Long runtime: Up to 8 hours per light on low power, 4 hours per light on high power.
- Powered by 3 x 3.7V - 1800 mAh Rechargeable Lithium-ion Batteries.

2.3 What's in the Box

- ep360 Rechargeable LED Worklight & Spotlight Unit
- 110-Volt Charging Adaptor
- USB-C Charging Cable

3. SETUP

3.1 Initial Charging

Before first use, fully charge the ep360 worklight. This ensures optimal battery performance and longevity.

1. Locate the USB-C charging port on the main unit.
2. Connect the provided USB-C charging cable to the worklight's charging port.
3. Connect the other end of the USB-C cable to the 110-Volt Charging Adaptor.
4. Plug the adaptor into a standard wall outlet.
5. The Battery Charge Level Indicator LEDs will illuminate to show charging progress. All LEDs will be solid when fully charged.
6. A full charge may take several hours.



Figure 3.1: Charging and USB output ports on the ep360 worklight.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Light Modes

The main unit and each detachable side light have their own power buttons and mode controls.

- **Main Unit:** Press the power button once to turn on the main spotlight. Press again to cycle through High (2000 Lumens) and Low (1000 Lumens) settings. Press a third time to turn off.
- **Detachable Side Lights:** Each side light has an independent power button. Press once to turn on. Press again to cycle through modes (if applicable, typically High/Low). Press a third time to turn off.

4.2 Detaching and Reattaching Side Lights

The two side worklights can be easily detached for independent use.

1. To detach, firmly grasp a side light and pull it away from the main unit. It is designed to slide out of its slot.
2. To reattach, align the side light with its slot on the main unit and push it firmly until it clicks into place.



Figure 4.1: Detached side lights for individual use.

4.3 Using Magnetic Bases

Each detachable side light features a built-in magnetic base for hands-free operation. Simply attach the magnetic base to any ferrous metal surface.



Figure 4.2: Detached light used in a confined area.



Figure 4.3: Worklight illuminating an engine bay.

4.4 Adjusting Pivoting Heads

The main spotlight and both side worklights feature pivoting heads, allowing you to direct light precisely where needed.

- Gently rotate or tilt each light head to achieve the desired angle.
- The side worklights offer 360° rotation, while the main spotlight pivots up to 70°.



4.5 Using as a Power Bank

The ep360 worklight can be used to charge other USB-powered devices.

1. Open the dust cover protecting the USB output ports.
2. Connect your device's USB charging cable to one of the two 5V 2.1A USB output ports.
3. The worklight's internal battery will begin charging your device.
4. Close the dust cover when not in use to protect the ports.

5. CHARGING AND BATTERY CARE

5.1 Recharging the Worklight

When the battery charge level indicator shows low power, recharge the unit using the provided 110-Volt Charging Adaptor and USB-C cable. The charging process is the same as initial charging (refer to Section 3.1).

5.2 Battery Charge Level Indicator

The LED indicators on the unit display the current battery charge level. Refer to the markings near the LEDs for specific charge percentages or levels.

5.3 Battery Care Tips

- Avoid completely draining the battery before recharging.
- If storing for extended periods, charge the battery to approximately 50-70% every 3-6 months to maintain battery health.
- Do not expose the battery to extreme temperatures (hot or cold).

6. MAINTENANCE

6.1 Cleaning

To clean the worklight, wipe it with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the plastic and rubber components.

6.2 Storage

When not in use, store the worklight in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the unit is clean and fully charged (or charged to 50-70% for long-term storage) before storing.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Worklight does not turn on.	Battery is depleted.	Charge the worklight fully using the provided charger.
Worklight does not charge.	Charger or cable is faulty; charging port is dirty.	Ensure the charging cable and adapter are properly connected and functional. Try cleaning the charging port gently.
Detachable lights do not work.	Not properly seated; battery depleted.	Ensure the detachable light is firmly reattached to the main unit or charged independently if used detached.
USB output not charging devices.	Worklight battery is low; device cable is faulty.	Ensure the worklight has sufficient charge. Try a different USB cable for your device.

8. SPECIFICATIONS

Feature	Detail
Model Number	ep360
Light Output (Max)	2000 Lumens
Light Source Type	LED (COB LED for spotlight)
Power Source	Battery Powered (Rechargeable Lithium-ion)
Battery Type	3 x 3.7V - 1800 mAh Lithium-ion
Runtime (Low Power)	Up to 8 hours per light
Runtime (High Power)	Up to 4 hours per light
USB Output	2 x 5V 2.1A
Material	High Impact Polymer + Rubber Construction
Color	Black/Orange
Dimensions (L x W x H)	4.95" x 7.5" x 9.5"
Item Weight	4 Pounds
Special Features	Rechargeable, Detachable Lights, Magnetic Bases, Power Bank Function, Water- and Impact-Resistant

9. WARRANTY AND SUPPORT

This product is manufactured by Generic. For any questions regarding product operation, troubleshooting, or warranty claims, please refer to the retailer or contact the manufacturer's customer support channels. Please retain your proof of purchase for warranty purposes.

For the most up-to-date support information, please visit the official website of the brand or retailer where the product was purchased.