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Walfront WALFRONT2369idgef0

LED Work Light User Manual

Brand: Walfront | Model: WALFRONT2369idgef0

1. INTRODUCTION

This user manual provides detailed instructions for the operation, maintenance, and safety of your Walfront LED Work Light. This versatile and portable work light is designed for various applications, offering bright illumination and convenient features such as USB charging capabilities and adjustable light modes. Please read this manual thoroughly before using the product to ensure proper and safe operation.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, please observe the following safety precautions:

- **Battery Separation:** It is recommended to separate the battery from the LED light when not in use to extend battery life and prevent accidental activation.
- **Handle with Care:** The LED light is a delicate electronic device. Handle it with care to avoid dropping or impacting it, which may cause damage.
- **Water Resistance:** The light features an IP67 rating, indicating resistance to water splashes and rain. However, avoid submerging the device in water.
- **Overload Protection:** The device is equipped with overload, overcurrent, overheating, and low voltage protection. Do not attempt to bypass these safety features.
- **Battery Compatibility:** Only use compatible PARKSIDE X20V TEAM 20V PAP20A1, PAP20A3, PAP20B1, PAP20B3 batteries. Using incompatible batteries may cause damage or safety hazards.
- **Charging Safety:** When using the USB charging ports, ensure that the connected devices are compatible and do not exceed the specified output (5V 2A).
- **Storage:** Store the work light in a cool, dry place away from direct sunlight and extreme temperatures.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and features of your LED Work Light.

3.1 Components



Figure 3.1: Front view of the Walfront LED Work Light, highlighting the bright LED array and the sturdy base.



Figure 3.2: Close-up views of the work light's features, including the power switch, USB-A and USB-C charging ports, and the integrated carrying handle.

- **LED Array:** High-lumen LED panel for bright illumination.
- **Rotatable Head:** Allows 90° vertical and 330° horizontal rotation for precise light positioning.
- **Power Switch:** On/Off button and mode selector.
- **USB-A Output Port:** For charging external devices.
- **USB Type-C Output Port:** For charging external devices.
- **Battery Compartment:** Located at the base, compatible with PARKSIDE X20V TEAM 20V batteries.
- **Carrying Handle:** Integrated at the top for easy portability and hanging.

3.2 Key Features

- **Flexible and Rotatable:** The light head can rotate 90° up and down, and 330° horizontally, providing versatile lighting angles.
- **Cordless Design:** Compatible with PARKSIDE X20V TEAM 20V batteries (not included), offering portability without power cord restrictions.

- **IP67 Water Resistance:** Designed to withstand rain and splashes, suitable for various environments.
- **Multi-Functional Charging:** Equipped with USB-A and Type-C charging interfaces to power mobile devices.
- **Portable and Versatile:** Features a handle for easy carrying and hanging, ideal for construction sites, outdoor activities, camping, hiking, and vehicle maintenance.
- **Adjustable Light Modes:** Three distinct lighting gears: Dim Light, Bright Light, and Flashing Light.

4. SPECIFICATIONS

Attribute	Detail
Item Type	LED Work Light
Brand	Walfront
Model Number	WALFRONT2369idgef0
Material	Acrylonitrile Butadiene Styrene (ABS)
Power	11-15W
Luminous Flux	1200-1500LM
Output (USB)	USB Type-C 5V 2A, USB-A 5V 2A
Adjustable Gears	1st Gear (Dim Light), 2nd Gear (Bright Light), 3rd Gear (Flashing Light)
Applicable Battery	For PARKSIDE X20V TEAM 20V (PAP20A1, PAP20A3, PAP20B1, PAP20B3) - Battery Not Included
Item Weight	14.5 ounces (approx. 411g)
Package Dimensions	7.09 x 4.33 x 3.54 inches (approx. 18 x 11 x 9 cm)
Color	#311 (Black)
Water Resistance Rating	IP67



Figure 4.1: Product dimensions for reference.

5. SETUP

This section guides you through the initial setup of your LED Work Light.

5.1 Battery Installation

1. Ensure the work light is turned off before installing or removing the battery.
2. Locate the battery compartment at the base of the work light.
3. Align your compatible PARKSIDE X20V TEAM 20V battery (PAP20A1, PAP20A3, PAP20B1, or PAP20B3) with the battery slot.
4. Slide the battery into the compartment until it clicks securely into place.
5. To remove the battery, press the release button (if present on your battery) and slide the battery out.

Note: The battery is not included with the LED Work Light and must be purchased separately.

6. OPERATING INSTRUCTIONS

Learn how to operate your LED Work Light and utilize its various functions.

6.1 Powering On/Off and Adjusting Light Modes

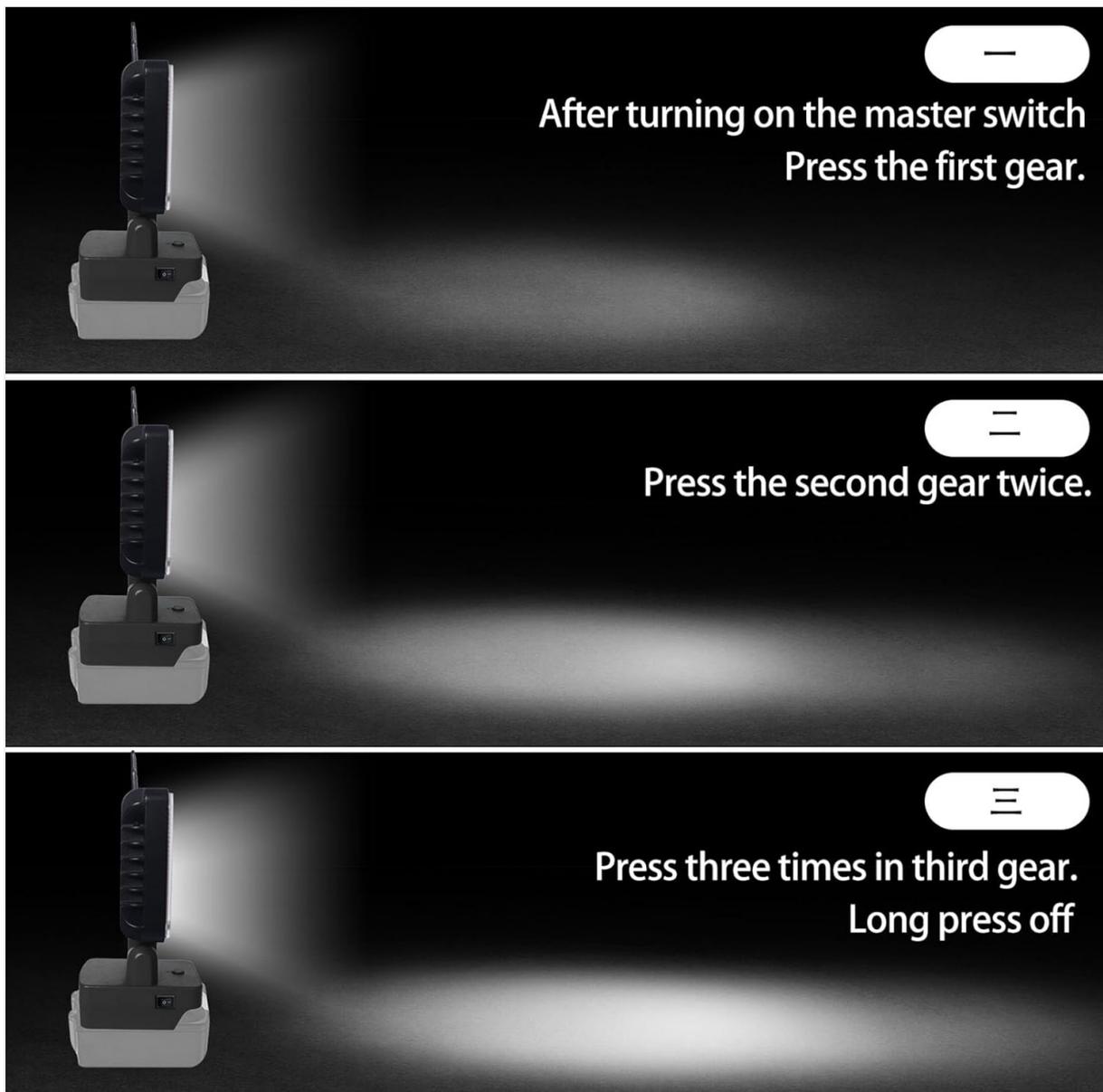


Figure 6.1: Illustration of the three adjustable light modes.

1. **Power On:** Locate the master switch on the base of the light. Flip the switch to the "On" position.

2. **1st Gear (Dim Light):** After turning on the master switch, press the mode button once to activate the dim light setting.
3. **2nd Gear (Bright Light):** Press the mode button a second time to switch to the bright light setting.
4. **3rd Gear (Flashing Light):** Press the mode button a third time to activate the flashing light setting.
5. **Power Off:** To turn off the light from any mode, long press the mode button. Alternatively, flip the master switch to the "Off" position.

6.2 Adjusting Light Angle

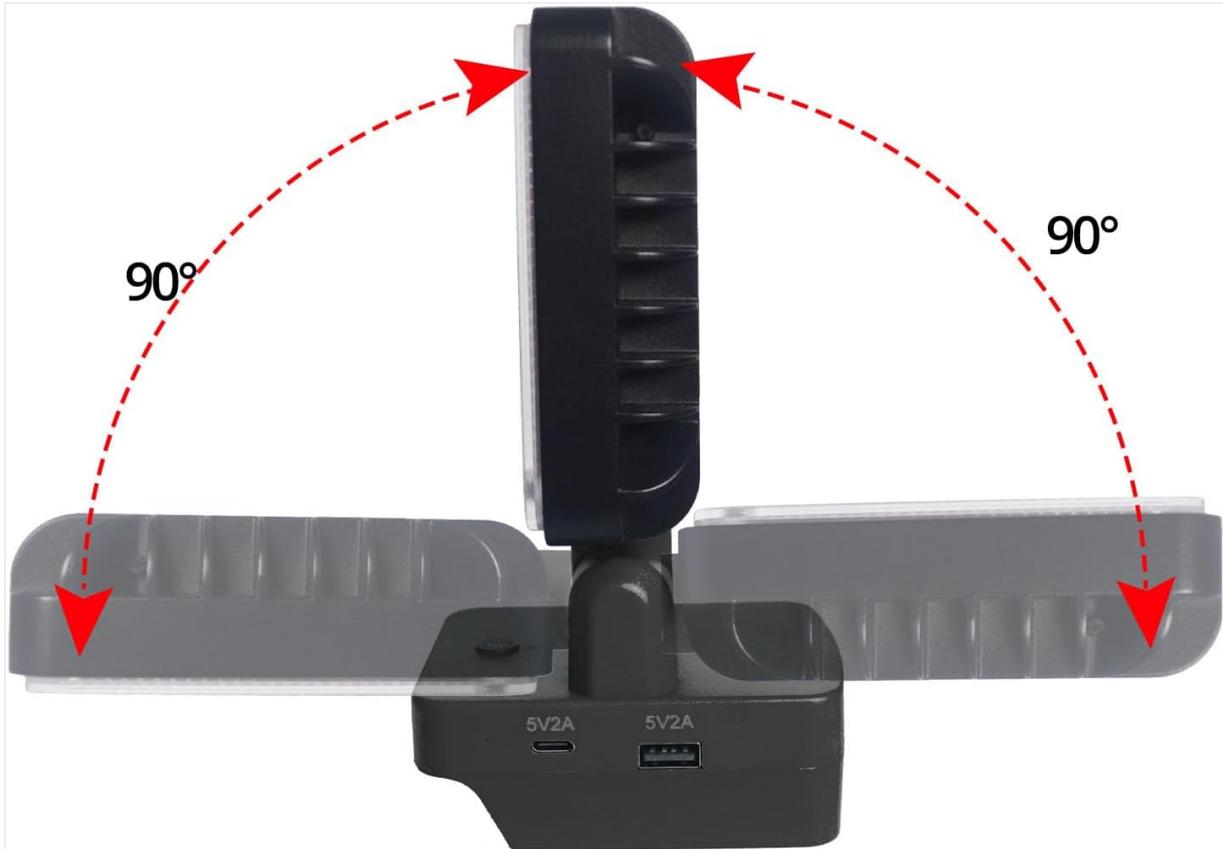


Figure 6.2: The light head can be rotated for optimal illumination.

- The light head can be manually rotated 90° vertically (up and down) and 330° horizontally (side to side) on its base.
- Gently adjust the light head to direct the beam precisely where needed. Avoid forcing the rotation beyond its designed limits.

6.3 Using USB Charging Ports

USB and C charging port

When turned on, you can charge both devices at the same time.



Figure 6.3: The work light can charge two devices simultaneously via its USB-A and USB-C ports.

- The LED Work Light can function as a power bank to charge your mobile devices.
- Locate the USB-A and USB Type-C output ports on the side of the light's base.
- Connect your device's charging cable to the appropriate USB port on the work light.
- Ensure the work light is powered on for the charging function to be active.
- The output for both ports is 5V 2A. Do not connect devices that require higher power input.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your LED Work Light.

- **Cleaning:** Wipe the surface of the light with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the ABS material.
- **Storage:** When not in use for extended periods, remove the battery and store the work light in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Follow the battery manufacturer's instructions for charging and storage to maximize battery life.
- **Inspection:** Periodically inspect the light for any signs of damage, such as cracks in the housing or frayed wires. Do not use the light if it appears damaged.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	Battery not installed correctly. Battery is depleted. Master switch is off.	Ensure battery is securely clicked into place. Charge or replace the battery. Flip the master switch to the "On" position.
Light is dim or flickers.	Low battery charge. Incorrect mode selected.	Charge the battery. Cycle through the light modes to select the desired brightness.
USB charging not working.	Work light is off. Device cable is faulty. Device requires more than 5V 2A.	Ensure the work light is powered on. Try a different USB cable. Confirm your device's charging requirements.
Light head does not rotate smoothly.	Obstruction or damage.	Check for any debris or obstructions. Do not force rotation. If damaged, discontinue use.

9. PACKAGE CONTENTS

The following items are included in your package:

- 1 x Walfront LED Work Light

Note: Compatible PARKSIDE X20V TEAM 20V batteries (PAP20A1, PAP20A3, PAP20B1, PAP20B3) are sold separately and are not included in this package.

10. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your product or contact Walfront customer service through the retailer where the product was purchased. Please have your model number (WALFRONT2369idgef0) and purchase date ready when contacting support.

For additional resources and product information, you may visit the official Walfront store page on Amazon: [Walfront Store](#)