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HOTLIGH ZF7899

HOTLIGH ZF7899 Magnetic LED Work Light User Manual

Model: ZF7899 | Brand: HOTLIGH

Introduction

Thank you for choosing the HOTLIGH ZF7899 Magnetic LED Work Light. This versatile and durable light is designed to provide reliable illumination for various tasks, including car repair, camping, and emergency situations. Featuring multiple lighting modes, a powerful rechargeable battery, and a robust, waterproof design, this manual will guide you through its proper use, maintenance, and safety precautions to ensure optimal performance and longevity.

Product Overview

Key Features

- **Multiple Lighting Modes:** Offers stepless brightness adjustment for both spotlight and floodlight functions. The floodlight includes warm light (2700-3500K) and white light (5500-8000K) color temperatures.
- **Rechargeable 4000mAh Battery:** Built-in battery provides 3 to 15 hours of continuous use, depending on brightness. Functions as a portable power bank for charging other devices.
- **Super Bright Spotlight:** Delivers up to 1200 lumens with an illumination path of up to 161 meters, ideal for dark environments.
- **Multi-angle Lighting:** Equipped with a strong magnet and a retractable hook for secure attachment to metal surfaces or hanging. Features a 360° rotating lamp head for flexible illumination.
- **Sturdy and Waterproof:** Constructed from high-strength ABS and TPR non-slip hard rubber material with an IPX4 protection level, designed to withstand drops and water splashes.

Components

The HOTLIGH ZF7899 work light includes a main light unit with a spotlight lens, floodlight panel, power button, battery indicator lights, USB-A output port, Type-C input port, magnetic base, and a retractable hook.



Image: The HOTLIGH ZF7899 Magnetic LED Work Light, highlighting its compact form factor and integrated features like the magnetic base and hook.

Setup

1. **Initial Charge:** Before first use, fully charge the work light using the provided 5V2A fast charging cable. Connect the Type-C cable to the light's input port and a suitable power adapter. The battery indicators will show charging progress.
2. **Positioning:** Utilize the strong magnetic base to attach the light securely to any metal surface. Alternatively, extend the retractable hook to hang the light in desired locations.

3. **Adjusting Angle:** The lamp head rotates 360°, allowing you to direct light precisely where needed.

Operating Instructions

Power On/Off and Mode Selection

1. **Power On:** Press the power button once to turn on the light.
2. **Cycle Modes:** Subsequent short presses of the power button will cycle through the available lighting modes: Spotlight → Floodlight (Warm White) → Floodlight (Cool White) → Off.
3. **Power Off:** Continue cycling through modes until the light turns off, or long-press the power button for approximately 2 seconds to turn off directly from any mode.

Brightness Adjustment (Stepless Dimming)

While the light is on in any mode, long-press the power button (after the initial short press to turn on/select mode) to activate stepless brightness adjustment. The brightness will gradually increase or decrease. Release the button at your desired brightness level.



Image: The work light illuminating an engine bay, showcasing its 1200 lumens output and the stepless dimming feature controlled by a long press.

Using as a Power Bank

To use the work light as a portable power bank, connect your mobile phone or other electronic device to the USB-A output port on the light using a compatible charging cable. The light will begin charging your device.



Image: The work light connected to a smartphone, demonstrating its function as a 4000mAh power bank with USB-A output and Type-C input.

Charging and Battery

- **Battery Capacity:** The light is equipped with a 4000mAh built-in rechargeable battery.
- **Charging Time:** A full charge takes approximately 2 hours when using a 5V2A fast charging cable.
- **Battery Indicators:** Four-grid battery indicators provide a clear visual of the current power level and remaining usage time.
- **Run Time:** Depending on the selected brightness level, the light can operate continuously for about 3 to 15 hours on a single charge.

Maintenance

- **Cleaning:** Wipe the light with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- **Water Resistance:** The IPX4 rating means the light is resistant to water splashes from any direction. Do not submerge the light in water. Ensure the charging port cover is securely closed to maintain water resistance.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the light regularly, even if not in constant use.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light fully.
Light is dim or flickers.	Low battery level.	Recharge the light.
Light does not charge.	Charging cable or adapter is faulty.	Try a different 5V2A charging cable and adapter. Ensure the cable is properly connected.
Cannot charge external devices.	Light's battery is too low or device cable is incompatible.	Ensure the work light is sufficiently charged. Use a compatible USB-A cable for your device.

Specifications

Feature	Detail
Model Number	ZF7899
Brand	HOTLIGH
Light Source Type	Light Emitting Diode (LED)
Brightness	Up to 1200 Lumens
Illumination Path	Up to 161 meters (Spotlight)
Color Temperature (Floodlight)	Warm Light: 2700-3500K, White Light: 5500-8000K

Feature	Detail
Battery Capacity	4000mAh
Charging Time	Approx. 2 hours (with 5V2A charger)
Run Time	3 to 15 hours (depending on brightness)
Power Source	Battery Powered
Input/Output	Type-C Input, USB-A Output
Material	High-strength ABS, TPR non-slip hard rubber
Waterproof Rating	IPX4
Mounting Type	Magnet Mount, Hook Mount
Product Dimensions	3.35"L x 1.77"W x 3.94"H
Item Weight	10.4 ounces (0.65 Pounds)

Safety Information

- Do not look directly into the light beam to avoid eye injury.
- Keep out of reach of children.
- Do not disassemble or modify the light. This may cause damage, void the warranty, and pose a safety risk.
- Use only the specified charging voltage (5V) and current (2A) to prevent damage to the battery and light.
- Avoid exposing the light to extreme temperatures, open flames, or corrosive liquids.
- Dispose of the product and its battery responsibly according to local regulations.

Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact HOTLIGH customer service directly. Keep your purchase receipt as proof of purchase.

Your browser does not support the video tag.

Video: An official product video demonstrating the features and usage of the HOTLIGH Magnetic LED Work Light.

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