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> unibrite 2Pack Magnetic Work Light (Model ZD-0106-2-US) Instruction Manual

unibrite ZD-0106-2-US

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1. PRODUCT OVERVIEW

The unibrite Magnetic Work Light is a versatile and portable lighting solution designed for various tasks. It features a COB LED panel with multiple lighting modes, a powerful LED spotlight, and special colored light options. Equipped with a rechargeable battery, it also functions as a power bank. Its magnetic base, rotatable design, and hook provide flexible placement options, making it suitable for job sites, car repairs, camping, and emergency situations.



Image: The unibrite Magnetic Work Light, highlighting its compact design and key features.

Your browser does not support the video tag.

Video: An overview of the unibrite 2Pack Magnetic Work Light, demonstrating its features and uses.

2. PACKAGE CONTENTS

- unibrite Magnetic Work Light (2 units)
- USB-C Charging Cable (2 units)

3. SETUP

3.1 Charging the Device

Before first use, fully charge the work light. Connect the provided USB-C cable to the Type-C charging port on the device and plug the other end into a compatible USB power adapter (not included). The battery level indicators will illuminate to show charging progress. A full charge typically takes 3.5 to 4 hours.



Image: The work light connected to a Type-C charging cable, indicating the charging process.

3.2 Mounting Options

The work light offers multiple ways for hands-free operation:

- **Magnetic Attachment:** Utilize the built-in dual strong magnets to securely attach the light to any iron surface. The 360-degree rotatable base allows for precise light direction. *Note: Magnets will not stick to aluminum surfaces.*
- **Hook Design:** Extend the foldable hook to hang the light on shelves, beams, tents, or other objects.
- **Tripod Mount:** A universal 1/4" thread is integrated for mounting the light onto standard tripods (tripod not included).



Image: The work light demonstrating its strong magnetic attachment to a metal surface.



Image: The work light hanging from a backpack via its foldable hook, illustrating its portability.



Image: The work light's 360-degree rotatable head, allowing for flexible light positioning.

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Video: Demonstration of the magnetic feature and various mounting options of the work light.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Mode Selection

The work light features two control buttons: one for the COB floodlight and one for the LED spotlight/special modes. Press the respective button to turn on the light and cycle through its modes. A built-in memory function will recall the last used mode when the light is turned back on.

- **COB Floodlight Modes:** Press the COB button to cycle through three color temperatures (2700K warm, 4500K neutral, 6500K cool white), each with high, medium, and low brightness levels.
- **LED Spotlight & Special Modes:** Press the LED button to cycle through three brightness settings for the LED spotlight. Continue pressing for additional modes: red light, red strobe, and purple light.



Image: A diagram illustrating the 15 available lighting modes, including floodlight, spotlight, and special colors.



Image: The work light showcasing its three distinct color temperature options: warm, neutral, and cool white.



Image: The work light activated in emergency red light mode, useful for signaling.



Image: The work light utilizing its UV black light feature, useful for detecting certain substances.

4.2 Using as a Portable Charger

The work light includes a built-in USB-A output port, allowing it to function as a power bank. Connect your smartphone or other small USB-powered devices to this port to charge them, especially useful during power outages or when outdoor.



Image: The work light acting as a portable charger, providing power to a smartphone.

5. MAINTENANCE

5.1 Cleaning

Wipe the light with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents, as these may damage the surface or internal components. Ensure the charging port cover is securely closed to prevent water ingress.

5.2 Storage

Store the work light in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, ensure the battery is charged to approximately 50% to prolong its lifespan.

5.3 Battery Care

To maintain optimal battery performance, avoid fully discharging the battery frequently. Recharge the light regularly, even if not in use, to prevent deep discharge. The light is designed with a rugged housing made from premium PC + nylon, providing impact resistance for durability.



Image: The work light enduring water splashes, highlighting its IPX4 water-resistant and impact-resistant design.

6. TROUBLESHOOTING

6.1 Light Not Turning On

- **Check Battery Level:** Ensure the battery is sufficiently charged. Refer to the battery level indicators.
- **Recharge:** If the battery is low, connect the light to a power source using the USB-C cable and allow it to charge.
- **Button Function:** Ensure you are pressing the correct button for the desired light mode (COB or LED).

6.2 Light Not Charging

- **Cable Connection:** Verify that the USB-C cable is securely connected to both the light and the power adapter.
- **Power Source:** Ensure the USB power adapter is functioning correctly and providing power. Try a different adapter or USB port.
- **Cable Integrity:** Inspect the USB-C cable for any signs of damage. Use a different cable if necessary.

6.3 Light Output is Dim or Inconsistent

- **Battery Level:** A dim light output often indicates a low battery. Recharge the device.
- **Mode Selection:** Ensure the light is set to a high brightness mode. Cycle through the modes to confirm.
- **Operating Temperature:** Extreme cold can temporarily affect battery performance and light output. Allow the device to warm up to room temperature.

7. SPECIFICATIONS

Feature	Detail
Model Number	ZD-0106-2-US
Light Output Maximum	1200 Lumens (COB)
Light Source Type	COB LED, LED Spotlight
Number of Light Sources	68 (COB)
Color Temperatures	2700K (Warm), 4500K (Neutral), 6500K (Cool White)
Special Features	Red Light, Red Strobe, Purple Light, Memory Function
Power Source	Battery Powered
Battery Type	1 Lithium Polymer (included)
Battery Capacity	4000mAh
Charging Time	3.5-4 hours (Type-C)
Runtime	Up to 12 hours (low mode), 4 hours (high mode)
Output Port	USB-A (for charging external devices)
Mounting Type	Magnetic, Hook, Tripod Mount (1/4" thread)
Material	PC + Nylon

Impact Resistance	Up to 23 feet
Dimensions (L x W x H)	3.38" x 1.37" x 3.93"
Item Weight	7.41 ounces

8. WARRANTY INFORMATION

The unbrite Magnetic Work Light (Model ZD-0106-2-US) comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims regarding your unbrite Magnetic Work Light, please contact the manufacturer, ZDliteUSA, through their official channels or the retailer where the product was purchased. Please have your model number (ZD-0106-2-US) and proof of purchase available when contacting support.