ropelux JF728AU

ropelux 2500LM Rechargeable Magnetic LED Work Light (Model JF728AU) User Manual

Introduction

This manual provides comprehensive instructions for the safe and efficient operation of your ropelux 2500LM Rechargeable Magnetic LED Work Light, Model JF728AU. Please read this manual thoroughly before using the product and retain it for future reference.

Safety Information

- Do not look directly into the LED light when it is on, as this may cause eye damage.
- Keep the device away from water and extreme temperatures.
- Do not attempt to disassemble or modify the work light. This will void the warranty and may cause damage or injury.
- Use only the provided Type-C cable or a compatible 5V2A adapter for charging.
- Ensure the work light is securely mounted when using magnets or hooks to prevent it from falling.
- Magnets are strong; keep away from sensitive electronic devices, credit cards, and pacemakers.

Package Contents

Verify that all items are present in the package:

- 1 x ropelux LED Work Light
- 1 x Type-C Charging Cable
- 1 x User Manual (this document)

Product Overview

The ropelux LED Work Light is designed for versatile illumination in various work environments. It features high brightness, a long-lasting rechargeable battery, and multiple mounting options.



Image 1: The ropelux 2500LM Rechargeable Magnetic LED Work Light, showing its bar-shaped design and included Type-C charging cable.

Key Features:

- **High Brightness:** Emits up to 2500 lumens (7500K color temperature) with a 9.6-inch COB LED panel for wide area illumination. Two brightness levels are available.
- **Rechargeable Battery:** Equipped with a 5200mAh Lithium-Ion battery, rechargeable via a Type-C port. Provides 4-5 hours of continuous light on high brightness and 9-10 hours on low brightness after a 3.5-4 hour charge. Includes a 3-level power indicator.
- **Versatile Mounting:** Features two powerful magnetic bases at each end for attachment to ferrous metal surfaces. The bases swivel 180 degrees, and the central light bar swivels 360 degrees for precise light positioning. Integrated swivel hooks offer additional hanging options.
- **Durable Construction:** Designed with hard rubber protection on each end and an over-molded lens cover for increased durability. Withstands a 5-foot drop test.

- **Compact and Portable:** Measures 18.11 inches in length and weighs 1.09 lbs, making it easy to handle and transport.



Image 2: A detailed view highlighting the COB LED, rubber material for protection, 360-degree swivel hooks, and strong magnetic bases.

Setup

Initial Charging:

1. Before first use, fully charge the work light.
2. Connect the provided Type-C charging cable to the charging port on the work light.
3. Connect the other end of the cable to a 5V2A (or higher) USB power adapter (not included).
4. The 3-level power indicator lights will blink during charging and become solid when fully charged. Full charging typically takes 3.5-4 hours.



Image 3: Close-up of the work light showing the Type-C charging port and the 3-level battery indicator lights.

Mounting Options:

- **Magnetic Attachment:** Use the strong magnetic bases at each end to attach the light to any ferrous metal surface. The bases can swivel 180 degrees to adjust the angle.
- **Hook Hanging:** Extend the integrated swivel hooks from the ends of the light to hang it from non-magnetic surfaces or structures. The hooks can rotate 360 degrees.
- **Freestanding:** The light can be placed on a flat surface, using its swiveling bases to direct the light.

Important Note on Magnets:
The magnets will **NOT** stick to aluminum alloy, carbon fiber, or surfaces with extremely low iron content. Always ensure the surface is ferrous metal for secure magnetic attachment.



Image 4: The work light demonstrating its strong magnetic bases and double swivel hooks for versatile placement.

Operating Instructions

1. **Power On/Off:** Press the power button located on the body of the light to turn it on. Press again to cycle through brightness modes or turn off.
2. **Brightness Adjustment:** The light has two brightness levels. Press the power button once for high brightness (2500LM), and press again for low brightness (approximately 1200LM). A third press will turn the light off.
3. **Battery Level Check:** Observe the 3-level power indicator lights. These lights provide an approximate indication of the remaining battery charge.
4. **Adjusting Light Direction:** The magnetic bases can swivel 180 degrees, and the central light bar can rotate 360 degrees. Adjust these components to direct the light precisely where needed.



Image 5: Illustration of the work light's 360-degree central swivel and 180-degree end base swivel for directional lighting.

Maintenance

- **Cleaning:** Wipe the light with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the work light in a cool, dry place when not in use. For prolonged storage, charge the battery to approximately 50% every 3-6 months to maintain battery health.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge promptly when the battery indicator shows low charge.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the work light fully.
Light dims or turns off unexpectedly.	Low battery charge.	Recharge the work light.
Magnets do not hold securely.	Surface is not ferrous metal (e.g., aluminum, carbon fiber).	Attach to a suitable ferrous metal surface or use the integrated hooks.
Charging indicator lights do not illuminate.	Charging cable or adapter issue; port not connected properly.	Ensure the Type-C cable is fully inserted and the adapter is functional. Try a different cable or adapter.

Specifications

Feature	Detail
Model Number	JF728AU
Brand	ropelux
Light Source Type	COB LED
Brightness	2500 Lumens (High), approx. 1200 Lumens (Low)
Color Temperature	7500 Kelvin
Wattage	10 Watts
Voltage	5 Volts
Battery Capacity	5200mAh Lithium Ion
Charging Port	Type-C
Charging Time	3.5-4 hours (with 5V2A adapter)
Runtime (High)	4-5 hours
Runtime (Low)	9-10 hours
Material	Acrylonitrile Butadiene Styrene (ABS), Rubber
Product Dimensions	18.11"L x 1.85"W x 1.65"H

Feature	Detail
Item Weight	1.09 pounds
Mounting Type	Cordless, Handheld, Hang (hooks), Magnetic Attraction, Stand
Special Features	Adjustable, Rechargeable, Magnetic, Portable, Cordless, Handheld, Hanging, Bright, Battery Powered, 2 Brightness Levels Choice

Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact ropelux customer service.
Keep your purchase receipt for warranty claims.
You can often find support contact details on the official ropelux website or through your point of purchase.

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