

TROTEC PWLS 06-10

TROTEC PWLS 06-10 Cordless LED Work Light User Manual

Model: PWLS 06-10

1. INTRODUCTION AND OVERVIEW

The TROTEC PWLS 06-10 Cordless LED Work Light is designed to provide bright, portable illumination for various indoor and outdoor applications. It features a powerful LED light source and an integrated USB power bank function, allowing you to charge compatible devices.

Key features include:

- Powerful 3.7 V lithium-ion battery (4.4 Ah) for extended operation.
- Bright LED work light with shock-resistant edges for durability.
- High-power COB-LEDs delivering uniform, extra-bright light (800 lumens).
- Flexible handle and stand, adjustable up to 180 degrees in 6 positions.
- Three lighting modes: bright, reduced, and strobe.
- Strong magnetic holder for secure attachment to metal surfaces.
- Integrated USB power bank function (5 V / 1 A) for charging external devices.
- IP44 protection rating, safeguarding against splashing water from all directions.
- 4-stage battery capacity indicator.
- Up to 8 hours of constant illumination.
- Daylight white color temperature (6,000 K).
- Compact and foldable design for easy storage.



Image 1.1: The TROTEC PWLS 06-10 Cordless LED Work Light, showcasing its compact design and key features like USB charging and battery power.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before using the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **General Safety:** Keep the device away from children. Do not disassemble, modify, or attempt to repair the device yourself. Refer all servicing to qualified personnel.
- **Battery Safety:** The device contains a lithium-ion battery. Do not expose the battery to extreme temperatures, direct sunlight, or fire. Do not short-circuit the battery. Dispose of batteries according to local regulations.
- **Usage Environment:** The device has an IP44 protection rating, making it resistant to splashing water. However, do not immerse it in water. Avoid using the device in highly flammable or explosive environments.
- **Eye Safety:** Do not look directly into the LED light when it is on, as it can cause eye strain or temporary vision impairment.
- **Charging:** Use only the provided USB cable or a certified equivalent for charging. Ensure the charging port is dry before connecting the cable.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking:

- 1 x TROTEC PWLS 06-10 Cordless LED Work Light
- 1 x USB Charging Cable (USB-A to Micro-USB, 80 cm)
- 1 x User Manual

4. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the different parts of your TROTEC PWLS 06-10 work light:

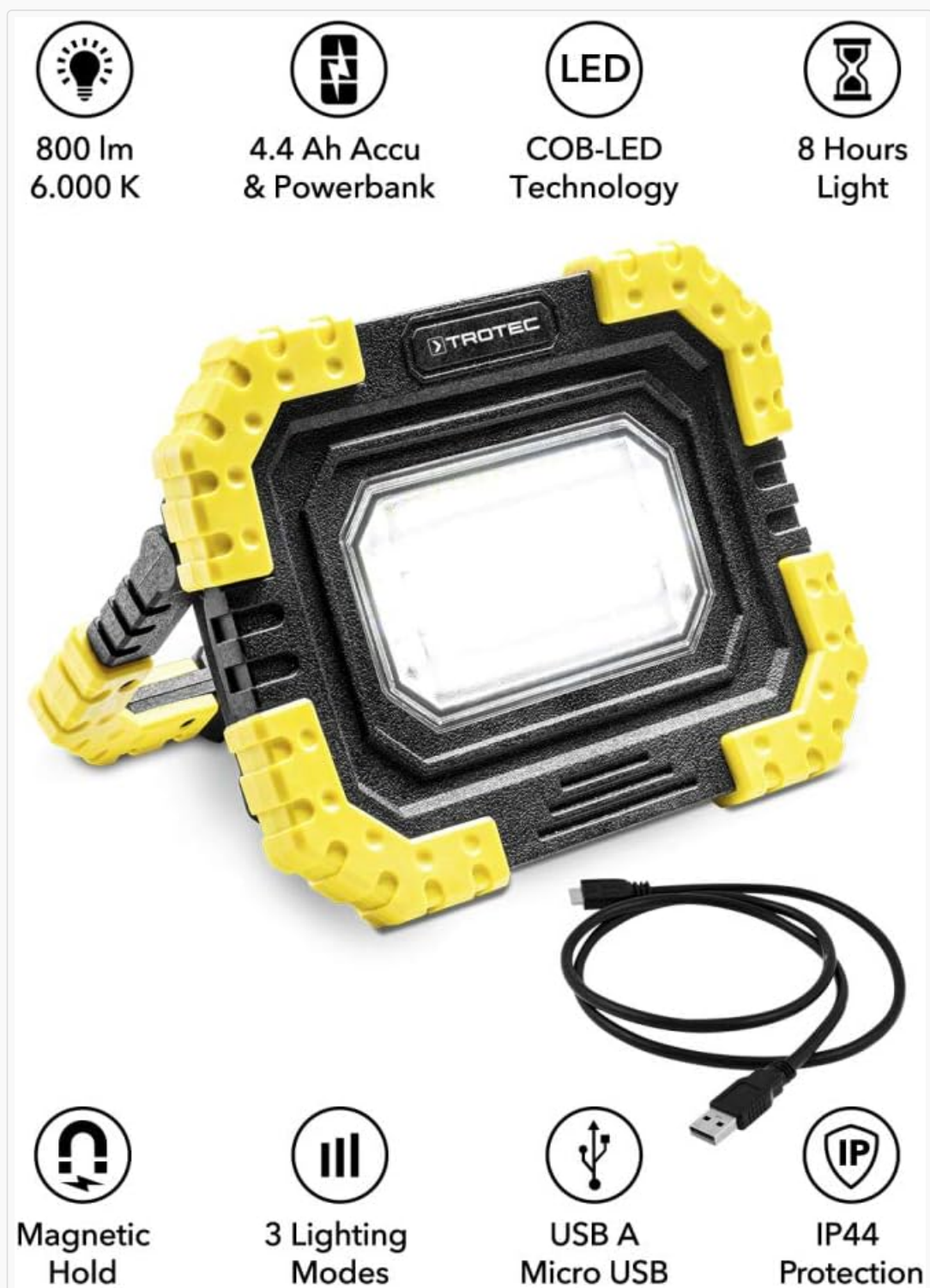


Image 4.1: Overview of the TROTEC PWLS 06-10 highlighting its key features and specifications.

1. **LED Light Panel:** The main light source, featuring COB-LED technology.
2. **Adjustable Handle/Stand:** Allows for flexible positioning and serves as a carrying handle.
3. **Power Button:** Used to turn the device on/off and cycle through lighting modes.
4. **USB Output Port (Type A):** For charging external devices (power bank function).
5. **Micro-USB Input Port (Type B):** For charging the work light's internal battery.
6. **Battery Indicator:** Displays the current charge level of the internal battery.
7. **Magnetic Base:** Integrated magnets in the stand for attaching to metal surfaces.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the work light's internal battery.

1. Connect the small end of the provided USB charging cable to the Micro-USB input port on the work light.
2. Connect the larger end of the USB cable to a suitable USB power adapter (not included) or a computer's USB port.
3. The battery indicator lights will illuminate, showing the charging progress. All four lights will be solid when fully charged.

5.2 Adjusting the Stand

The flexible handle/stand can be adjusted up to 180 degrees to direct the light as needed.

180°



Image 5.1: The adjustable stand allows for 180-degree rotation to position the light.

Gently pivot the stand to one of the six available positions until it clicks into place.

5.3 Using the Magnetic Holder

The integrated magnetic base allows for hands-free operation by attaching the work light to metal surfaces.

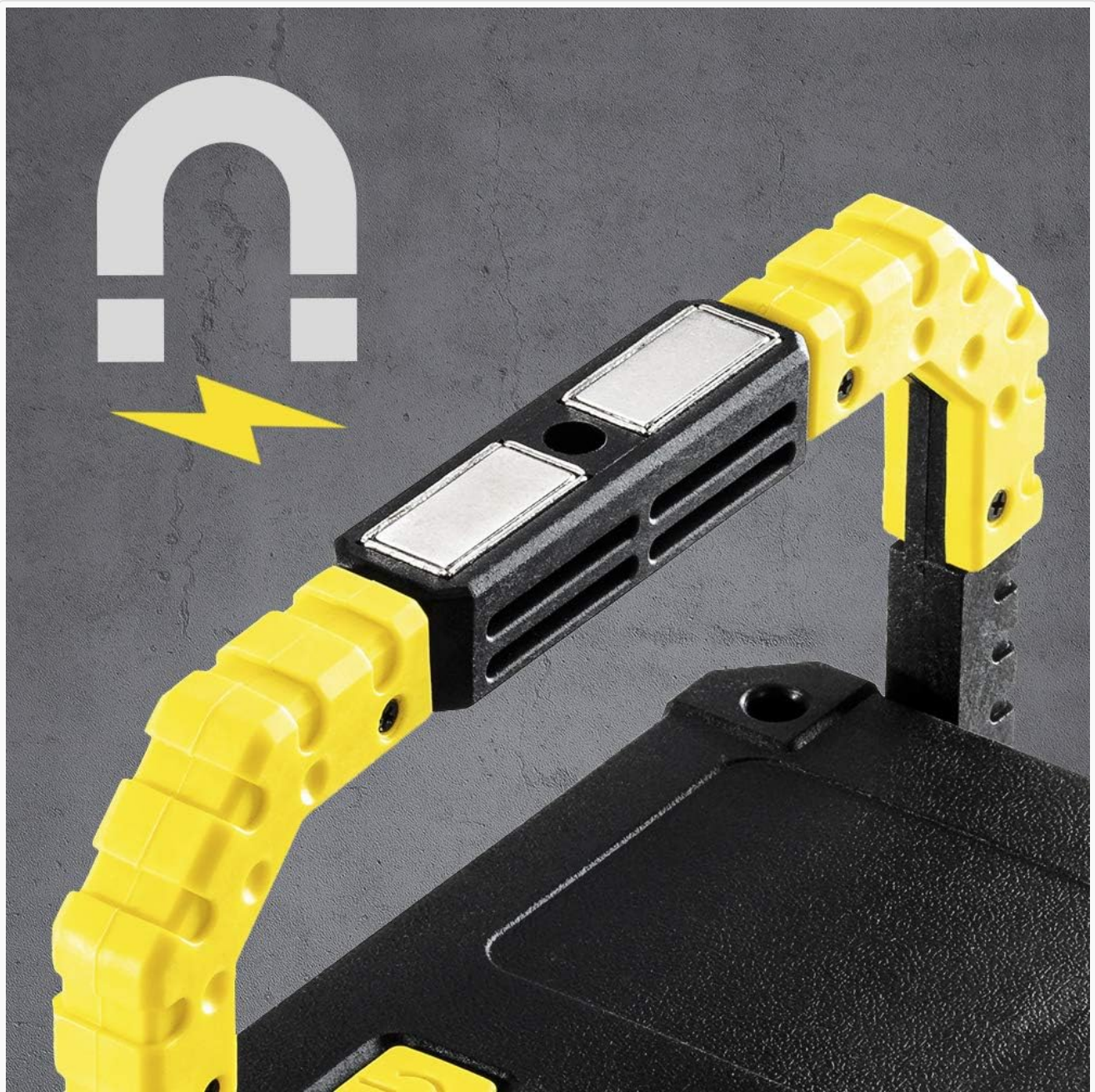


Image 5.2: The powerful magnetic base provides secure attachment to metallic objects. Ensure the metal surface is clean and strong enough to support the weight of the work light.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off and Changing Lighting Modes

The power button controls the light's functions:

1. **To Turn On:** Press the power button once. The light will turn on in bright mode.
2. **To Change Modes:** Press the power button repeatedly to cycle through the modes: Bright → Reduced → Strobe → Off.
3. **To Turn Off:** Continue pressing the power button until the light turns off, or press and hold the button for 2 seconds in any mode.

6.2 Using the Power Bank Function

The work light can charge other USB-powered devices:

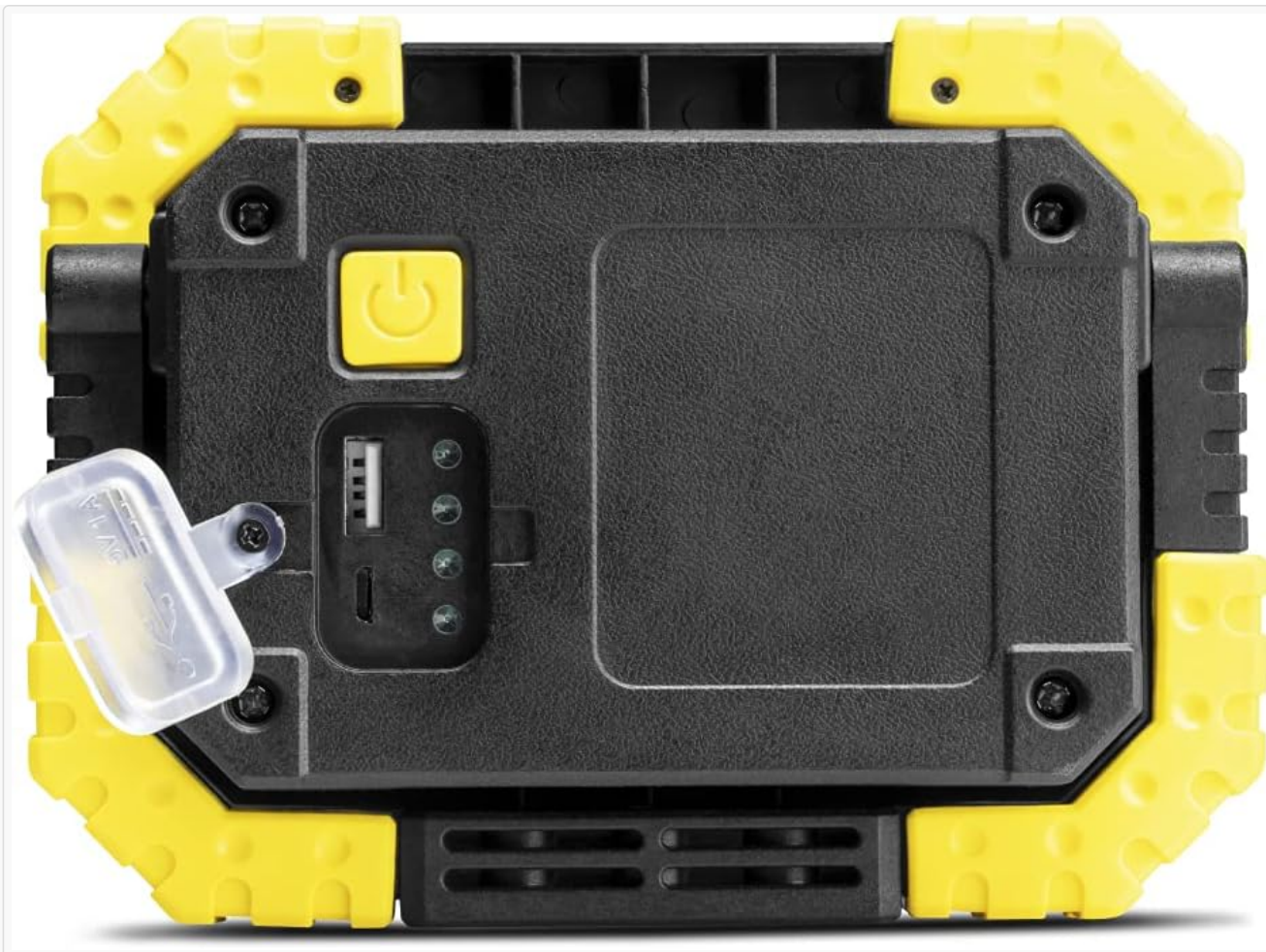


Image 6.1: The back panel features the USB output port (covered by a flap), Micro-USB input, power button, and battery indicator.

1. Open the protective flap covering the USB output port.
2. Connect your device's charging cable to the USB Type-A output port (5 V / 1 A) on the work light.
3. The work light will begin charging your device. The battery indicator will show the remaining power.
4. Disconnect your device once charged and close the protective flap to maintain IP44 rating.

6.3 Battery Level Indicator

The 4-stage LED indicator shows the approximate battery charge level:

- 4 LEDs: 75-100% charge
- 3 LEDs: 50-75% charge
- 2 LEDs: 25-50% charge
- 1 LED: Below 25% charge (recharge soon)

7. MAINTENANCE

7.1 Cleaning

To clean the work light, wipe it with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface or internal components. Ensure the charging ports are dry before cleaning.

7.2 Storage

When not in use for extended periods, store the work light in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to charge the battery at least once every three months to maintain its lifespan.

8. TROUBLESHOOTING

If you encounter issues with your TROTEC PWLS 06-10, refer to the following table:

| Problem | Possible Cause | Solution |
|----------------------------------|---|--|
| Work light does not turn on. | Battery is depleted. | Charge the work light fully. |
| Light is dim or flickers. | Low battery charge. | Recharge the battery. |
| Power bank function not working. | Device not compatible or cable faulty. Battery too low. | Ensure your device is compatible (5V/1A). Try a different USB cable. Check work light battery level. |
| Work light not charging. | Charging cable or adapter faulty. Port is dirty. | Try a different USB cable and power adapter. Ensure Micro-USB port is clean and dry. |

If the problem persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

| Feature | Specification |
|--------------------|-----------------------------------|
| Model | PWLS 06-10 |
| Manufacturer | TROTEC |
| Product Dimensions | 4 x 16 x 12.5 cm |
| Weight | 500 g |
| Light Source | COB-LED |
| Luminous Flux | 800 lumens |
| Power Consumption | 10 Watt |
| Color Temperature | 6,000 K (Daylight White) |
| Battery Type | 3.7 V Lithium-ion (4.4 Ah) |
| Operating Time | Up to 8 hours (constant strength) |
| USB Output | 5 V / 1 A |
| Protection Rating | IP44 (splash-proof) |
| Material | Metal, PVC |

10. WARRANTY AND SUPPORT

TROTEC products are manufactured with high-quality standards. This product includes a warranty as per local

regulations. Information regarding the availability of spare parts in the EU is typically for a period of 2 years. For technical support, warranty claims, or service inquiries, please contact your retailer or the official TROTEC customer service. Please have your model number (PWLS 06-10) and proof of purchase ready when contacting support.



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