

PORTER-CABLE PC1600203

PORTER-CABLE 50W 5000-Lumen Portable LED Work Light User Manual

Model: PC1600203

1. INTRODUCTION

Thank you for choosing the PORTER-CABLE 50W 5000-Lumen Portable LED Work Light. This manual provides essential information for the safe operation, setup, and maintenance of your new work light. Please read it thoroughly before use and retain it for future reference.

Important Safety Information

- Always ensure the work light is placed on a stable, level surface to prevent tipping.
- Do not look directly into the LED light source when it is illuminated, as this may cause eye strain or damage.
- Keep the power cord away from heat, sharp edges, oil, and moving parts. Replace damaged cords immediately.
- Do not operate the work light in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Disconnect the power supply before performing any maintenance or cleaning.
- This product is designed for damp locations but should not be submerged in water.
- Ensure the voltage rating on the product matches your power supply.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any parts are missing or damaged, please contact customer support.

- 1 x PORTER-CABLE 50W 5000-Lumen Portable LED Work Light
- 1 x User Manual (this document)

3. PRODUCT FEATURES

The PORTER-CABLE 50W 5000-Lumen Portable LED Work Light is designed for versatile illumination in various work environments. Key features include:

- **High Brightness:** 50W LED lamp with a maximum output of 5000 lumens, providing powerful illumination equivalent to a 400W halogen light.
- **Energy Efficient:** Produces less heat compared to traditional halogen lights.
- **Dual Brightness Modes:** Features two settings: 100% (5000 lumens) and 50% (2500 lumens) for adaptable lighting.
- **Adjustable Design:** The main LED panel and two side LED panels can be adjusted to direct light precisely where needed, illuminating up to three walls of a room. Side panels offer 180° adjustment, and the main unit can rotate 300°.
- **Integrated Power Outlets:** Includes a 120V AC outlet and a 5V USB outlet for powering other tools or charging devices.
- **Color Temperature:** 4000K (Daylight White) for clear visibility.
- **Portable and Folding Design:** Compact for easy transport and storage.
- **Durable Construction:** Features a groove-shaped design on the back for efficient heat dissipation and is suitable for damp locations.
- **Long Power Cord:** Equipped with a 5-foot power cord for extended reach.



Figure 3.1: The PORTER-CABLE 50W 5000-Lumen Portable LED Work Light in its operational configuration. This image displays the main LED panel and two adjustable side panels, along with the integrated handle and stable base.



BRIGHT WHITE
5000 LM | 50 W | 4000 K

Figure 3.2: Illustration of the work light's bright white illumination. The image highlights the 5000 lumens output, 50W power consumption, and 4000K color temperature, demonstrating its effectiveness in a dimly lit environment.



ADJUSTABLE DESIGN



Figure 3.3: Depiction of the work light's adjustable design. This image shows the side panels rotating 180 degrees and the main unit rotating 300 degrees, allowing for flexible light direction.

AC/USB OUTPUT AVAILABLE



Figure 3.4: Close-up view of the integrated AC and USB output ports. This image demonstrates a smartphone being charged via the 5V USB outlet, highlighting the convenience of these additional power sources.

DUAL BRIGHTNESS SETTINGS



Figure 3.5: Comparison of the dual brightness settings. The image shows the work light operating at 5000 lumens (100%) and 2500 lumens (50%), illustrating the difference in light intensity.

50000+ HRS **LIFESPAN**

LESS HEAT BUILD UP | 2 BRIGHTNESS MODES

5V 2A USB OUTLET



Figure 3.6: Rear view of the work light, emphasizing its heat dissipation design and the power switch. Arrows indicate airflow for cooling, contributing to the 50,000+ hours lifespan.

4. SETUP

Follow these steps to set up your PORTER-CABLE LED Work Light:

1. **Unpack:** Carefully remove the work light and all components from the packaging.
2. **Position:** Place the work light on a stable, flat surface in the desired work area. Ensure there is adequate space around the unit for ventilation.
3. **Adjust Panels:** Unfold and adjust the main and side LED panels to direct light as needed. The side panels can rotate up to 180 degrees, and the main unit can pivot up to 300 degrees.
4. **Connect Power:** Plug the 5-foot power cord into a standard 120V AC electrical outlet. Ensure the outlet is properly grounded.

5. OPERATING INSTRUCTIONS

Powering On/Off and Brightness Adjustment

- Power On:** Locate the power switch on the back of the unit. Push the switch to position "I" for 50% brightness (2500 lumens) or position "II" for 100% brightness (5000 lumens).
- Adjust Brightness:** Toggle the switch between "I" and "II" to select the desired light intensity.
- Power Off:** Push the switch to the "O" position to turn off the work light.

Using the Integrated Outlets

- AC Outlet (120V):** The work light includes a standard 120V AC outlet. You can plug in other corded tools or devices directly into this outlet. Ensure the total power draw does not exceed the work light's capacity.
- USB Outlet (5V 2A):** A 5V 2A USB port is provided for charging mobile devices, small electronics, or powering USB-compatible accessories.

Note: The integrated outlets are active when the work light is plugged into a power source, regardless of whether the light itself is turned on.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your work light.

- Cleaning:** Disconnect the power cord before cleaning. Use a soft, damp cloth to wipe down the exterior surfaces. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- Inspection:** Periodically inspect the power cord for any signs of damage, such as cuts, fraying, or exposed wires. If damage is found, discontinue use and have the cord replaced by a qualified technician.
- Storage:** When not in use, fold the work light into its compact form and store it in a dry, clean environment, away from direct sunlight and extreme temperatures.
- Heat Dissipation:** Ensure the rear heat dissipation grooves are free from dust and debris to maintain efficient cooling.

7. TROUBLESHOOTING

If you encounter issues with your work light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Work light does not turn on.	No power to the outlet. Power cord is not fully plugged in. Power switch is in the "O" (Off) position. Damaged power cord or internal wiring.	Check the circuit breaker or try a different outlet. Ensure the power cord is securely plugged into both the light and the wall outlet. Move the power switch to position "I" or "II". Inspect the cord for damage. If damaged, contact customer support.
Light output is dim.	Work light is set to 50% brightness mode.	Switch the brightness setting to position "II" for 100% output.

Problem	Possible Cause	Solution
AC/USB outlets are not working.	Work light is not plugged into a live power source.	Ensure the work light is properly connected to a functioning 120V AC outlet.
	Device plugged into outlet is faulty or drawing too much power.	Test the device in another outlet or try a different device.

If the problem persists after attempting these solutions, please contact PORTER-CABLE customer support for further assistance.

8. SPECIFICATIONS

Model Number	PC1600203 (Also TKK067)
Light Output	5000 Lumens (Max)
Wattage	50W
Lumens Per Watt	100 lm/W
Color Temperature	4000K (Daylight White)
Input Voltage	AC 120V (110V-130V), 60Hz
USB Output	5V 2A
Cord Length	5 feet
Dimensions (Open)	D: 8.46" x W: 16.14" x H: 13.39"
Dimensions (Folded)	D: 5.12" x W: 8.46" x H: 11.02"
Weight	5.76 lbs (2.61 kg)
Material	Metal, Plastic
Certifications	FCC, ETL/UL Certified
Temperature Range	-4°F to 122°F (-20°C to 50°C)

9. WARRANTY AND SUPPORT

Warranty Information

This PORTER-CABLE product comes with a **3-year limited warranty**. Additionally, a **90-day money-back guarantee** is offered. Please retain your proof of purchase for warranty claims.





The warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, accidents, unauthorized repairs, or normal wear and tear.

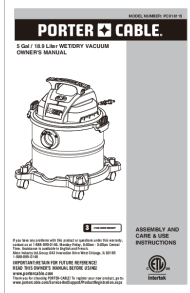
Customer Support

For technical assistance, warranty claims, or to inquire about replacement parts, please contact PORTER-CABLE customer support. Refer to the official PORTER-CABLE website or your product packaging for the most current contact information.

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Related Documents - PC1600203

	<p>Porter-Cable Model 121 Oscillating Spindle Sander Instruction Manual</p> <p>Comprehensive instruction manual for the Porter-Cable Model 121 Oscillating Spindle Sander, covering safety guidelines, operation, maintenance, and specifications. Learn how to use your sander safely and effectively.</p>
	<p>Porter-Cable C2002 Pancake Compressor Instruction Manual</p> <p>Comprehensive instruction manual for the Porter-Cable C2002 Pancake Air Compressor, covering safety guidelines, operation, maintenance, and troubleshooting. Learn how to safely use and maintain your compressor.</p>
	<p>Porter-Cable 352VS Belt Sander User Manual and Safety Guide</p> <p>Comprehensive user manual and safety instructions for the Porter-Cable 352VS Variable Speed Belt Sander, covering operation, maintenance, and safety guidelines for effective and safe use.</p>
	<p>Porter-Cable Model 557 Plate Joiner Instruction Manual</p> <p>Comprehensive instruction manual for the Porter-Cable Model 557 Double Insulated Plate Joiner, covering safety guidelines, operation, maintenance, and troubleshooting.</p>



[Porter-Cable 5 Gallon Wet/Dry Vacuum PCX18115 Owner's Manual](#)

Comprehensive owner's manual for the Porter-Cable 5 Gallon (18.9 Liter) Wet/Dry Vacuum, Model PCX18115. Includes safety instructions, operating procedures, maintenance, troubleshooting, and parts list.



[Porter Cable CMB15 Portable Air Compressor Instruction Manual](#)

Comprehensive instruction manual for the Porter Cable CMB15 portable air compressor, covering safety guidelines, operation, installation, maintenance, and troubleshooting. Includes specifications and glossary.