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Model: 4500LM 46W LED Work Light

1. PRODUCT OVERVIEW

The CRAFTSMAN 4500LM 46W LED Work Light is a high-performance, portable lighting solution designed for various demanding environments such as workshops, garages, and construction sites. It features long-lasting, super bright LED chips, a wet-rated design for durability, and a versatile fold-flat design with a 360° rotating head for optimal illumination.



Figure 1: CRAFTSMAN 4500LM 46W LED Work Light

Key Features:

- **Long-Lasting Super Bright LED Chips:** Provides 4500 lumens of cool white light (4000K) while consuming only 46 Watts.
- **Wet Rated & Widely Used:** Sealed design allows for use in damp conditions, suitable for workshops, construction sites, garages, and more.
- **Fold-Flat Design & 360° Rotating Head:** Ensures portability and easy storage. The light head rotates 360° for flexible positioning.
- **Durable Construction:** Features a shatterproof tempered glass lens and a robust build for demanding work environments.
- **ETL Certified:** Guarantees compliance with North American safety standards.

2. SAFETY INFORMATION

Read and understand all safety instructions before operating this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

General Safety Precautions:

- Always connect the work light to a grounded outlet.
- Do not operate the light with a damaged cord or plug.
- Keep the work light away from flammable materials.
- Do not look directly into the LED light when it is on, as it may cause eye strain or damage.
- Ensure the light is stable on a flat surface or securely mounted before use.

- Disconnect power before cleaning or performing any maintenance.

3. SETUP

Unfolding the Work Light:

1. Carefully remove the work light from its packaging.
2. Unfold the support legs until they lock into place, forming a stable base.
3. Adjust the light head to the desired angle by rotating it on its axis. The head offers 360° rotation.



Figure 2: Fold-flat design and 360° rotating head

Power Connection:

Plug the 5 ft (1.52m) power cord into a standard AC-120V grounded electrical outlet. Ensure the outlet is easily accessible for quick disconnection if needed.

Tripod Compatibility:

The CRAFTSMAN work light is designed to be compatible with standard tripod stands for elevated lighting. Locate the mounting hole on the base of the light and secure it to a compatible tripod (sold separately).

Apply to Tripod Stand



Figure 3: Work light mounted on a tripod stand

4. OPERATING INSTRUCTIONS

Turning On/Off:

Once plugged in, locate the power switch on the back of the light housing. Flip the switch to the 'ON' position to illuminate the LED panel. Flip it to the 'OFF' position to turn the light off.

Adjusting Light Direction:

The light head can be rotated 360° on its frame. Gently pivot the light panel to direct the illumination precisely where needed. The sturdy frame allows for stable positioning at various angles.

Bright Long Life LED Chips



Figure 4: Demonstrating the bright illumination

5. MAINTENANCE

Cleaning:

Before cleaning, ensure the work light is unplugged and completely cool. 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 the tempered glass lens.

Storage:

When not in use, fold the work light flat for compact storage. Store it in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure the power cord is neatly wrapped to prevent damage.

Fast Heat Dissipation



Figure 5: Rear view showing heat dissipation fins

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the outlet; Power cord or plug damaged; Light switch is off.	Check the power outlet with another device; Inspect the cord and plug for damage (do not use if damaged); Ensure the power switch is in the 'ON' position.
Light is dim or flickers.	Low voltage from power source; Overheating.	Ensure the power source provides stable 120V AC; Allow the light to cool down in a well-ventilated area.
Light head does not rotate smoothly.	Debris in the pivot mechanism.	Clean around the pivot points to remove any obstructions.

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

7. SPECIFICATIONS

Feature	Detail
Brightness	4500 Lumens
Wattage	46 Watts
Equivalent Wattage	450W Equivalent
Color Temperature	4000K (Cool Bright White)
Voltage	AC-120V
CRI	80
Cord Length	5 ft (1.52m) with 3-prong plug
Lens Material	Shatterproof Tempered Glass
Rating	Wet Rated
Certifications	ETL Certified
Item Weight	4.69 pounds
Package Dimensions	13.07 x 12.01 x 3.23 inches

8. WARRANTY AND SUPPORT

Warranty Information:

This CRAFTSMAN 4500LM 46W LED Work Light comes with a **3-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, warranty claims, or general inquiries, please visit the official CRAFTSMAN website or contact their customer service department. You can find contact information on the product packaging or the CRAFTSMAN brand website.

Note: Product specifications are subject to change without notice.