

## CNSUNWAY LIGHTING SWT80045B4120DB6

# CNSUNWAY 4FT D-Shape LED Shop Light Instruction Manual

Brand: CNSUNWAY LIGHTING | Model: SWT80045B4120DB6

## 1. INTRODUCTION

Thank you for choosing the CNSUNWAY 4FT D-Shape LED Shop Lights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting system. These lights are designed to provide bright, energy-efficient illumination for various indoor environments such as garages, workshops, and warehouses.

The unique D-shape design, high lumen output, and linkable feature make these lights a versatile and practical lighting solution. Please read this manual thoroughly before installation and retain it for future reference.

## 2. SAFETY INFORMATION

- **Indoor Use Only:** This product is designed for indoor applications. Do not use it in wet or outdoor environments unless specifically rated for such use.
- **Electrical Safety:** Ensure the power supply is disconnected before installation, maintenance, or cleaning. All electrical connections must comply with local and national electrical codes.
- **Proper Grounding:** Ensure the fixture is properly grounded to prevent electrical shock.
- **Voltage Compatibility:** Verify that the power supply voltage matches the fixture's requirements (120 Volts).
- **Avoid Direct Eye Exposure:** Do not stare directly into the LED light source when illuminated, as it may cause eye strain or damage.
- **Heat Dissipation:** Ensure adequate airflow around the fixture for proper heat dissipation. Do not cover the fixture with insulating materials.
- **Professional Installation:** If you are unsure about any part of the installation process, consult a qualified electrician.

## 3. PACKAGE CONTENTS

Please check the package contents to ensure all items are present and undamaged:

- CNSUNWAY 4FT D-Shape LED Shop Light (x2)
- 5FT Power Cord with ON/OFF Switch (x2)
- 2FT Extension Cord (x1)
- Mounting Clips (x4)
- Screws and Wall Anchors (x4 sets)



Figure 1: Package Contents. This image displays the two 4FT LED lights, two 5FT power cords with switches, one 2FT extension cord, and two accessory packages containing mounting clips and screws.

4. SPECIFICATIONS

Feature	Specification
Wattage	50 Watts
Brightness	7500 Lumens
Color Temperature	6500 Kelvin (Daylight White)
Voltage	120 Volts

Feature	Specification
Product Dimensions	45.75"L x 1.3"W x 1.4"H
Material	60% Recycled ABS + 40% Aluminum Alloy
Average Life	50,000 Hours
Mounting Type	Ceiling Mount, Wall Mount
Beam Angle	300°
Certifications	ETL Listed

## 5. SETUP AND INSTALLATION

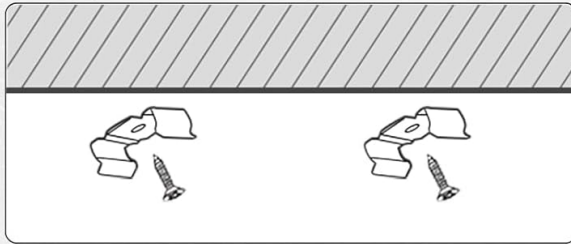
The CNSUNWAY LED Shop Lights offer flexible installation options, including surface mounting and linking multiple units together.

### 5.1 Mounting the Lights

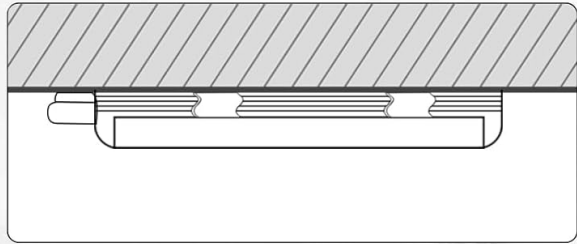
- Positioning:** Determine the desired location for your LED shop light. Mark the linear positions for the mounting clips on the ceiling or wall.
- Install Clips:** Securely screw the T8 mounting clips into the marked positions using the provided screws. If installing into drywall, use the wall anchors first.
- Attach Light:** Gently push the LED light fixture into the installed clips until it snaps securely into place.

# INSTALLATION INSTRUCTIONS

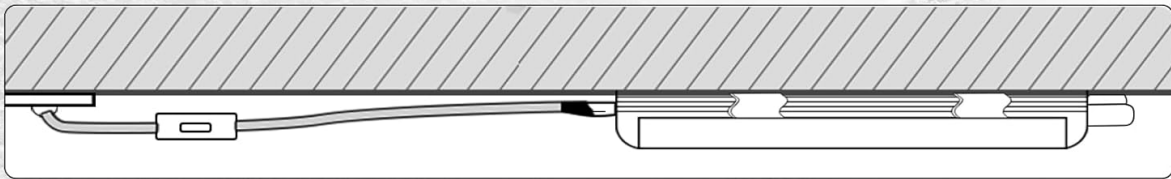
- ① Linear positioning then screw the t8 clips on the ceiling or the wall



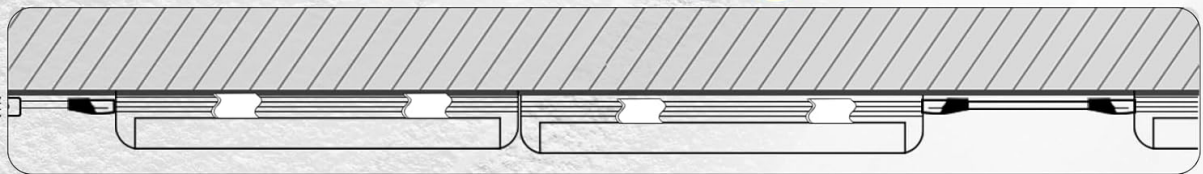
- ② Push the light into the clips fixed



- ③ Hardwire to the junction box or plugin power cord to the outlet



Please do not connect more than ④ tubes in series



Hardwire Yellow = Ground wire

White = Live / Neutral, Switch ON/OFF on the Live wire

Figure 2: Installation Steps. This diagram visually guides users through the process of mounting the light fixture using clips and screws.

## 5.2 Connecting Multiple Lights (Linkable Design)

These LED shop lights are designed to be linkable, allowing you to connect multiple fixtures to a single power source. You can connect them directly end-to-end or use the provided 2FT extension cord for spacing.

- **Direct Connection:** Align the male connector of one light with the female connector of another and push them together until they click securely.
- **Extension Cord Connection:** Use the 2FT extension cord to connect two lights that are not directly adjacent. Plug one end of the extension cord into the female connector of the first light and the other end into the male connector of the second light.
- **Power Connection:** Plug the 5FT power cord with the ON/OFF switch into the first light in the series, then plug the power cord into a standard 120V outlet.
- **Important Note:** Do not connect more than 4 tubes in series to avoid overloading the circuit and ensure optimal performance.



Figure 3: Connection Methods. This image demonstrates how to link multiple lights using either direct connection or an extension cord.

### 5.3 Installation Video Guide

For a visual guide on the installation process, please refer to the video below:

Video 1: Installation Overview. This video provides a comprehensive look at unboxing, testing, and installing the CNSUNWAY 4FT D-Shape LED Shop Lights in a garage setting, demonstrating their brightness and linkable features.

## 6. OPERATING INSTRUCTIONS

Operating your CNSUNWAY LED Shop Light is straightforward:

- **Power On/Off:** Use the ON/OFF switch located on the power cord to turn the lights on or off.
- **Brightness:** The lights provide a consistent 7500 lumens of 6500K daylight white light. There are no dimming functions.
- **D-Shape Advantage:** The D-shape design with 3 rows of LED chips ensures a wide 300° beam angle, minimizing dark spots and providing uniform illumination across your workspace.





Figure 4: Brightness in a Garage. This image illustrates the powerful and uniform illumination provided by the LED shop lights in a typical garage environment.

# Why Choose Us



Figure 5: D-Shape Lighting Advantage. This image highlights the benefits of the D-shape design, including a wider beam angle and more LED chips for enhanced brightness and coverage.

## 7. MAINTENANCE

To ensure the longevity and optimal performance of your LED shop lights, follow these simple maintenance guidelines:

- **Cleaning:** Periodically wipe the surface of the light fixture with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **Inspection:** Regularly inspect the power cords and connections for any signs of wear, damage, or loose connections. If any damage is found, discontinue use and replace the affected component.
- **No User-Serviceable Parts:** The LED chips are integrated and not user-replaceable. Do not attempt to open or repair the fixture yourself.

## 8. TROUBLESHOOTING

If you encounter any issues with your CNSUNWAY LED Shop Lights, refer to the following troubleshooting steps:

- **Light Does Not Turn On:**

- Check if the power cord is securely plugged into the outlet and the light fixture.
- Ensure the ON/OFF switch on the power cord is in the 'ON' position.
- Verify that the power outlet is functional by plugging in another device.
- If multiple lights are linked, check all connections between the fixtures.

- **Flickering Light:**

- Ensure all connections are tight and secure.
- Check if the power supply is stable.

- **Uneven Illumination:**

- Confirm that the lights are properly mounted and not obstructed.
- Ensure the D-shape is oriented correctly to maximize light distribution.

If the problem persists after attempting these steps, please contact CNSUNWAY customer support for assistance.

## 9. WARRANTY AND SUPPORT

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CNSUNWAY offers **3 years of worry-free protection** for this product. Our responsive after-sales team is dedicated to ensuring your satisfaction.

If you have any issues, questions, or require technical support, please do not hesitate to contact us. We are committed to providing a prompt and effective solution.

**Contact Information:**

Please refer to the product packaging or the official CNSUNWAY website for the most up-to-date customer support contact details.