

NS NS-TWL150W-01-C

NS LED Temporary Work Light 150W IP64 - Instruction Manual

Model: NS-TWL150W-01-C

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your NS LED Temporary Work Light. This 150W LED work light is designed for various indoor and outdoor applications, offering high brightness and durability. Please read these instructions thoroughly before installation and operation.

2. SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power supply matches the light's voltage requirements (120V).
- Do not operate the light with a damaged cord or plug.
- Avoid direct eye exposure to the light source, as it is extremely bright.
- Keep the light away from flammable materials.
- Do not attempt to disassemble or modify the light. Refer all servicing to qualified personnel.
- The light is rated IP64 for wet locations, but avoid submerging it in water.
- Always unplug the light before cleaning or performing any maintenance.

3. PRODUCT FEATURES

- **Portable Design:** Equipped with a top hook for easy carrying and versatile placement as a portable or high bay light.
- **High Illumination:** 150W LED lamp producing 24250 lumens with 360-degree omni-directional lighting, equivalent to a 600W incandescent lamp.
- **Linkable Functionality:** Plug-and-play design allows connecting up to 8 lights for expanded area illumination. Includes a 16.4 ft power cord.
- **Durable Construction:** Features an 18AWG heavy-duty SJTW cable, 120V standard plug, and a 360° heavy-duty stainless steel cage for shock and vibration resistance.
- **Efficient Heat Dissipation:** High-quality aluminum sheeting ensures rapid heat dissipation, extending product

lifespan.

- **Wet Location Rated:** Suitable for outdoor use, including rainy conditions.



Figure 1: Exploded view of the NS LED Temporary Work Light components.

LED TEMPORARY WORK LIGHT

 **24250**
Lumen

 **150W**
Power

 **50000**
Hours

 **IP64**
Waterproof

 **-22°F to 140°F**
Temp Range



Figure 2: Key specifications and features of the NS LED Temporary Work Light.

4. SETUP

1. **Unpacking:** Carefully remove the work light from its packaging. Inspect for any damage.
2. **Placement:** Determine the desired location for illumination. The integrated top hook allows for hanging the light from suitable structures such as ceilings, beams, or scaffolding. Ensure the hanging point can support the weight of the light (approximately 2.4 kg).
3. **Power Connection:** Plug the 16.4 ft power cord into a standard 120V electrical outlet.
4. **Linking Multiple Lights (Optional):** If using multiple linkable lights, connect the output of one light to the input of the next using the integrated power cord buckle protection link. Up to 8 lights can be linked in a series.



Figure 3: Example of multiple lights linked for extended illumination.

5. OPERATING INSTRUCTIONS

The NS LED Temporary Work Light is designed for simple operation.

1. Once properly set up and plugged into a power source, the light will illuminate instantly.
2. To turn off the light, unplug it from the power source.
3. For temporary or portable use, ensure the light is securely placed or hung to prevent accidental falls.

Illuminate Anywhere



For outdoor



For indoor



For jobsite



Figure 4: The work light illuminates various environments.

Video 1: Product introduction and usage demonstration by NY New Sunhine.

Video 2: Short demonstration of the NS LED Temporary Work Light by NY New Sunhine.

6. MAINTENANCE

Minimal maintenance is required for this LED work light due to its durable design and long-lasting LED technology.

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the power cord, plug, and housing for any signs of damage. If damage is found, discontinue use and contact customer support.
- **Storage:** When not in use, store the light in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your NS LED Temporary Work Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Faulty outlet; Damaged cord/plug	Check power connection; Test outlet with another device; Inspect cord/plug for damage (do not use if damaged).
Light flickers	Unstable power supply; Loose connection	Ensure stable power source; Check all connections are secure.
Reduced brightness	Dirt or debris on light cover	Clean the light cover with a soft, damp cloth (ensure power is disconnected).

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

8. SPECIFICATIONS

Attribute	Value
Model Number	NS-TWL150W-01-C
Brand	NS
Power Source	Corded Electric
Voltage	120 Volts
Wattage	150 Watts
Light Output	24250 Lumens
Light Source Type	LED
Color Temperature	5000K Daylight
Beam Angle	360 Degrees
IP Rating	IP64 (Wet Location Rated)
Cord Length	16.4 ft
Material	Aluminum, Plastic, Stainless Steel
Item Weight	2.4 Kilograms
Dimensions (L x W x H)	15.38"L x 6.69"W x 15.35"H
Linkable	Up to 8 lights



Figure 5: Product dimensions.

9. WARRANTY AND SUPPORT

NS provides a **5-year indefinite warranty** for this product. Each lamp has been strictly tested and certified by ETL and DLC to ensure quality and safety.

For any questions, technical support, or warranty claims, please contact NY New Sunhine, the manufacturer, or your retailer. Please have your model number (NS-TWL150W-01-C) and purchase information available when contacting support.