

## NS T150

# NS 150W High Bay Outdoor Temporary LED Work Light (Model T150) Instruction Manual

Your Guide to Safe and Efficient Operation

## 1. INTRODUCTION

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Thank you for choosing the NS 150W High Bay Outdoor Temporary LED Work Light. This manual provides essential information for the safe and effective use of your new lighting product. This robust and energy-efficient LED work light delivers an ultra-high 24,250 lumens with 360° omni-directional coverage, ensuring uniform, professional-grade lighting for various applications. Its portable design, durable construction, and linkable features make it ideal for demanding environments.

## 2. SAFETY INFORMATION

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Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Ensure the power source matches the light's specifications (100-277V AC). Always plug into a grounded outlet. Do not operate with damaged cords or plugs.
- **Installation:** Securely hang the light using the integrated snap-lock hook. Ensure the mounting surface can support the weight of the fixture.
- **Environment:** This light is rated for wet locations (IP65), making it suitable for outdoor use in rainy conditions. However, avoid submerging the unit in water.
- **Handling:** The heavy-duty stainless steel cage protects against impacts. Avoid direct impact to the LED array.
- **Eye Protection:** Do not stare directly into the illuminated light source, as it emits extremely bright light (24,250 lumens) which can cause eye strain or damage.
- **Surge Protection:** Equipped with a 6000V surge protector to reduce potential damage from power fluctuations.

## 3. PRODUCT OVERVIEW

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The NS 150W High Bay Outdoor Temporary LED Work Light is designed for durability and high performance in demanding environments. Key components include:

- **LED Array:** High-efficiency LEDs providing 360° omni-directional illumination.

- **Protective Cage:** Heavy-duty stainless steel cage with powder coating for shock and impact resistance.
- **Housing:** Durable aluminum housing for rapid heat dissipation.
- **Power Cord:** 16.4 ft 18AWG heavy-duty SJTW PVC-jacketed power cord with a standard 120V plug.
- **Snap-Lock Hook:** Integrated top hook for easy carrying and quick hanging.
- **Linkable Outlet:** An additional outlet on the fixture allows for linking multiple units (up to 8 lights) for expanded coverage.



Figure 1: NS 150W High Bay Outdoor Temporary LED Work Light (Model T150).



Impact Tested

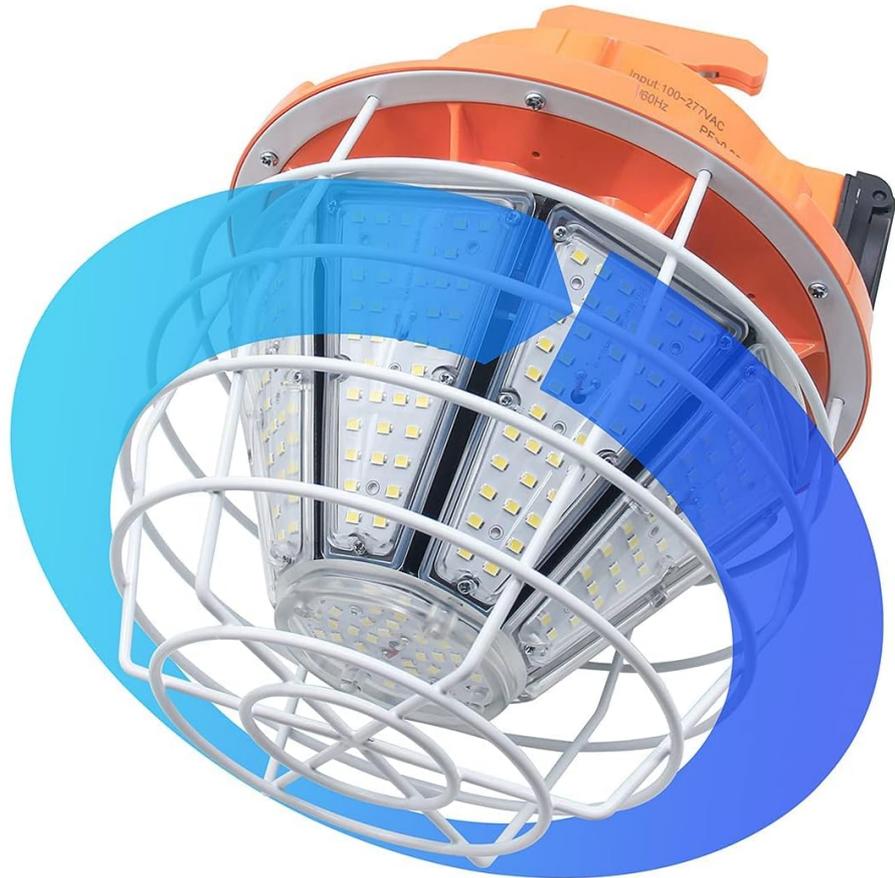


IP 65



Extreme Temp.

Tested -22° to 120°F



**360° LIGHT DIRECTION**

Figure 2: Key features including impact resistance, IP65 rating, and 360° light direction.

## 4. SETUP

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The NS 150W LED Work Light features a plug-and-play design for quick setup.

1. **Unpack:** Carefully remove the light fixture and power cord from its packaging.
2. **Positioning:** Determine the desired location for illumination. The integrated snap-lock hook allows for easy hanging from various structures such as scaffolding, temporary supports, or overhead beams. Alternatively, the light can be placed on a flat, stable surface.
3. **Power Connection:** Plug the 16.4 ft power cord into a standard 100-277V AC grounded electrical outlet.
4. **Linking Multiple Lights (Optional):** If additional lighting is required, connect the plug of another compatible NS LED Work Light into the auxiliary outlet located on the side of the primary fixture. Up to 8 lights can be linked in series.

## PORTABLE TEMPORARY WORK LIGHTS

Easy installation / Portable / Flexible



Figure 3: The snap-lock hook enables easy hanging and portability for various job site needs.

It can connect with 8-10 fixtures in the meanwhile  
Offering connector to make fixtures connect in series like string light



Figure 4: Illustration of multiple NS LED Work Lights connected in series for extended coverage.

## 5. OPERATING INSTRUCTIONS

Operating the NS 150W LED Work Light is straightforward:

1. **Power On:** Once plugged into a suitable power source, the light will illuminate instantly. There is no separate on/off switch on the unit itself; operation is controlled by plugging/unplugging or using an external switch on the power source.
2. **Positioning:** Adjust the hanging position or placement on the ground to achieve optimal illumination for your workspace. The 360° omni-directional light ensures wide coverage.

3. **Power Off:** To turn off the light, simply unplug it from the power outlet.

Video 1: Demonstrates the NS LED Temporary Work Light in use, highlighting its portability and brightness in an outdoor setting.

Video 2: Unboxing and initial plug-in of the Bright LED Outdoor Work Light, showing its immediate illumination.

## 6. MAINTENANCE

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The NS 150W LED Work Light is designed for minimal maintenance due to its durable construction and long-lasting LEDs.

- **Cleaning:** Periodically wipe the exterior of the light with a damp cloth to remove dust and debris. Ensure the light is unplugged before cleaning. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the power cord and plug for any signs of damage. Check the protective cage for bends or breaks. If any damage is found, discontinue use and contact customer support.
- **LED Lifespan:** The LEDs have a rated lifespan of 50,000 hours, significantly reducing the need for bulb replacement.

## 7. TROUBLESHOOTING

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If you encounter issues with your NS 150W LED Work Light, refer to the following common troubleshooting steps:

- **Light Does Not Turn On:**
  - Ensure the power cord is securely plugged into a functional electrical outlet.
  - Check the circuit breaker or fuse for the outlet.
  - Verify that the power outlet is supplying electricity by testing it with another device.
- **Flickering Light:**
  - Ensure the power connection is stable and not loose.
  - Avoid using the light with incompatible dimmers or unstable power sources.
- **Reduced Brightness:**
  - Clean any accumulated dust or debris from the LED array and protective cage.
  - Ensure the light is operating within its specified voltage range.

For issues not resolved by these steps, please contact NS customer support.

## 8. SPECIFICATIONS

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Detailed specifications for the NS 150W High Bay Outdoor Temporary LED Work Light (Model T150):



Figure 5: Product dimensions and cord length.

Specification	Detail
Model Number	T150
Wattage	150 Watts
Brightness	24250 Lumens
Color Temperature	5000 Kelvin (Daylight White)
Voltage	100-277 Volts AC
Beam Angle	360 Degrees
Lifespan	50,000 hours

Material	Aluminum (housing), Alloy Steel, Glass, Stainless Steel (shade)
Finish Type	Powder Coated
Item Weight	5.06 pounds (2.3 Kilograms)
Product Dimensions	10.75"L x 7.68"W x 7.68"H
Power Source	Corded Electric
Cord Length	16.4 ft (18AWG SJTW cable)
Special Features	360° omni-directional coverage, Wet location rated (IP65), 6000V surge protector, Linkable up to 8 lights, Rugged design, Shock and impact resistant, ETL and DLC certified, Portable with snap-lock hook

## 9. WARRANTY AND SUPPORT

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The NS 150W High Bay Outdoor Temporary LED Work Light is backed by a 5-year warranty, ensuring quality and reliable performance. For any questions, technical assistance, or warranty claims, please contact NS customer support. You can visit the [NS Store](#) for more information and support resources.