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NS 150W LED Temporary Work Light Fixture (B07N2JC27H)

NS 150W LED Temporary Work Light Fixture User Manual

Model: B07N2JC27H

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1. PRODUCT OVERVIEW

The NS 150W LED Temporary Work Light Fixture is engineered to provide powerful and efficient illumination for various commercial and industrial applications. Designed for durability and convenience, this light offers exceptional brightness and a long lifespan, making it ideal for demanding environments.

- **Super Bright Illumination:** Delivers 24,750 lumens of daylight white (5,000K) light, providing high-intensity brightness for large areas.
- **Energy Efficient:** Achieves 90% energy savings compared to traditional 1500W Metal Halide lights.
- **Durable Construction:** Features a stainless steel protective cage and die-casting aluminum heat sink for enhanced durability, shock absorption, and efficient heat dissipation.
- **Weather Resistant:** IP64 dust and waterproof rating ensures reliable performance in wet and dusty conditions.
- **Linkable Design:** Equipped with a connector to link up to 10 lamps in series, creating a string light setup for extended coverage.
- **Long Lifespan:** SMD LED chips and efficient heat management contribute to an impressive 50,000-hour lifetime.



Input 100-277VAC
50/60Hz PF>0.95
150W CCT :5000-5500K
DA9B6A3

Figure 1: The NS 150W LED Temporary Work Light Fixture, showcasing its robust design and protective cage.



Figure 2: Product dimensions and key performance indicators, including 24250 lumens, 150W power, and 50000 hours lifespan.

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Video 1: This video demonstrates the unboxing, features, and robust construction of the NS 150W LED Temporary Work Light, including its stable base, high lumen output, and durable design.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the NS 150W LED Temporary Work Light Fixture. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always disconnect power before installation, maintenance, or cleaning.
- Ensure the power source voltage matches the light fixture's requirements (110V AC).
- Do not operate the light with a damaged cord or plug.
- Avoid direct eye exposure to the light source when illuminated, as it is extremely bright.
- Do not modify the light fixture in any way. Unauthorized modifications may void the warranty and create safety hazards.
- Ensure the light is securely mounted or placed on a stable surface to prevent falling.
- While the light is IP64 rated for dust and water resistance, avoid submerging it in water.
- Keep away from flammable materials.

3. SETUP AND INSTALLATION

The NS 150W LED Temporary Work Light Fixture is designed for easy setup and can be used in various configurations.

3.1. Single Unit Installation

1. Unpack the light fixture carefully, removing all packaging materials.
2. Identify the integrated top hook for hanging.
3. Securely hang the light fixture from a sturdy support structure using the hook. Ensure the support can bear the weight of the light (approximately 5.3 lbs).
4. Alternatively, place the light on a flat, stable surface using its integrated base.
5. Plug the power cord into a standard 110V AC outlet. The light will illuminate instantly.



It comes with a steel safety snap lock and On-Off switch make it quick and easy to install or remove.

Figure 3: Detail of the steel safety snap lock and integrated hook for quick installation and removal.

3.2. Linkable Series Installation

This work light features a convenient linkable design, allowing you to connect multiple units in series for broader illumination. Up to 10 lamps can be connected.

1. For the first light in the series, follow the single unit installation steps (hang or place).
2. Locate the waterproof and linkable interface (outlet) on the side of the first light fixture.
3. Connect the power cord of the second light fixture into the outlet of the first light.
4. Repeat this process for additional lights, connecting each subsequent light to the previous one's outlet.
5. Ensure all connections are secure and the total wattage of linked lights does not exceed the circuit's capacity.



Figure 4: The light's IP64 rating allows use in wet locations, and its linkable feature enables connecting multiple units for extensive lighting.

4. OPERATING INSTRUCTIONS

Operating the NS 150W LED Temporary Work Light Fixture is straightforward.

1. Once the light fixture is securely installed and connected to a 110V AC power source, it will illuminate instantly.
2. The light is designed for continuous operation in demanding environments.
3. This model is **not dimmable** and operates at full brightness when powered.
4. To turn off the light, simply disconnect it from the power source.



Figure 5: The light's wide application range, suitable for construction sites, work stations, warehouses, and other indoor/outdoor locations.

5. MAINTENANCE

The NS 150W LED Temporary Work Light Fixture is designed for minimal maintenance, thanks to its durable construction and long-life LED technology.

- **Cleaning:** Periodically clean the exterior of the light fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the light is unplugged and cool before cleaning.
- **Inspection:** Regularly inspect the power cord, plug, and protective cage for any signs of damage. If any damage is found, discontinue use and contact customer support.
- **LED Lifespan:** The LED chips are rated for a 50,000-hour lifespan, meaning no bulb replacement is typically needed during the product's operational life.
- **Heat Dissipation:** The aluminum heat sink is designed for efficient heat dissipation. Ensure adequate airflow around the fixture during operation.

6. TROUBLESHOOTING

If you encounter issues with your NS 150W LED Temporary Work Light Fixture, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty outlet, damaged cord/plug.	Check power connection. Test outlet with another device. Inspect cord and plug for damage.
Light is dim or flickers.	Unstable power supply, internal component issue.	Ensure stable power. If problem persists, contact customer support.
Light gets excessively hot.	Blocked ventilation, operating in extreme temperatures.	Ensure clear airflow around the fixture. Operate within recommended temperature ranges.
Linked lights are not working.	Loose connection, exceeding maximum linked units.	Check all series connections. Ensure no more than 10 units are linked.

If the problem persists after attempting these solutions, please contact NS Customer Support for further assistance.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	NS
Model	B07N2JC27H
Power Consumption	150 Watts
Brightness	24,250 Lumens
Color Temperature	5,000K Daylight White
Voltage	110 Volts AC
IP Rating	IP64 (Dust & Waterproof)
Dimensions (L x W x H)	6.7" x 6.7" x 15.35"
Item Weight	5.29 Pounds
Material	Aluminum, Plastic, Metal

Feature	Specification
Lifespan	50,000 Hours
Control Method	Push Button (via power connection)
Installation Type	Suspended, Freestanding
Certifications	ETL Listed



Figure 6: Exploded view illustrating the internal structure, including the large area aluminum radiator and protective covers.

WHY CHOOSE OUR WORK LIGHT?

High quality , High bright



Our 150W Work Light	VS	Other 150W Work Light
up to 10 lamps	Linkable	3 lamps or less
actual 150W	Watt	false mark 150W
>160Lm/w	Lumen	<120Lm/w
Thickened stainless steel	Cover	Thin iron
Over 5 Years	Warranty	Less than 1 Years

Figure 7: Feature comparison demonstrating the superior quality and performance of the NS 150W Work Light.

8. WARRANTY AND CUSTOMER SUPPORT

The NS 150W LED Temporary Work Light Fixture comes with a manufacturer-and-seller-combination warranty, ensuring quality and reliability.

- **Warranty Coverage:** Please refer to your purchase documentation for specific warranty terms and duration. The product is designed for a 50,000-hour lifespan.
- **Customer Support:** For any quality problems, technical assistance, or warranty claims, please contact NS customer support. Our team is dedicated to providing prompt and helpful responses within 24 hours.
- **Contact Information:** Refer to the contact details provided at the point of purchase or on the official NS website.

We are committed to your satisfaction and the performance of our products.



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