

[Manuals.plus](#) /

› [Jaspertronics](#) /

› Jaspertronics YODN 230W 7R Moving Head Light Discharge Lamp Instruction Manual

Jaspertronics YODN 230W 7R

Jaspertronics YODN 230W 7R Moving Head Light Discharge Lamp Instruction Manual

Model: YODN 230W 7R for TECSHOW by American PRO Ion 230B Fixture

INTRODUCTION

This manual provides essential information for the safe and effective use of your Jaspertronics YODN 230W 7R Moving Head Light Discharge Lamp. This lamp is specifically designed for the TECSHOW by American PRO Ion 230B Fixture, offering high intensity and a long, reliable lifetime for professional stage lighting applications. Please read these instructions carefully before installation and operation.

Cross Reference

YODN Model Name	Osram Sirius	Philips MSD Platinum
MSD 200R5/S5	HRI 190W Plus	5R 189W
MSD 230R7/S7	HRI 230W	N/A
★ MSD 260R9	N/A	N/A
MSD 280R10	HRI 280W	14R 280W
MSD 300R15	N/A	15R 300W
MSD 330R16/OA	HRI 330W XL	Silver 330
MSD 330C8	HRI 330W X8	N/A
MSD 330S16	HRI 330W	N/A
MSD 350R17	N/A	16R 330W / Silver 350W
★ MSD 350S17	N/A	N/A
MSD 380R18	HRI 371W S	Silver 380
MSD 380U18	HRI 371W	N/A
MSD 440R20	HRI 440W	N/A
MSD 440S20	HRI 440W S	N/A
★ mark stands for YODN's own product design		

Image: The Jaspertronics YODN 230W 7R Moving Head Light Discharge Lamp, showcasing its design and connection pins.

Key Features:

- **High Intensity:** Delivers powerful illumination for dynamic stage effects.
- **Extended Lifetime:** Average lamp lifetime of up to 2,000 hours.
- **Optimal Optical System:** Engineered for maximum light output and clarity.
- **Compact Design:** Perfectly suited for small and lightweight moving heads.
- **Broad Compatibility:** Designed for the TECSHOW by American PRO Ion 230B Fixture and other compatible models.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the lamp and fixture:

- Ensure the fixture is disconnected from power before installation or maintenance.
- Allow the lamp to cool completely before handling. Hot lamps can cause severe burns.
- Do not touch the glass part of the lamp with bare hands. Oils from skin can create hot spots and reduce lamp life. Use clean gloves or a soft cloth.
- Handle the lamp with care to avoid breakage. Discharge lamps contain high-pressure gas and can shatter if dropped or mishandled.
- Dispose of old lamps according to local regulations for hazardous waste.

SETUP AND INSTALLATION

Follow these steps for proper installation of the YODN 230W 7R lamp into your compatible moving head fixture.

1. **Power Disconnection:** Ensure the moving head fixture is turned off and completely disconnected from the main power supply.
2. **Cool Down:** Allow the fixture and the old lamp (if replacing) to cool down for at least 30 minutes.
3. **Access Lamp Compartment:** Refer to your fixture's specific manual to locate and open the lamp access compartment. This usually involves unscrewing a cover or releasing a latch.
4. **Remove Old Lamp (if applicable):** Carefully unclip or unscrew the old lamp from its socket. Handle it by the ceramic base, avoiding contact with the glass.
5. **Install New Lamp:** Wearing clean gloves, carefully insert the new Jaspertronics YODN 230W 7R lamp into the lamp socket. Ensure the pins align correctly and the lamp is seated firmly. Do not force it.



Image: An example of a discharge lamp being installed into a fixture housing. Note the importance of handling the lamp by its base.

6. **Secure Lamp:** Re-secure the lamp with any clips or screws as per your fixture's design.
7. **Close Compartment:** Close and secure the lamp access compartment cover.
8. **Reconnect Power:** Reconnect the fixture to the power supply.

OPERATING INSTRUCTIONS

Once the lamp is installed, follow your moving head fixture's operating manual for specific control and programming. General operating considerations for discharge lamps include:

- **Warm-up Time:** Discharge lamps require a short warm-up period to reach full brightness and stable color temperature.
- **Cool-down Time:** Always allow the lamp to cool down for at least 5-10 minutes after turning off before restarting. Rapid restarts can significantly reduce lamp life.

- **Avoid Frequent On/Off Cycles:** Minimize turning the lamp on and off frequently, as this can also shorten its lifespan.
- **Ventilation:** Ensure adequate ventilation for the fixture to prevent overheating, which can damage the lamp and other components.

MAINTENANCE

Proper maintenance ensures optimal performance and extends the life of your lamp.

- **Regular Cleaning:** Periodically clean the fixture's lenses and reflectors to maintain light output. Use a soft, lint-free cloth and a suitable optical cleaning solution.
- **Lamp Replacement:** Replace the lamp when it reaches its average rated life or if you notice a significant decrease in brightness or a change in color.
- **Inspection:** Regularly inspect the lamp and its connections for any signs of wear, damage, or loose contacts.

TROUBLESHOOTING

If you encounter issues with your lamp, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Lamp does not ignite	No power to fixture, faulty ignitor, improperly seated lamp, lamp reached end of life.	Check power connection. Verify lamp is correctly installed. Consult fixture manual for ignitor issues. Replace lamp if at end of life.
Lamp flickers or dims	Unstable power supply, lamp nearing end of life, poor connection.	Ensure stable power. Replace lamp if it's old. Check lamp connections.
Reduced brightness	Dirty optics, lamp nearing end of life.	Clean fixture lenses and reflectors. Replace lamp.
Lamp explodes or shatters	Overheating, physical damage, manufacturing defect.	Ensure proper ventilation. Handle with extreme care. Contact support if new lamp fails prematurely.

SPECIFICATIONS

Detailed technical specifications for the Jaspertronics YODN 230W 7R Moving Head Light Discharge Lamp.

Specification	Detail
Lamp Type	YODN 230W 7R Discharge Lamp
Compatibility	TECSHOW by American PRO Ion 230B Fixture and others (see cross-reference)
Average Lamp Lifetime	Up to 2,000 Hours
Product Dimensions	2 x 2 x 2.4 inches
Item Weight	3.2 ounces
Manufacturer	Jaspertronics

Specification	Detail
ASIN	B0F494LM13

Cross Reference Table

The following table provides a cross-reference for various YODN lamp models and their equivalents from Osram Sirius and Philips MSD Platinum.



Image: A cross-reference table detailing YODN model names and their corresponding Osram Sirius and Philips MSD Platinum equivalents.

PRODUCT OVERVIEW VIDEO

Watch this video for an overview of stage lighting bulbs, including the Jaspertronics YODN 230W 7R lamp.

Your browser does not support the video tag.

Video: An informational video from Jaspertronics, LLC, providing an overview of various stage lighting bulbs. This video highlights the quality and application of these specialized lamps.

WARRANTY AND SUPPORT

Jaspertronics stands behind the quality of its products. For specific warranty details, please refer to the documentation included with your purchase or visit the official Jaspertronics website. For technical support, replacement parts, or any inquiries, please contact Jaspertronics customer service.

Contact Information:

Please visit the [Jaspertronics Store on Amazon](#) for further assistance and product information.

