

[manuals.plus](#) /› [PHILIPS](#) /› [Philips MSD Platinum 2 R 132W Reflector Lamp User Manual](#)

## PHILIPS MSD Platinum 2 R

# Philips MSD Platinum 2 R 132W Reflector Lamp User Manual

## 1. PRODUCT OVERVIEW

The Philips MSD Platinum 2 R is a 132W High-Intensity Discharge (HID) reflector lamp designed for professional entertainment lighting applications, such as DJ and club lighting. This lamp offers a compact design, high beam intensity, and excellent color reproduction, making it suitable for creating dynamic lighting effects.

### Key Features:

- **Philips MSD Technology:** Utilizes advanced Philips MSD technology for optimal performance.
- **132W Power Output:** Provides significant light output for professional use.
- **Compact Reflector Design:** Allows for smaller and lighter luminaire designs.
- **Very Short Arc:** Contributes to high beam intensity and precise light control.
- **High Correlated Color Temperature:** Ensures vibrant and accurate color reproduction.
- **High Luminous Flux:** Delivers 5150 lumens for bright illumination.

### Benefits:

- **Long and Reliable Lifetime:** Rated for up to 6000 hours of operation.
- **High Beam Intensity:** Produces a powerful and focused light beam.
- **Fast Lamp Replacement:** Designed for quick and easy lamp changes with perfect alignment.
- **High Efficacy:** Efficient light production compared to traditional halogen bulbs.



**Figure 1:** Philips MSD Platinum 2 R 132W Reflector Lamp. This image shows the compact design of the lamp, highlighting its reflector shape and connection points.

## 2. SAFETY INFORMATION

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Read all safety instructions carefully before installing, operating, or maintaining the lamp. Failure to follow these instructions may result in electric shock, fire, serious injury, or property damage.

- **Professional Installation:** This lamp should be installed by qualified personnel familiar with professional lighting equipment and electrical systems.
- **Power Disconnection:** Always disconnect power to the fixture before installing, replacing, or cleaning the lamp.
- **Hot Surface:** Lamps operate at high temperatures. Allow the lamp and fixture to cool completely before handling.
- **UV Radiation:** HID lamps emit UV radiation. Avoid direct exposure to the lamp when operating without proper shielding.
- **Lamp Handling:** Do not touch the lamp glass with bare hands. Oils from skin can create hot spots and reduce lamp life. Use clean gloves or a soft cloth.
- **Disposal:** Dispose of used lamps according to local regulations, as they may contain hazardous

materials.

- **Compatibility:** Ensure the lamp is compatible with the fixture's ballast and electrical specifications (e.g., 132W, 120V).

### 3. SETUP AND INSTALLATION

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Proper installation is crucial for the performance and longevity of the lamp. Always refer to the specific instructions provided with your lighting fixture.

1. **Power Off:** Ensure the lighting fixture is completely disconnected from the power supply.
2. **Cool Down:** If replacing an old lamp, allow the fixture and lamp to cool down completely to prevent burns.
3. **Access Lamp Compartment:** Open the lamp compartment of your lighting fixture according to the manufacturer's instructions.
4. **Remove Old Lamp (if applicable):** Carefully remove the old lamp, if present, following the fixture's guidelines.
5. **Handle New Lamp:** Wear clean gloves or use a soft, lint-free cloth to handle the new Philips MSD Platinum 2 R lamp. Avoid touching the glass envelope directly.
6. **Insert Lamp:** Align the lamp's base with the socket in the fixture. Gently insert the lamp, ensuring it is seated correctly and securely. The design allows for quick and precise alignment.
7. **Secure Compartment:** Close and secure the lamp compartment of the fixture.
8. **Power On:** Reconnect the fixture to the power supply.

### 4. OPERATING INSTRUCTIONS

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The Philips MSD Platinum 2 R lamp is designed for use in compatible professional lighting fixtures. Operation is typically controlled by the fixture's internal systems or external DMX controllers.

- **Initial Ignition:** Upon first power-up or after a lamp replacement, the lamp may take a few moments to reach full brightness and stable color temperature. This is normal for HID lamps.
- **Warm-up Time:** Allow the lamp to fully warm up before critical use to ensure optimal performance and color consistency.
- **Re-ignition:** If the lamp is turned off, allow it to cool down for several minutes before attempting to re-ignite it. Hot re-ignition may not be immediate or could reduce lamp life.
- **Operating Environment:** Ensure the fixture operates within its specified temperature and ventilation parameters to prevent overheating and extend lamp life.

### 5. MAINTENANCE

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Regular maintenance helps ensure optimal performance and extends the lifespan of your Philips MSD Platinum 2 R lamp.

- **Cleaning:** Periodically clean the exterior of the lamp and the fixture's reflector with a soft, dry, lint-free cloth. Ensure the lamp is cool and power is disconnected before cleaning. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the lamp for any signs of damage, such as cracks or discoloration. Replace damaged lamps immediately.
- **Lamp Replacement:** Replace the lamp when it reaches its rated lifetime (6000 hours) or if its

performance significantly degrades (e.g., dimming, color shift, flickering). Follow the installation steps outlined in Section 3.

- **Fixture Maintenance:** Adhere to the maintenance schedule for your lighting fixture, including cleaning fans and filters, to ensure proper cooling and operation of the lamp.

## 6. TROUBLESHOOTING

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If you encounter issues with your Philips MSD Platinum 2 R lamp, refer to the following common troubleshooting steps:

- **Lamp Not Igniting:**

- Check if the fixture is receiving power.
- Ensure the lamp is correctly seated in its socket.
- Verify the ballast is functioning correctly.
- The lamp may have reached the end of its life. Replace if necessary.

- **Lamp Flickering or Dim:**

- This can indicate the lamp is nearing the end of its operational life.
- Check for loose connections within the fixture.
- Ensure proper ventilation to prevent overheating.

- **Inconsistent Color:**

- Allow sufficient warm-up time for the lamp to stabilize.
- If the issue persists, the lamp may be faulty or nearing end-of-life.

- **Lamp Shuts Off Prematurely:**

- Check for overheating issues in the fixture (e.g., blocked vents, fan failure).
- Verify the ballast is compatible and functioning correctly.

For persistent issues, consult a qualified lighting technician or contact Philips customer support.

## 7. TECHNICAL SPECIFICATIONS

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Specification	Value
Brand	Philips
Model Number	MSD Platinum 2 R
Light Type	High Intensity Discharge (HID)
Wattage	132 Watts
Voltage	120 Volts
Brightness (Luminous Flux)	5150 Lumens
Rated Life	6000 hours
Shape	Reflector (R)

Material	Platinum
Color	White
Item Weight	1.6 ounces
Product Dimensions	9.05 x 7.36 x 5.31 inches
UPC	737278706630

## 8. WARRANTY AND SUPPORT

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Philips products are manufactured to high standards and are backed by a manufacturer's warranty. The specific warranty period and terms may vary based on your region and point of purchase.

- **Warranty Claims:** For warranty service, please retain your proof of purchase. Contact your retailer or the official Philips support channel for assistance.
- **Technical Support:** For technical inquiries or further assistance, please visit the official Philips lighting website or contact their customer service department.
- **Online Resources:** Additional product information, FAQs, and support documents may be available on the Philips website.