

## Technical Precision ESPRIT II 1000(DX)1500

# Technical Precision Replacement Halogen Light Bulb for Bowens Esprit II 1000(DX)1500 Model User Manual

Model: ESPRIT II 1000(DX)1500

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Technical Precision replacement halogen light bulb, designed for Bowens Esprit II 1000(DX)1500 studio flash units. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product.

## 2. SAFETY INFORMATION

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

- **Disconnect Power:** Always ensure the light fixture is unplugged from the power source before attempting installation, removal, or maintenance of the bulb.
- **Allow Cooling:** Light bulbs, especially halogen types, become extremely hot during operation. Allow the bulb and fixture to cool completely before handling.
- **Handle with Care:** Avoid touching the glass part of the bulb directly with bare hands. Oils from your skin can create hot spots, leading to premature bulb failure. Use a clean cloth or gloves when handling.
- **Correct Voltage and Wattage:** Ensure the replacement bulb's voltage (120V) and wattage (250W) match the requirements of your Bowens Esprit II 1000(DX)1500 unit. Using an incorrect bulb can cause damage to the fixture or the bulb itself.
- **Proper Disposal:** Dispose of old or broken bulbs according to local regulations.

## 3. PRODUCT OVERVIEW

The Technical Precision replacement bulb is a halogen light source designed for specific studio lighting equipment. It provides consistent illumination for photographic and video applications.



Figure 1: Technical Precision Replacement Halogen Light Bulb. This image shows a clear, cylindrical halogen bulb with a screw-in base. The filament is visible inside the inner glass capsule.

## 4. SETUP (INSTALLATION)

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Follow these steps to safely install the replacement light bulb:

1. **Power Off and Unplug:** Ensure the Bowens Esprit II 1000(DX)1500 unit is turned off and completely unplugged from the mains power supply.
2. **Allow to Cool:** If replacing an old bulb, wait until the unit and the old bulb have cooled down completely to avoid burns.
3. **Access Bulb Socket:** Refer to your Bowens Esprit II 1000(DX)1500 manual for specific instructions on how to access the modeling lamp socket. This usually involves removing a protective cover or reflector.
4. **Remove Old Bulb:** Carefully unscrew the old bulb from its socket. If the bulb is broken, use appropriate tools and protective gear to remove any fragments.
5. **Install New Bulb:** Holding the new Technical Precision bulb with a clean cloth or gloves (do not touch the glass directly), gently screw it into the socket until it is finger-tight. Do not overtighten.
6. **Reassemble:** Replace any covers or reflectors that were removed to access the socket.
7. **Test:** Plug the Bowens Esprit II unit back into the power supply and turn it on to test the new bulb.

## 5. OPERATING INSTRUCTIONS

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Once installed, the replacement bulb operates as part of your Bowens Esprit II 1000(DX)1500 studio flash unit. Refer to your Bowens unit's instruction manual for detailed operating procedures, including power adjustments and flash synchronization. The bulb functions as a modeling lamp, providing continuous light to help visualize lighting setups before firing the flash.

## 6. MAINTENANCE

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To ensure optimal performance and extend the life of your bulb:

- **Cleaning:** If the bulb's glass surface becomes dirty, ensure the unit is unplugged and cool. Gently wipe the glass with a clean, dry, lint-free cloth. Avoid using abrasive cleaners or liquids.
- **Inspection:** Periodically inspect the bulb for any signs of damage or discoloration. Replace immediately if damage is observed.
- **Storage:** If removing the bulb for storage, ensure it is cool and store it in its original packaging or a protective container to prevent damage.

## 7. TROUBLESHOOTING

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If the bulb does not light up after installation, consider the following:

- **Check Power:** Ensure the Bowens Esprit II unit is properly plugged into a working power outlet and turned on.
- **Secure Connection:** Verify that the bulb is securely screwed into its socket.
- **Unit Settings:** Confirm that the modeling lamp function on your Bowens unit is enabled and set to an appropriate power level.
- **Bulb Integrity:** Although new, inspect the bulb for any visible damage to the filament or glass.
- **Fixture Issue:** If multiple bulbs fail to work, the issue might be with the Bowens Esprit II unit itself. Consult the unit's manual or a qualified technician.

## 8. SPECIFICATIONS

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| Feature             | Specification                 |
|---------------------|-------------------------------|
| Brand               | Technical Precision           |
| Model Compatibility | Bowens Esprit II 1000(DX)1500 |
| Bulb Type           | Halogen                       |
| Voltage             | 120 Volts                     |
| Wattage             | 250 Watts                     |
| ASIN                | B01GQDCXG8                    |

## 9. WARRANTY AND SUPPORT

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For warranty information or technical support regarding this Technical Precision replacement bulb, please contact the manufacturer directly or refer to the seller's return policy. Keep your purchase receipt as proof of purchase.