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LUCKY HERP UVB 10.0

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Model: UVB 10.0, 23W

1. INTRODUCTION

The LUCKY HERP UVA UVB Reptile Light 10.0 (23W) is a compact fluorescent lamp designed to provide essential ultraviolet radiation for desert-dwelling reptiles. This bulb emits 10% UVB and 30% UVA, simulating natural sunlight environments crucial for your reptile's health and well-being. UVB radiation aids in Vitamin D3 synthesis and calcium absorption, while UVA stimulates appetite, digestion, and natural behaviors.

This manual provides detailed instructions for the safe and effective use of your LUCKY HERP reptile light.

2. SAFETY INFORMATION

- **Electrical Safety:** Ensure the fixture used is compatible with the bulb's wattage (23W) and voltage (120V). Overloading a fixture can lead to fire hazards.
- **UV Radiation:** While beneficial, direct prolonged exposure to UV radiation can be harmful to human eyes and skin. Avoid looking directly at the illuminated bulb.
- **Placement:** Position the bulb securely in a suitable dome fixture. Ensure it is out of reach of pets and children.
- **Handling:** Always handle the bulb by its base. Avoid touching the glass spiral to prevent damage or reduced lifespan.
- **Disposal:** Dispose of fluorescent bulbs according to local regulations, as they may contain small amounts of mercury.

3. SETUP

1. **Unpacking:** Carefully remove the LUCKY HERP UVA UVB Reptile Light from its packaging. Inspect the bulb for any signs of damage.
2. **Fixture Compatibility:** Ensure your lamp fixture has an E26 base and is rated for at least 23 watts.
3. **Installation:** Gently screw the bulb into the lamp fixture's socket until it is finger-tight. Do not overtighten.
4. **Placement:** Position the fixture above your reptile's enclosure, ensuring the bulb is at an appropriate distance from your reptile to provide optimal UV exposure without causing harm. Refer to the UVB/UVA output chart in the

specifications section for guidance.



Figure 1: LUCKY HERP UVA UVB Reptile Light 10.0 (23W) and its packaging.



Figure 2: Physical dimensions of the bulb, showing 2.4 inches width and 5.7 inches height.

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Video 1: Unboxing and close-up view of the LUCKY HERP UVB 10.0 23W reptile light bulb, demonstrating its physical appearance and E26 base.

4. OPERATING INSTRUCTIONS

- **Photoperiod:** Provide a consistent light cycle, typically 10-12 hours of light per day, mimicking natural daylight hours.
- **Distance:** The effective range for UVB output varies with distance. Consult the UVB/UVA output chart to ensure your reptile receives adequate exposure.
- **Supplementation:** While this bulb provides essential UV, ensure your reptile's diet is also appropriately supplemented with calcium and other necessary vitamins.

23W UVB 10.0

Reptile Light Bulb



4"

UVB $155\mu\text{w}/\text{cm}^2$
UVA $420\mu\text{w}/\text{cm}^2$

12"

UVB $32\mu\text{w}/\text{cm}^2$
UVA $85\mu\text{w}/\text{cm}^2$



Figure 3: Chart showing UVB output at 4 inches ($155\mu\text{W}/\text{cm}^2$) and 12 inches ($32\mu\text{W}/\text{cm}^2$) from the 23W UVB 10.0 bulb.



Figure 4: Visual representation of the bulb providing 10% UVB and 30% UVA, essential for Vitamin D3 production and calcium absorption in reptiles.

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Video 2: Demonstration of the UVA UVB Reptile Light Bulb in an enclosure, highlighting its effect on a ball python and the importance of supplemental lighting for visible brightness.

5. MAINTENANCE

- **Cleaning:** Periodically wipe the bulb with a dry, soft cloth to remove dust or debris that may obstruct UV output. Ensure the bulb is cool and unplugged before cleaning.
- **Replacement:** The UVB output of fluorescent bulbs degrades over time, even if the visible light remains. It is recommended to replace the LUCKY HERP UVA UVB Reptile Light every 6 to 12 months to ensure consistent and effective UVB radiation.

6. TROUBLESHOOTING

Light Not Turning On:

- Check if the bulb is securely screwed into the fixture.
- Verify that the power outlet is functional.
- Ensure the fixture itself is working by testing it with another compatible bulb.
- If the bulb is old, it may have reached the end of its lifespan and requires replacement.

Flickering Light:

- Flickering can indicate an aging bulb that needs replacement.
- Ensure the bulb is fully screwed in and making proper contact.
- Check for voltage fluctuations in your electrical supply.

If issues persist after attempting these steps, please contact LUCKY HERP customer service for further assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	LUCKY HERP
Model Name	23W 10.0 UVA UVB Reptile Bulb
Style	UVB10.0 23W
Light Type	Compact Fluorescent Lamp (CFL)
Wattage	23 Watts
Voltage	120 Volts
Bulb Base	E26
UVB Output	10%
UVA Output	30%
Color Temperature	6000 Kelvin
Brightness	1265 Lumens
Average Life	8000 - 12000 Hours (UVB lifespan up to 1 year)
Product Dimensions	2.4"W x 5.7"H
Material	Glass

8. WARRANTY AND SUPPORT

LUCKY HERP is committed to providing excellent customer experience. If you encounter any issues or have questions regarding your UVA UVB Reptile Light, please contact LUCKY HERP customer service. We recommend replacing the bulb every 6 to 12 months to ensure continuous effective UVB output.

For support, please refer to the contact information provided on the product packaging or visit the official LUCKY HERP website.

