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› LUCKY HERP T8 UVB 5.0 Fluorescent Reptile Lamp - 24 inch, 18W Instruction Manual

LUCKY HERP T8 18W

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Instruction Manual

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your LUCKY HERP T8 UVB 5.0 Fluorescent Reptile Lamp. This 24-inch, 18W bulb is designed to provide essential UVA and UVB radiation for the health and well-being of tropical and subtropical reptiles and amphibians. Proper use of this lamp supports vitamin D3 synthesis, calcium absorption, and natural behaviors in your pets.

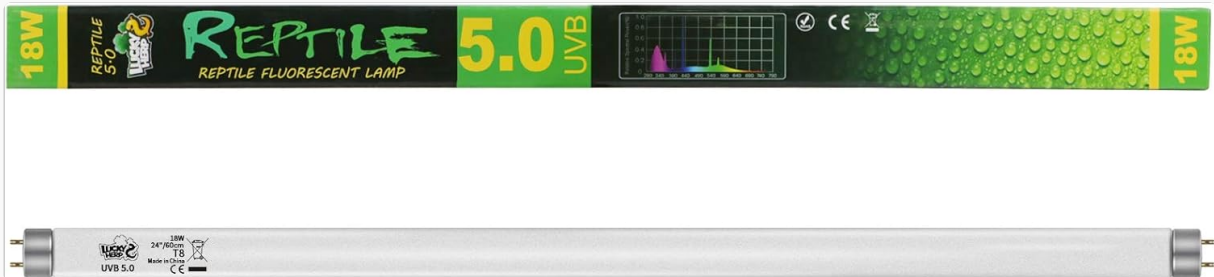


Image 1: LUCKY HERP T8 UVB 5.0 Fluorescent Reptile Lamp and its packaging.

2. SAFETY INFORMATION

- Always ensure the lamp is securely installed in a compatible fixture before connecting to power.
- Do not touch the lamp with bare hands during operation or immediately after turning off, as it may be hot.
- Avoid direct eye exposure to the UV light.
- Keep the lamp away from water and excessive moisture.
- Replace the lamp annually, even if it appears to be working, as UVB output diminishes over time.
- Dispose of old fluorescent lamps according to local regulations for hazardous waste.

3. PRODUCT FEATURES

- **Simulates Natural Sunlight:** Helps increase appetite, promotes natural activities, and induces reproductive behavior in reptiles.
- **Essential UVB and UVA Output:** Provides stable 5% UVB and UVA output, crucial for vitamin D3 synthesis and calcium absorption.
- **Safe for Reptiles:** Designed with no harmful UVC output, ensuring the safety of your pet's eyes and skin.
- **High Quality Construction:** Manufactured with durable glass materials and tested for reliability.
- **Long Lifespan:** Rated for up to 10,000 hours of use.



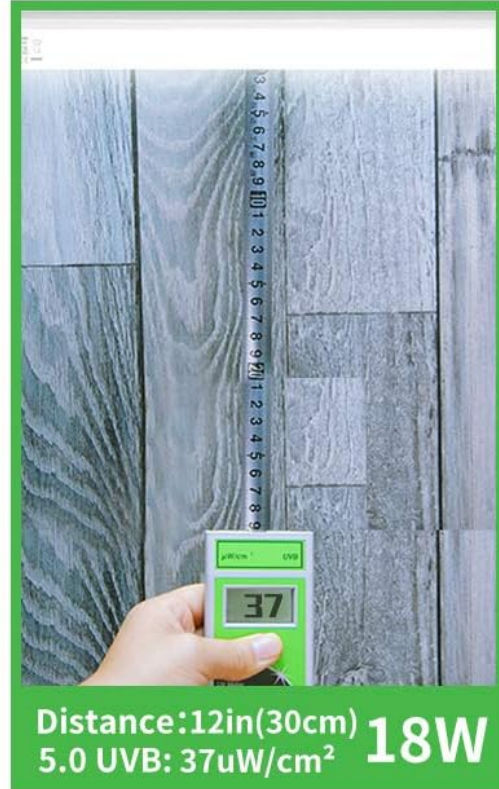
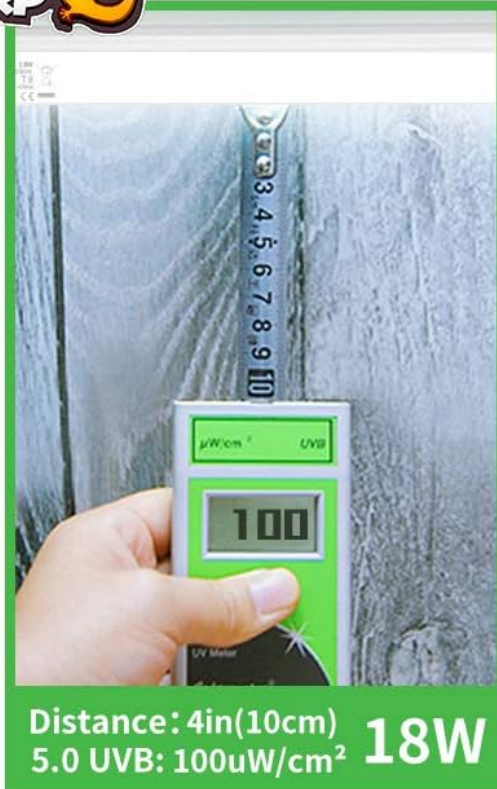
Image 2: The lamp features safe packaging and is constructed from high-quality glass materials.

4. SPECIFICATIONS

Attribute	Value
Brand	LUCKY HERP
Model Name	18W T8 UVB 5.0 Reptile Light
Light Type	Fluorescent
Wattage	18 Watts
Bulb Shape Size	T8
Product Dimensions	24 x 1 x 1 inches
Material	Glass
Average Life	10,000 Hours
UVB Output	5%
UVA Output	Stable UVA output (approx. 30%)



UVB INDEX



Wattage (W)	14W		15W		18W		30W		36W	
Distance (inch)/(cm)	4inch 10cm	12inch 30cm	4inch 10cm	12inch 30cm	4inch 10cm	12inch 30cm	4inch 10cm	12inch 30cm	4inch 10cm	12inch 30cm
UVB (uW/cm ²)	100 uW/cm ²	28 uW/cm ²	100 uW/cm ²	32 uW/cm ²	100 uW/cm ²	37 uW/cm ²	110 uW/cm ²	45 uW/cm ²	110 uW/cm ²	53 uW/cm ²

Image 3: Size details for T8 fluorescent lamps, indicating the 24-inch, 18W model.

5. SETUP AND INSTALLATION

- Unpack the Lamp:** Carefully remove the fluorescent lamp from its packaging. Inspect for any damage.
- Prepare the Fixture:** Ensure your reptile lighting fixture is compatible with T8 fluorescent bulbs and is rated for 18W. Disconnect the fixture from the power source before installation.
- Insert the Lamp:** Align the pins on both ends of the fluorescent lamp with the sockets in the fixture. Gently push and twist the lamp until it is securely seated. Do not force the lamp into the sockets.
- Position the Fixture:** Place the fixture in a suitable location above your reptile's enclosure, ensuring proper distance for optimal UVB exposure (refer to Section 6 for UVB Index).
- Connect Power:** Once the lamp is securely installed, connect the fixture to a power outlet.

6. OPERATING INSTRUCTIONS

The LUCKY HERP T8 UVB 5.0 lamp is designed to simulate natural sunlight, providing essential UVA and UVB radiation. For most tropical and subtropical reptiles, a photoperiod of 10-12 hours per day is

recommended. Consult specific care sheets for your reptile species to determine the ideal duration.

UVB Index and Distance Guidelines

The intensity of UVB radiation decreases with distance. Refer to the table and image below for approximate UVB output at different distances for the 18W T8 UVB 5.0 lamp. Adjust the lamp's height to achieve the appropriate UVB zone for your reptile.



Image 4: UVB Index measurements for an 18W T8 UVB 5.0 lamp at different distances.

Wattage	Distance	UVB ($\mu\text{W}/\text{cm}^2$)
18W	4 inches (10cm)	100
18W	12 inches (30cm)	37

The T8 UVB 5.0 bulb is suitable for all tropical and subtropical reptiles, such as chameleons, turtles, and other lizards. For desert-dwelling reptiles, a T8 UVB 10.0 bulb may be more appropriate.



Image 5: Comparison of T8 UVB 5.0 and T8 UVB 10.0 bulbs for different reptile habitats.



Image 6: Benefits of 5% UVB for reptile health.

7. MAINTENANCE

To ensure your reptile receives adequate UVB radiation, it is crucial to replace the fluorescent lamp annually. While the lamp may continue to emit visible light beyond this period, its UVB output significantly diminishes, rendering it ineffective for your pet's health needs. Mark your calendar for replacement to maintain optimal conditions.

8. TROUBLESHOOTING

- **Lamp does not turn on:**

- Check if the fixture is properly plugged into a working power outlet.
 - Ensure the lamp is correctly seated in the fixture's sockets.
 - Verify that the fixture itself is functioning by testing with another known working bulb, if available.
 - The lamp may have reached the end of its lifespan and requires replacement.
- **Lamp flickers or dims:**
 - This can indicate the lamp is nearing the end of its operational life.
 - Ensure stable power supply to the fixture.

9. WARRANTY AND SUPPORT

LUCKY HERP provides a 1-month quality assurance service for this product. If you encounter any issues or have questions regarding your lamp, please contact LUCKY HERP customer support for assistance. Timely communication can help resolve any problems efficiently.



Image 7: Customer support and warranty information.