REPTITRIP UVL202

REPTITRIP 8-INCH LED UVB Light for Reptiles Instruction Manual

Model: UVL202
Brand: REPTITRIP

1. PRODUCT OVERVIEW

The REPTITRIP 8-INCH LED UVB Light is designed to provide essential UVB and UVA light for reptiles, mimicking natural sunlight without harmful rays. UVB is crucial for calcium absorption and preventing bone deformities in reptiles. This energy-efficient 8W LED fixture features a controller with dimming capabilities and four UVI modes (M1/M2/M3/M4) to cater to various environmental needs, covering Ferguson zones 1-4. It also includes a manual mode (M0) for customized light intensity. Constructed from durable aluminum alloy, it offers efficient heat dissipation and a long service life of over 7,000 hours. The light emits a cool white light at 6500K, promoting animal vitality.

Figure 1: The REPTITRIP 8-inch LED UVB light fixture and its integrated controller.

2. WHAT'S INCLUDED

Your REPTITRIP LED UVB Light package includes the following components:

- LED UVB Light Fixture with integrated controller
- Hanging Plate
- Screw and Nut Kit
- Self-Tapping Screw
- Wall Anchor

3. SETUP AND INSTALLATION

The REPTITRIP LED UVB Light offers versatile installation options to suit various reptile enclosures:

1. **On Tank Mesh:** Use the included brackets to mount the light directly on top of the tank's mesh lid.

2. **Underneath Tank Mesh:** Utilize the provided clips to hang the light inside the enclosure, suspended from the mesh.

3. **Suspended from Wooden Board:** For custom setups, the light can be suspended from a wooden board using the appropriate screws and anchors.
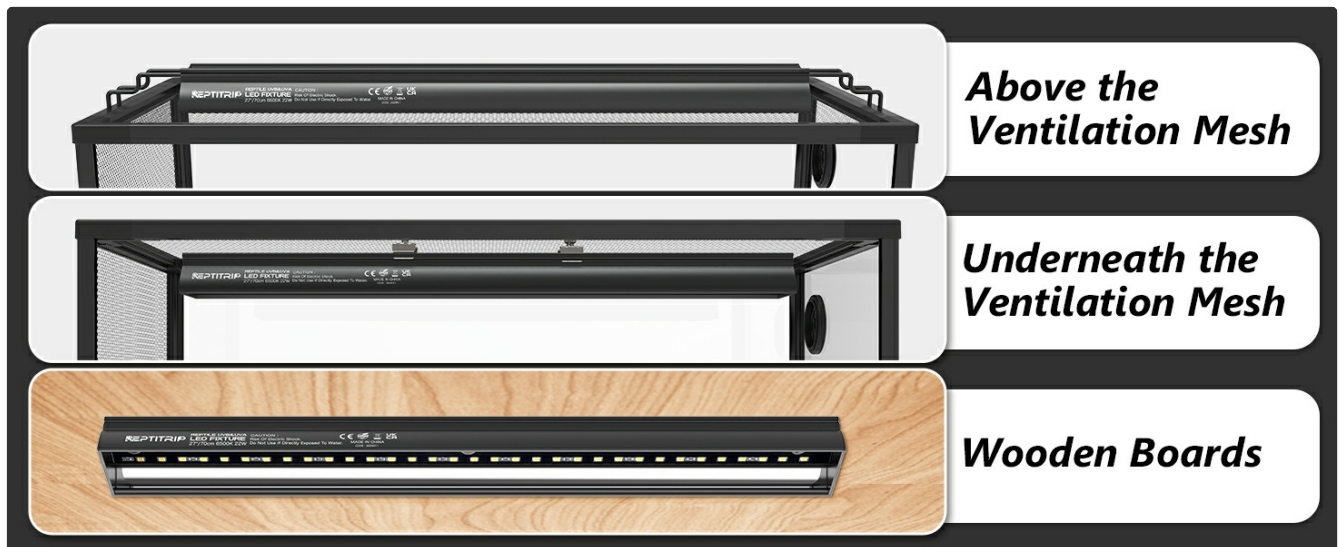

Figure 2: Various installation methods for the light fixture.

Ensure the light is securely mounted and positioned to provide optimal UVB exposure for your reptile, considering the recommended Ferguson zones for your specific species.

4. OPERATING INSTRUCTIONS

The integrated controller allows for precise control over the light's intensity and UVI modes.

4.1. Controller Functions

- **Display:** Shows current time, selected mode (M0-M4), and light intensity percentage.
- **'+' / '-':** Adjusts light intensity in M0 mode or navigates settings.
- **SET:** Enters settings menu to configure time and modes.
- **OK:** Confirms selections.
- **Power Button:** Turns the light on/off.

Figure 3: Detailed view of the light controller.

4.2. UVI Modes (M1-M4)

The controller offers four pre-programmed UVI modes that automatically adjust light and UVB intensity to simulate sunrise and sunset, catering to different reptile needs (Ferguson zones 1-4). Consult the included user manual for specific reptile species and their recommended Ferguson zones.

- **M1 Mode:** Designed for crepuscular reptiles.
- **M2 Mode:** Suitable for occasional baskers.
- **M3 Mode:** Ideal for open sun baskers.
- **M4 Mode:** For mid-day sun baskers.

M1-M4 Modes (No heating effect)
Meet the UV Needs of Reptiles

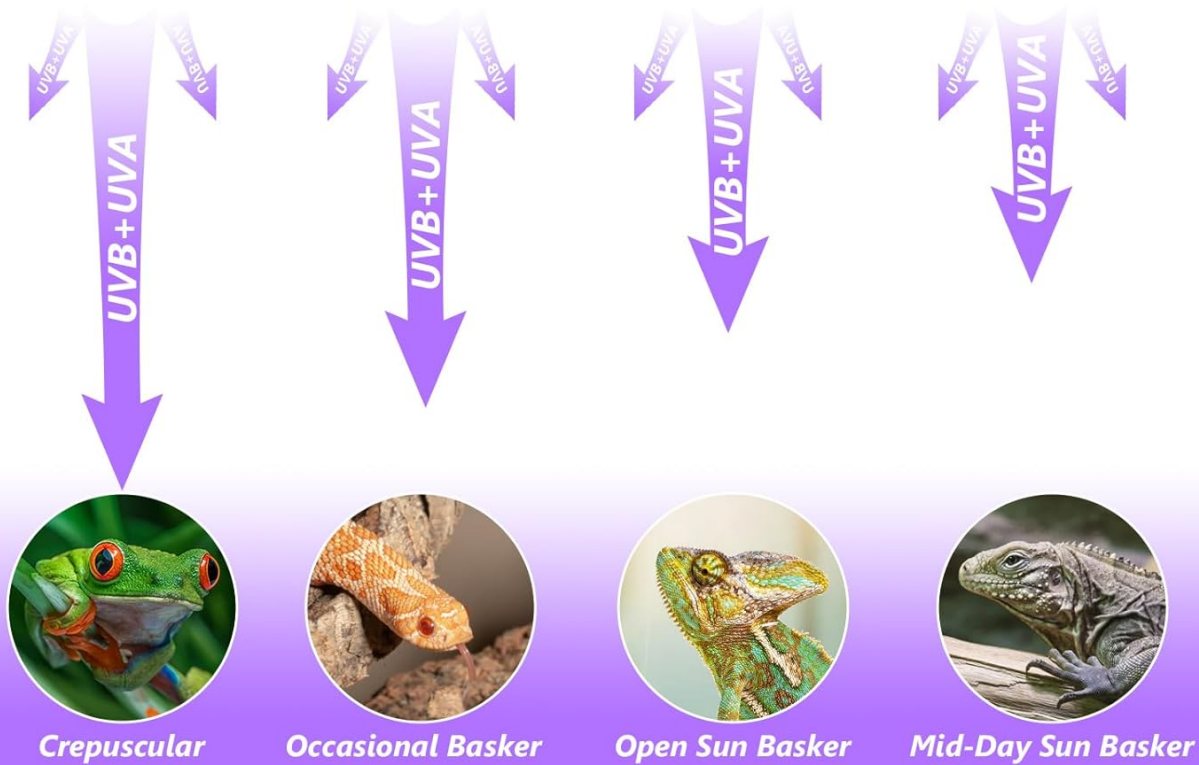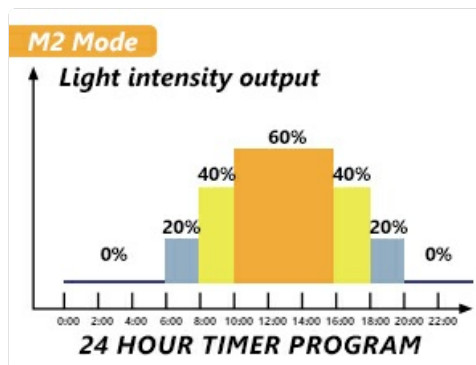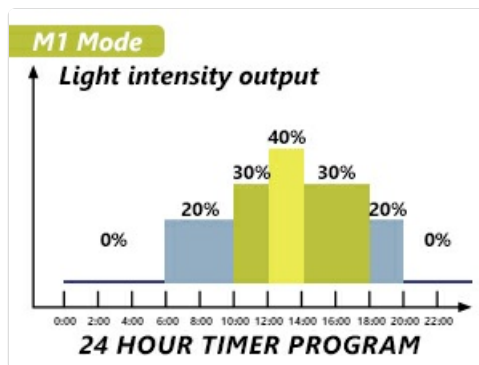*Automatically Adjust Light/UVB Intensity to Simulate Sunrise and Sunset*

Crepuscular   **Occasional Basker**   **Open Sun Basker**   **Mid-Day Sun Basker**

Figure 4: Overview of the four UVI modes and their intended use.

M1 Mode — Light intensity output

0% | 20% | 30% | 40% | 30% | 20% | 0%

24 HOUR TIMER PROGRAM

M2 Mode — Light intensity output

0% | 20% | 40% | 60% | 40% | 20% | 0%
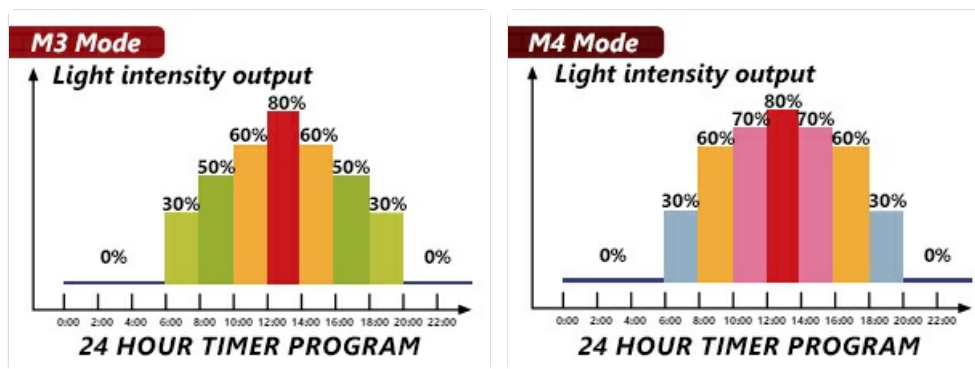
24 HOUR TIMER PROGRAM

Figure 5: 24-hour timer programs for M1, M2, M3, and M4 modes.

4.3. Manual Mode (M0)

In M0 mode, you can manually customize the light intensity to meet your pet's specific needs. Use the '+' and '-' buttons to adjust the brightness. To set the night light brightness to 0 in M1/M2/M3/M4 modes, press and hold both the '+' and '-' buttons simultaneously.

Figure 6: Customizing UVI and brightness in M0 mode.

Important Note: The LED light emits cool white light and does not generate physical heat. If heating is required for your reptile, it should be used in conjunction with a reptile heating pad or heating lamp.

5. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	REPTITRIP
Model Name	UVL202
Light Type	LED (UVB LED)
Special Feature	Dimmable, Energy Efficient
Wattage	8 Watts
Light Color	Cool White
Color Temperature	6500 Kelvin
Voltage	120 Volts
Material	Aluminum
Product Dimensions	1.95 x 7.87 x 1.05 inches
Item Weight	15.5 ounces (0.44 Kilograms)
Control Method	Touch (Controller)
Average Life	7000 Hours
Indoor/Outdoor Usage	Indoor

LED Beads * 18

UVA Beads * 6

UVB Beads * 2

7.8 "

1 "

1.9 "

8W

Figure 7: Product dimensions.

6. Maintenance

To ensure the longevity and optimal performance of your REPTITRIP LED UVB Light, follow these general maintenance guidelines:

- **Cleaning:** Gently wipe the light fixture with a soft, dry cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Placement:** Ensure the light is placed in a well-ventilated area to prevent overheating, although the aluminum design aids in heat dissipation.
- **Inspection:** Periodically check the power cord and connections for any signs of damage. If any damage is found, discontinue use and contact customer support.
- **Lifespan:** The LED beads have an average lifespan of 7,000 hours. While individual LEDs may last longer, consistent UVB output is crucial for reptile health. Consider replacing the fixture after prolonged use to ensure effective UVB delivery.

7. TROUBLESHOOTING

If you encounter issues with your REPTITRIP LED UVB Light, consider the following:

- **Light Not Turning On:** Check if the power adapter is securely plugged into both the light fixture and a working power outlet. Ensure the power button on the controller is pressed.
- **Incorrect UVI Output:** It is recommended to use professional equipment to test UVB data. UVB cards may not provide accurate results. Ensure the light is positioned at the correct distance for your reptile's specific Ferguson zone.
- **Controller Display Issues:** If the display is not functioning correctly, try unplugging and re-plugging the power adapter to reset the unit.
- **Light Intensity Not Changing:** Ensure you are in M0 (manual) mode when attempting to adjust brightness with the '+' and '-' buttons.

For further assistance, please refer to the Warranty & Support section.

8. WARRANTY & SUPPORT

For any product inquiries, technical support, or warranty claims, please contact REPTITRIP customer service. You can find more information and contact details by visiting the official REPTITRIP Store:

Visit the REPTITRIP Store on Amazon

Please retain your proof of purchase for any warranty-related services.