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HZ019 USER MANUAL

Hygger zoo HO LED UVB Reptile Light Fixture



1. PRODUCT INTRODUCTION

Hygger Zoo HO LED UVB Reptile Light Fixture is specifically engineered for reptiles, simulating natural sunlight's UVB and UVA rays. Your pets will enjoy natural light in the comfort of their own home and feel like they are in the wild. This indoor lighting solution provides essential UVB/UVA radiation for reptile pets like lizards and tortoises, facilitating vitamin D3 synthesis to help metabolize dietary calcium and regulate their metabolic processes. By supporting calcium absorption and physiological balance, it ensures your reptiles maintain healthy biological functions in captive environments.

2. PRODUCT PARAMETERS

Input Voltage: AC 120V 60Hz

Power: 5W

Light Source: LED

Operating Temperature: -20 °C to 80 °C

Lifespan: 20,000 hours

Spectrum: UVB + UVA + Visible Light

White Light Color Temperature: 4,300 Kelvin

UVB Radiation at 4.7 inches: 85 $\mu\text{W}/\text{cm}^2$

Applicable for: Bearded Dragons, Chameleons, Tortoises, Turtles, Snakes, Frogs, Caecilians, etc.

3. PRODUCT FEATURES

1.Comprehensive Functionality: Designed for multi-environment use, it offers 5 adjustable UVB modes tailored to reptiles' needs (UVB2.0 – UVB5.0 – UVB10.0 – UVB12.0 – Night Mode).

2.Energy Efficiency: Equipped with high-efficiency LED beads as the light source, delivering 2-3 times greater luminous efficacy than traditional compact fluorescent lamps at the same power level.

3.Extended Lifespan: LED beads inherently last longer. The aluminum housing enhances heat dissipation, reducing operating temperatures and slowing LED luminous decay for prolonged durability.

4.Optimized Spectral Design: UVA/UVB ratios closely mimic natural sunlight. Full-spectrum LEDs employ a warm white 4300K color temperature, providing gentler and more comfortable illumination compared to fluorescent lamps' harsh 6500K output.

5.Enhanced Electrical Safety: Low operating voltage and power consumption minimize circuit board stress, ensuring stable and secure performance during operation.

4. INSTALLATIONS

Step 1 Preparations

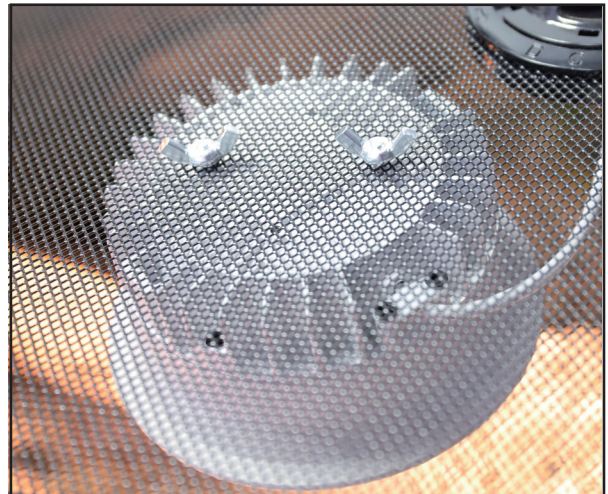
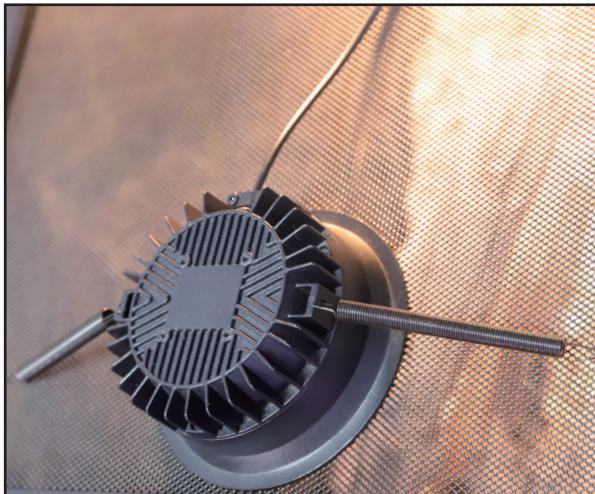
- 1.Ensure the light fixture is powered off before operation.
- 2.Verify the light fixture is intact and undamaged.

Step 2 Installation Steps

- 1.Before connecting to power, attach the adapter plug to the controller interface of the light fixture.
- 2.Position the lamp housing on the reptile terrarium, maintaining a recommended distance of 12-18 inches (30-45 cm) from the terrarium bottom.

Step 3 Light Fixture Installation Guidelines

- 1.After positioning the light fixture horizontally on the mesh cover, secure it in place by embedding the tension springs through the mesh. (The fixture can be installed either above or below the mesh).



Controller Instructions

UVB Mode Adjustment Button

Press it to select UVB mode you need:

- UVB 2.0: for reptiles that are not sensitive to sunlight and do not need much UVB.
- UVB 5.0: for rainforest reptiles.
- UVB 10.0: for desert reptiles.
- UVB 12.0: for desert reptile (need much UVB).
- NIGHT: for nighttime use.
(UVB modes contain both UVA and UVB rays, NIGHT mode contains few UVA, not UVB.)



Timer Adjustment Button

Press it to set the timer cycle time: The light will be automatically turned on at the same time every day, and turned off after 6/8/10/12H. But 24H means lighting all the time, that is, the light is not automatically turned off. (NOTE: The light will automatically restart the next day, but delay for 3 to 5 seconds to light up; Besides, it needs to be reset after power failure.)

On/off Button

5. USAGE GUIDELINES

1.Usage Duration: It is recommended to operate the light for 8-12 hours daily. Adjustments can be made based on the specific needs of your reptile.

2.Regular Replacement: Periodically inspect the LED UV light for damage or spectral decay to ensure adequate UVB exposure for your pet. After one year of use (equivalent to 3,600 operational hours), the UVB radiation levels decrease by approximately 15%. Replace the lighting source according to the UVB supplementation requirements of your reptile(s).

6. PRECAUTIONS

1.Moisture Prevention: This product is not waterproof. Avoid use in humid environments and prevent contact with water sources.

2.Heat Generation: Like most COB light source fixtures on the market, this product will generate heat during operation. A casing temperature of up to 122°F/50°C is normal.

3.Child Safety: Install the fixture in a location inaccessible to children.

7. PACKING LIST

1x UVB LED Reptile Light Fixture
1x Adapter Cable Connector
1x Controller Cable Connector
2x Screw
2x Spring
1x User manual

8. DISPOSAL

Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product has to be disposed of at an authorized place for the recycling of electrical and electronic appliances rather than being disposed of together with the domestic waste. Collecting and recycling waste is a way of saving natural resources. So, please consult with your local seller to make sure the product is disposed of in an environmentally friendly way.



9. ONE YEAR LIMITED WARRANTY

This product **MUST** be purchased from an authorized Hygger-zoo reseller. Visit our website for a list of authorized resellers. Hygger-zoo warrants this product against defects in materials and workmanship for ONE(1) YEAR from the date of the original retail purchase and is non-transferable.

Warranty on all products, including aquariums. But it is limited to the replacement of the products and does not cover fish loss, personal injury, property loss or direct, incidental or consequential damage caused by using this product.

Note: Hygger-zoo One-year Limited Warranty does not cover damage caused by the followings: improper installation, saltwater corrosion, electrical surges or modifications. Additionally, products that have been refunded are also not covered under the warranty.

If you discover a defect, please contact Hygger-zoo, who will, at it's option, repair or replace the product at no charge, provided that you return it during the warranty period. A copy of the bill of sale is required as a proof of the original purchase date in the event of the product needing repairs within the warranty period. Hygger-zoo does not warrant any products that aren't Hygger-zoo's.

This warranty does not apply if the product has been damaged by accident, abuse, misuse or misapplication, or modified without the written permission of Hygger-zoo.

10. CONTACT INFORMATION

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