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HZ037 USER MANUAL

Hygger zoo LED UVB Light for Reptiles



Hygger zoo LED UVB Lights are specially designed for reptiles, simulating the irradiation of UVB and UVA from natural sunlight and providing UVB and UVA light for lizards and turtles indoors. To promote the synthesis of Vitamin D3 in reptile pets, convert the calcium obtained from food, improve the metabolism in the body, and maintain the normal physiological activities of reptile pets.

1. PRODUCT SPECIFICATIONS

Voltage: 110-130V

Light head model: E26

Operating temperature: - 20°C to 80°C

Service life: 10000 Hours

Power: (5.0) 4.5W; (10.0) 5.0W

Spectrum: UVB+ UVA+ Visible light

Color temperature: 4500K

2. PRODUCT FEATERS

Highly Efficient and Energy-saving: With efficient and energy-saving LED bulbs as illuminants, their luminous efficiency is 2-3 times of traditional compact fluorescent lamps. At the same time, the brightness is equivalent to the 10W compact fluorescent lamps.

Longer Service Life: LED bulbs have a longer service life. In addition, heat dissipation design of aluminum cover significantly reduce the working temperature of the light board, and prolong the light decay speed of LED bulbs, ensuring longer service life.

Scientific Light Bulb Configuration: The content of UVA and UVB in the bulbs is similar to the ratio of natural sunlight. The warm white 4500K color temperature used in white beads is softer and more comfortable than the 6500K color temperature of fluorescent lamps.

Maximum Electrical Safety: The LED bulbs operate at low voltage and consume less power. The circuit board is not easily damaged, ensuring maximum stability and safety during operation.

3. INSTRUCTIONS

(1)Duration of use: 8-12 hours per day is recommended, and the time can be adjusted as needed.

(2)Distance adjustment: Check the Ferguson Zone where your reptiles belong and select the appropriate installation place and distance according to the distance-UVI value table below.

Ferguson zone	UVI range (reference)	Peak UVI of the basking spot (reference)
Zone 4	2.6 - 3.5	4.5 - 9.5+
Zone 3	1.4 - 2.6	2.9 - 7.4
Zone 2	0.7 - 1.4	1.1 - 3.0
Zone 1	0 - 0.7	0.6 - 1.4

5.0 LED UVB light is recommended for use on reptiles classified as Zone 1, Zone 2, and Zone 3 in tropical rainforest.

Test Distance	UVI at Test Distance	Peak UVI in Test Area	Recommended Ferguson Zone
Distance ≤ 4 in: Extreme UVI Danger Areas. It is recommended that the reptiles be at least 4 inches away from the 5.0 UVB light.			
4" - 7"	2.6 - 3.5	7	Zone 4
7" - 11"	1.4 - 2.6	5	Zone 3
11" - 15"	0.7 - 1.4	2	Zone 2
15" - 20"	0 - 0.7	1	Zone 1

10.0 LED UVB light is recommended for use on reptiles classified as Zone 3 and Zone 4.

Test Distance	UVI at Test Distance	Peak UVI in Test Area	Recommended Ferguson Zone
Distance ≤ 8 in: Extreme UVI Danger Areas. It is recommended that the reptiles be at least 8 inches away from the 10.0 UVB light.			
8" - 12"	2.6 - 3.5	7.2	Zone 4
12" - 16"	1.4 - 2.6	5	Zone 3
16" - 20"	0.7 - 1.4	2	Zone 2
20" - 23"	0 - 0.7	1	Zone 1

Note: The above data is based on tests under standard conditions (25°C). The actual values may fluctuate slightly due to ambient temperature and voltage stability.

(3)Regular replacement: Check the LED UVB light regularly for damage or spectral degradation to ensure your pets receive adequate UVB exposure. The UVB radiation level of this product decreases by about 18% after one year of use (3,600 hours of operation). Therefore, check when you need to replace the additional light source according to the additional light requirements of the reptile you keep.

4. ATTENTIONS

(1)Make sure the bulb is disconnected from power supply when installing and replacing the bulbs.

(2)As with the COB light source in the market, this bulb may dissipate heat during operation, it is normal for the temperature of the aluminum cover to reach about 122°F/50°C.

(3) This LED UVB light is designed for reptiles and is unsuitable for home lighting.

5. PACKING LIST

1x LED UVB Light

1x User Manual

6. 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 rather than being disposed of together with the domestic waste. Collecting and recycling waste is a way of saving natural resources, and make sure the product is disposed of in an environmentally friendly way.



7. ONE YEAR LIMITED WARRANTY

For this product, Hygger zoo offers one-year guarantee for free. If you discover a defect, please contact Hygger zoo, who will, at its 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 proof of the original purchase date if the product needs repairs within the warranty period. Hygger zoo One-year Limited Warranty does not cover damage caused by the following:

- 1) Artificial damage
- 2) Improper use or maintenance
- 3) Modifications or repairs without the written permission of Hygger zoo

If you have any other questions regarding warranty service or product use, please contact us at service@hyggerzoo.com upon presentation of proof of purchase and product information, and we will solve the problem for you as quickly as possible.

We reserve the right of final interpretation regarding the warranty coverage of this product.

8. CONTACT INFORMATION

Distributed by: Hygger Aquarium, Inc.

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