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HZ043 USER MANUAL

Hygger zoo T5 HO UVB Light Fixture



The Hygger zoo T5 HO UVB Light Fixture is 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

Input voltage: AC 120V 60Hz

Working temperature: - 15°C to 70°C

Service life: 10000 hours

Power: 8W (12 inches); 24W (22 inches)

Light type: T5 Fluorescent lamp

Spectrum: 10% UVB+ 30% UVA+ Visible light

Color temperature: 6000K

Suitable pets: Bearded Dragons, Chameleons, Turtles, Snakes, Frogs, Caecilians, etc.

2.INSTALLATION INSTRUCTIONS

Part 1 Installation Precautions

- 1)Inspect the light fixture and tube for any damage.
- 2)Remove the blue protective film from the reflecting mirror.
- 3)Ensuring a proper light gradient within the reptile enclosure allows reptiles to choose their preferred level freely.

The 12-inch T5 HO UVB Light Fixture is recommended for 10-50 Gallon Horizontal Terrariums or 10-67 Gallon Arboreal Terrariums.

The 22-inch model is suitable for 40-86 Gallon Horizontal Terrariums or 60-100 Gallon Arboreal Terrariums.

Part 2 Installation Procedures

- 1)Fully insert the metal ends of the fluorescent tube into the lamp holder's mounting slots, then grip both ends and rotate downward by 90 degrees.
- 2)Connect the power cord's "kettle plug" to the "kettle cord" on either end of the light.
- 3)Before connecting to power, ensure the switch on the power supply is in the "OFF" position (i.e., the end with the raised bar is lifted upward).
- 4)Distance Adjustment: Determine the Ferguson Zone classification of your reptile's native habitat, then refer to the following Distance-UVI value chart to select the appropriate mounting height and UVB level.

Ferguson Zone	Ambient UVI Range (Active Zone) (Reference)	Peak UVI Level (Basking Zone) (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

12" 8W T5 HO UVB Light Fixture

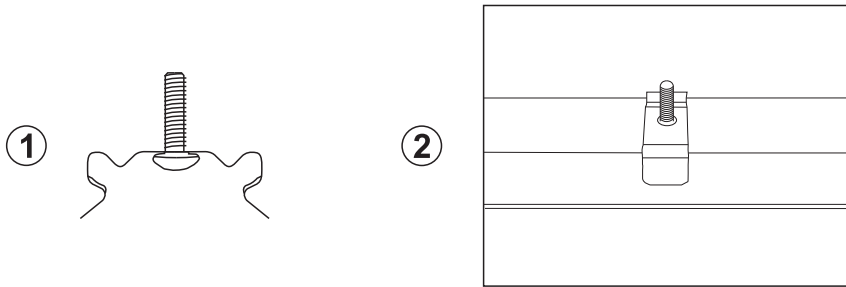
Ferguson Zone	Recommended distance (Vertical)	UVI Range (Test Zone)	UVI Level of Specific distance ($\mu\text{W}/\text{cm}^2$)
▲DANGER: High UVI risk at distances ≤ 6 inches			
Zone 4	3" - 8"	3.0 - 7.4	140 $\mu\text{W}/\text{cm}^2$ (8")
Zone 3	8" - 16"	1.9 - 5.0	50 $\mu\text{W}/\text{cm}^2$ (16")
Zone 2	16" - 22"	0.8 - 2.7	30 $\mu\text{W}/\text{cm}^2$ (22")
Zone 1	22" - 30"	0.2 - 1.3	8 $\mu\text{W}/\text{cm}^2$ (30")

22" 24W T5 HO UVB Light Fixture

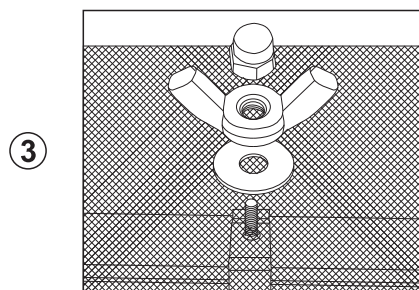
Ferguson Zone	Recommended distance (Vertical)	UVI Range (Test Zone)	UVI Level of Specific distance ($\mu\text{W}/\text{cm}^2$)
▲DANGER: High UVI risk at distances ≤ 5 inches			
Zone 4	5" - 12"	3.2 - 7.8	170 $\mu\text{W}/\text{cm}^2$ (8")
Zone 3	12" - 18"	2.1 - 5.2	80 $\mu\text{W}/\text{cm}^2$ (18")
Zone 2	18" - 24"	1.0 - 3.0	50 $\mu\text{W}/\text{cm}^2$ (24")
Zone 1	24" - 32"	0.3 - 1.5	8 $\mu\text{W}/\text{cm}^2$ (32")

Part 3 Installation Instructions for Under the Mesh

1) Insert the long screw upwards into the buckle and embed the buckle at both ends into the top cover of the light.



2) Place the light in an appropriate position on the mesh cover of the reptile terrarium, and install the gasket, butterfly nut, and nut cover on the bolt in turn.



3.INSTRUCTIONS

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

2)**Replacement cycle:** Although the light has an expected life of 10,000 hours, it is recommended to replace the light every 6-12 months to ensure optimal UVB output.

4.ATTENTIONS

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

2)**Electrical Safety:** Always disconnect power before installation or maintenance to prevent electrical hazards.

3)**Keep Children Away:** Install the light in a location inaccessible to children.

5.PACKING LIST

1x T5 HO UVB Light Fixture

1x Accessory kit

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 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.



7.SIX-MONTH LIMITED WARRANTY

For this product, Hygger zoo offers six-month 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 Six-month 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 zoo@hygger-online.com upon presentation of proof of purchase and product information, and we will solve the problem for you as quickly as possible.

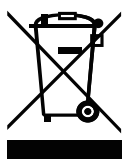
We reserve the right of final interpretation regarding the warranty coverage of this product.

8.CONTACT INFORMATION

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