

Exo Terra PT2334

Exo Terra Solar Glo Sun Simulating Lamp 80W

Instruction Manual

INTRODUCTION

The Exo Terra Solar Glo is a self-ballasted mercury vapor reptile bulb designed to provide the essential benefits of natural sunlight. This lamp integrates ultraviolet light (UVA and UVB), visible light, and infrared light (heat) into a single, easy-to-install unit. It is formulated to support reptile appetite, activity levels, vibrant coloration, and optimal calcium absorption through Vitamin D3 production.

SAFETY INFORMATION

- Always use a ceramic lamp holder designed for high wattage bulbs. Standard plastic lamp holders may melt or pose a fire hazard.
- Ensure the lamp is securely screwed into the fixture before powering on.
- Do not touch the lamp when it is hot. Allow sufficient time for the lamp to cool down before handling or repositioning.
- Avoid splashing water on the hot lamp, as this can cause it to shatter.
- Do not use the lamp with a dimmer switch or thermostat unless specifically designed for mercury vapor bulbs, as this can damage the bulb and void the warranty.
- Position the lamp at the recommended distance from your reptile to prevent burns or insufficient UV exposure. Refer to the "Light Quality" chart for guidance.
- This lamp emits UV radiation. Avoid direct, prolonged eye exposure to the lamp.
- Disconnect power before installing, removing, or cleaning the lamp.

SETUP AND INSTALLATION

1. **Choose a Suitable Fixture:** The Exo Terra Solar Glo 80W lamp requires a ceramic lamp holder capable of handling its wattage. Ensure the fixture has a standard screw-in (E26/E27) base.
2. **Secure Placement:** Position the lamp fixture securely above the reptile's habitat. Ensure it is stable and cannot be easily knocked over.

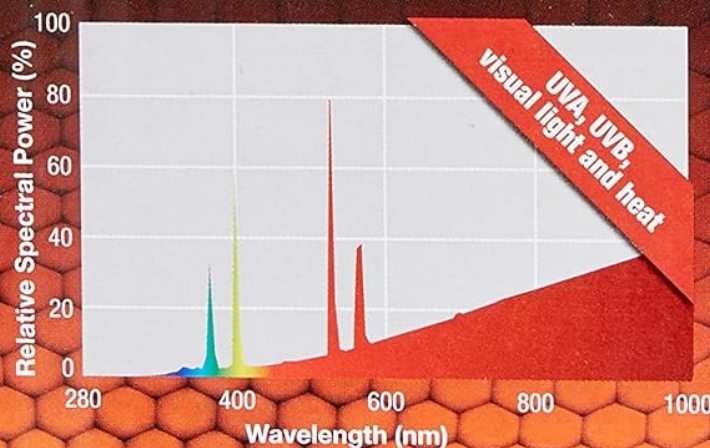
3. **Install the Bulb:** Carefully screw the Solar Glo bulb into the ceramic lamp holder until it is snug. Do not overtighten.
4. **Determine Optimal Distance:** Refer to the "Light Quality" chart provided on the product packaging or in the specifications section to determine the appropriate distance between the lamp and your reptile's basking area. This distance is crucial for providing correct UVB, heat, and visible light levels.
5. **Power Connection:** Plug the fixture into a suitable electrical outlet. Ensure your electrical supply is compatible with the lamp's voltage requirements (100-240 Volts, 50-60 Hz).



Image: The Exo Terra Solar Glo 80W mercury vapor bulb, featuring a standard screw-in base. This bulb provides UVA, UVB, visible light, and heat for reptile habitats.

80W

SOLAR GLO LIGHT QUALITY



REPTILE BULB RATING SYSTEM ©	
UVB	● ● ● ● ● ● ● ●
REPTILE VISION	● ● ● ● ● ● ● ●
HUMAN VISION	● ● ● ● ● ● ● ●
HEAT	● ● ● ● ● ● ● ●

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Light / Heat Beam:	40°
Colour Temperature:	4000 K
Colour Rendering Index:	CRI 70
Luminous Flux:	650 Lm
Optical efficiency:	6.2 Lm/W
Thermal efficiency:	70%

80W	Distance		UVB	Photosynth.	UVB Rating	Illuminance	Temperature	
	Inch	cm	µW/cm²	Vit. D3 IU/Min	See Reptile UVB Chart		°C	°F
	4	10	400	265	*****	12400	36	97
	8	20	205	120	*****	6300	32	90
	12	30	100	55	*****	4600	29	84
	16	40	70	30	*****	3350	28	82
	20	50	40	20	*****	1950	28	82
	24	60	25	15	****	1400	27	80
	28	70	20	10	***	950	26	79
	32	80	15	8	**	700	25	77
	36	90	10	6	*	550	24	75
	40	100	10	5	*	350	23	73



www.exo-terra.com



Sign-up online at www.exo-terra.com and we will remind you to replace your bulb.
Inscrivez-vous en ligne à www.exo-terra.com et nous vous rappellerons de remplacer votre ampoule.

Registrieren Sie sich online auf www.exo-terra.com und wir werden Sie erinnern, wenn Sie Ihre Terrarienlampe erneuern müssen.

Subscribe online at www.exo-terra.com and we will remind you to replace your bulb.

Iscrivendosi online su www.exo-terra.com, verrà avvisato quando dovrà sostituire la lampada.

Schrijf je in op www.exo-terra.com en wij zullen je eraan herinneren je lamp te vervangen.

Image: Packaging of the Exo Terra Solar Glo 80W lamp, displaying the "Light Quality" chart. This chart provides critical information on UVB, illuminance, and temperature at various distances from the bulb, aiding in proper setup for reptile health. More details can be found at exo-terra.com/solar_glo.

OPERATING INSTRUCTIONS

Once installed, the Exo Terra Solar Glo lamp operates by simply turning on the power to the fixture. The lamp will provide a balanced spectrum of light and heat.

- **Daily Cycle:** It is recommended to operate the lamp for 10-12 hours per day to simulate a natural day-night cycle for your reptile.
- **Cool-down Period:** Mercury vapor bulbs require a cool-down period before they can be re-ignited after being turned off. If the lamp is turned off, allow approximately 15 minutes for it to cool down before attempting to turn it back on. This is normal operation for this type of bulb.
- **Monitoring:** Regularly monitor the temperature in the basking area and ambient enclosure temperature using a thermometer to ensure optimal conditions for your specific reptile species.

MAINTENANCE

- **Cleaning:** Periodically, and only when the lamp is cool and unplugged, gently wipe the bulb surface with a soft, dry cloth to remove dust or debris. Do not use abrasive cleaners or liquids.
- **Replacement:** Mercury vapor bulbs have a finite lifespan for UVB output, even if they continue to emit visible light and heat. It is generally recommended to replace the Exo Terra Solar Glo lamp every 6-12 months, depending on usage and manufacturer recommendations, to ensure adequate UVB levels for your reptile's health.
- **Holder Inspection:** Regularly inspect the ceramic lamp holder and electrical wiring for any signs of wear, damage, or corrosion. Replace components as necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lamp does not turn on.	No power to fixture; bulb not screwed in properly; bulb has reached end of life; bulb is hot and needs to cool down before re-ignition.	Check power outlet and fixture connection. Ensure bulb is fully screwed in. Allow 15 minutes for bulb to cool if recently turned off. Replace bulb if old or damaged.
Lamp flickers or dims.	Loose connection; incompatible dimmer/thermostat; bulb nearing end of life.	Check bulb connection. Ensure no dimmer or incompatible thermostat is used. Replace bulb if flickering persists.
Insufficient heat or UV.	Lamp too far from basking spot; bulb nearing end of life.	Adjust lamp distance according to the "Light Quality" chart. Replace bulb if UVB output is diminished.
Overheating in enclosure.	Lamp too close to basking spot; insufficient ventilation.	Increase distance between lamp and basking spot. Ensure adequate ventilation in the enclosure.

SPECIFICATIONS

Model Name: Exo Terra Solar Glo Vapor de Mercurio

Model Number: PT2334

Light Type: Self-ballasted Mercury Vapor

Wattage: 80 Watts

Bulb Base: Standard Screw-in (E26/E27)

Voltage: 100-240 Volts AC, 50-60 Hertz

Special Feature: Full Spectrum (UVA, UVB, Visible Light, Infrared Heat)

Brightness: 650 Lumens

Color Temperature: 4000K

Color Rendering Index (CRI): 70

Beam Angle: 60 Degrees

Product Dimensions: 4.92 inches (W) x 6.5 inches (H)

Item Weight: 2.68 Ounces

Material (Bulb): Glass, Metal

Intended Use: Reptile Terrarium Lighting & Heating

WARRANTY AND SUPPORT

For information regarding warranty coverage and customer support, please refer to the official Exo Terra website or contact your local retailer. Keep your proof of purchase for any warranty claims.

Official website: www.exo-terra.com

ADDITIONAL RESOURCES

For more detailed information on reptile care and optimal lighting solutions, visit the Exo Terra official website or consult with a qualified reptile veterinarian.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question