

OPERATING INSTRUCTIONS

SOLAR RAPTOR® UV Mercury Vapor Lamp

Art.-No.: 10598, 10257, 10258



We thank you for purchasing a SOLAR RAPTOR® product and trusting our years of experience in building terrarium lighting solutions. All of our products are manufactured with the utmost care and using the latest technology.

Technical Data:

The SOLAR RAPTOR® UV Mercury Vapor Lamp is a self-ballasted mercury vapor lamp. The lamp emits visible light, UV-radiation and heat, making it ideal for the creation of basking spots for many reptiles. The built-in reflector concentrates the generated heat directly in the spotlight. The UV-A and UV-B components of the emitted light are required for vitamin D synthesis and crucial to the regulation of many reptiles' biological functions.

Installation:

The lamp must be operated in a heat-resistant E27 socket. The lamp should be placed inside the terrarium, as conventional glass almost entirely blocks UV radiation. The lamp is self-ballasted and thus should not be connected to an external ballast.

For the animals' safety the lamp should be placed outside of their reach.

The SOLAR RAPTOR® ClampLamp is ideal for mounting this product – it is fitted with a protective grille and cable capable of connecting both to terrarium sockets and power outlets and requires no tools for installation.

Operation:

The UV emission of every UV lamp decreases with continued use – in the case of the SOLAR RAPTOR® UV Mercury Vapor Lamp the UV output after ~1 year of usage (calculated at a maximum of 12h per day) is at minimum 50% of its baseline. At this point the lamp should be replaced.

To ensure optimal UV values for your animals we offer UV intensity measuring devices. Regular measurements can help you determine the right time to replace a lamp.

Safety Advice:

- Before installation or maintenance the power plug must be disconnected from the outlet.
- Never install the lamp near flammable objects.
- Ensure there is sufficient air circulation. Never cover the lamp or ballast with any object.
- Only use this product with heat-resistant lamp sockets.
- In the event of damage to the lamp or abnormalities in operation the lamp must be removed immediately.

- To ensure long-term effective UV illumination, we recommend that you do not use the light source for longer than 12 months (in continuous operation for 12 hours a day), as a drop in the UV levels is unavoidable due to material deterioration. Ideally, you should measure the UV levels of the lamp with the Solarmeter® 6.2R Reptile UVB or Solarmeter® 6.5R Reptile UV Index to determine the right timing for a replacement.
- Before using this lamp, please check the amount of UV light appropriate to the animal(s) you are keeping. Make sure that there is an appropriate minimum distance between the lamp and any animals.
- In the terrarium, the lamp should be combined with LED or T5 lighting to provide the base lighting.
- This lamp emits UV radiation and is thus not approved for household use. This product should only be used as terrarium lighting.

Cleaning:

Only clean the product with a dry cloth. Disconnect the product from power before cleaning.

Disposal:

The SOLAR RAPTOR® UV HID lamp is a high-intensity discharge lamp (metal vapor lamp). These contain small amounts of mercury. Used lamps therefore do not belong in the residual waste, but must be disposed of properly in accordance with the relevant local waste disposal regulations.

Information:

For further information and updates, please visit our homepage www.econlux.de

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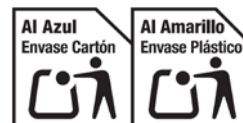
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