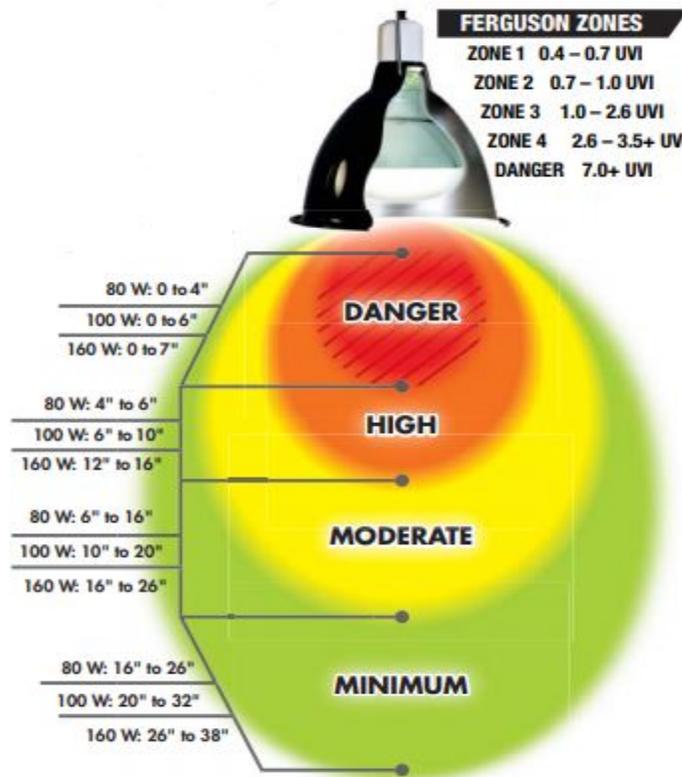




UVB Lighting for Reptiles



In the wild, reptiles obtain UVB rays from the sun when basking. These rays help them absorb calcium and synthesize vitamin D. All reptiles should have access to a UVB bulb in order to properly absorb calcium. Lack of calcium in the body can cause issues such as Metabolic Bone Disease in which your reptile's bones become fragile and are more susceptible to breaks and fractures. UVB also aids in bone strength, muscle function, boosting the immune system, and energy.



What are Ferguson Zones?
Ferguson zones are ranges of UV indexes (UVI) that reptiles are classified into. These classifications indicate which range is safe for each species.

The UVB bulb produces different intensities at different heights. Changing the distance from the bulb to your reptile's basking spot can change the zone at that area. To ensure that your bulb is in the correct zone, refer to the left of the image above and make sure it is the correct distance, in inches, from your animal. If it is too close, you can move the UVB light further away from the tank either by using a stand or lowering your reptile's basking platform.

Different UVB bulbs produce different levels of UV rays. For instance, a 5.0 UVB bulb produces



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half the amount of UV rays as a 10.0 UVB bulb. Different reptiles have different needs so you must check that the type of bulb you buy is correct for your species of reptile.

What is the best UVB bulb for my reptile?

<p>Zone 1</p> <p>.04 - .07</p> <p>Shade</p>	 <p>Crested Gecko</p>	 <p>White's Tree Frog</p>	 <p>Veiled Chameleon</p>	 <p>Leopard Gecko</p>	<p>ZooMed T8 5.0 or PowerSun 80w</p> 
<p>Zone 2</p> <p>.07 - 1.0</p> <p>Partial Sun</p>	 <p>Anole</p>	 <p>Box Turtle</p>	 <p>Panther Chameleon</p>	 <p>Day Gecko</p>	<p>ZooMed T5 5.0 or PowerSun 80w</p> 

*** PowerSun bulbs are UVB and heat bulbs, no additional heat should be added. All UVB bulbs must be used at the appropriate height.

What is the best UVB bulb for my reptile?

<p>Zone 3</p> <p>1.0 – 2.6</p> <p>Mostly Full Sun</p>	 <p>Iguana</p>	 <p>Red Eared Slider</p>	 <p>Sulcata Tortoise</p>	 <p>Russian Tortoise</p>	<p>ZooMed T5 10.0 or Powersun 80w or 100w</p> 
<p>Zone 4</p> <p>2.6 - 3.5+</p> <p>Mid-day Baskers</p>	 <p>Bearded Dragon</p>	 <p>Uromastyx</p>	 <p>Blue Tongued Skink</p>	 <p>Savannah Monitor</p>	<p>ZooMed T5 10.0 or Powersun 80w or 100w</p> 

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