



REPTILE LIGHTING GUIDE



Exo Terra Reptile Lighting

Without the sun's energy, all life on earth would cease to exist. It is by the sun's energy that all life forces are driven. Without it, our planet would quickly radiate away its own energy in short order, making all life extinct. Although light is much more complex, there are only three facets of light that are important for reptile husbandry: ultraviolet light, visible light and infrared light. In order to create these three biological aspects of sunlight artificially, Exo Terra has developed several specialized lights. Reptiles require appropriate and high quality lighting in order to meet certain different metabolic needs. As it is almost impossible to accommodate all of these needs in a single light source, a combination of different light sources is necessary in most cases. The table at right will help you in making the right lighting choice. Not all reptiles or terrarium animals need the same amount of UVB radiation: nocturnal versus daylight activity, geographical and climatological conditions (ex: rainforests versus deserts). The distance from the bulb to the animal is equally important.

Light Source	UVB	Reptile Vision	Human Vision	Infrared Heat
All-in-one Bulbs				
Sunray	*****	*****	*****	*****
Solar Glo	*****	****	****	****
UVB Fluorescent Bulbs				
Reptile UVB100	***	****	****	*
Reptile UVB150	****	****	****	*
Reptile UVB200	*****	****	****	*
Turtle UVB Bulb	**	****	****	*
Linear Fluorescent				
Natural Light		****	*****	*
Reptile UVB100	***	****	****	*
Reptile UVB150	****	****	****	*
Visual Light Bulbs				
Natural Light		****	*****	*
Natural Light ION		****	*****	*
Reptile Vision		*****	****	*
Heat & Basking Bulbs				
Halogen Basking Spot		**	****	****
Daytime Heat Bulb		**	****	****
Daylight Basking Spot		**	****	****
Intense Basking Spot		**	****	****
Night Heat Bulb		*	*	****
Infrared Basking Spot		*	*	*****
Swamp Basking Spot		**	****	****

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Sri Lanka



UVB Rating System

LIZARDS		
NAME	LATIN NAME	UV RATING
Bearded & Rankin's Dragon	Pogona vitticeps & Pogona henrylawsoni	*****
Leopard Gecko	Eublepharis macularius	
Green Iguana	Iguana iguana	***
Veiled Chameleon	Chamaeleo calypttratus	***
Spiny-tailed lizards	Uromastyx spec.	*****
Panther Chameleon	Chamaeleo pardalis	***
Chinese Water Dragon	Physignathus cocincinus	***
Anoles (Green & Bahama)	Anolis carolinensis & sagrei	***
Crested Geckos	Rhacodactylus ciliates & Rhacodactylus auriculatus	***
Day Geckos	Phelsuma spec.	****
Collard Lizard	Crotaphytus collaris	****
Steppe Runner	Eremias arguta	***
Long-tailed Lizard	Takydromus sexlineatus	****
Curly Tail Lizard	Leiocephalus spec.	
AQUATIC TURTLES		
Red-eared Sliders	Trachemys scripta elegans	**
Yellow Bellied Slider	Trachemys scripta scripta	**
Painted Turtle	Chrysemys picta	
SNAKES		
Ball Python	Python regius	*
Corn Snake	Pantherophis guttatus	*
King & Milk Snake	Lampropeltis spec.	
Boa Constrictor	Boa constrictor	
AMPHIBIANS		
Fire Belly Toads	Bombina orientalis	
PacMan Frog	Ceratophrys spec.	*
White's Treefrogs	Litoria caerulea	*
Monkey Tree Frogs	Phyllomedusa sauvagii	*
Poison Dart Frogs	Dendrobatidae	
TORTOISES		
Russian Tortoise	Agrionemys horsfieldii	****
Greek Tortoise	Testudo Graeca	****
Hermann's Tortoise	Testudo hermanni	*****
African Spurred Tortoise	Geochelone sulcata	

