

## Metal Halide System

The SunRay Metal Halide System offers a stylish and easy-to-install Metal Halide Fixture with ballast and bulb, to provide reptiles with the light spectrum they experience in nature. The extreme light intensity and balanced UV-rays, closely approximate those of natural sunlight promoting the health and wellbeing of your reptiles.



# SUNRAY

## Metal Halide Bulb

- Closely approximates natural sunlight
- Optimal levels of visible light, heat and UVA and UVB
- Contributes to the animal's overall wellbeing
- Intensifies natural coloration of reptiles
- Can be used as a sole light source
- Faceted aluminum sleeve
- Can be safely used on smaller terrariums
- Fits the Exo Terra SunRay Fixture



The Exo Terra SunRay is an all-in-one bulb that combines very high light output and infrared heat radiation with optimal levels of UVA and UVB. The SunRay is available in lower wattages and can be safely used on smaller terrariums. The Exo Terra SunRay delivers a consistent spectrum, which closely approximates that of natural sunlight, contributing to the animal's overall wellbeing. The combination of the correct UVB wavelength and heat enables the animal to produce its own vitamin D3 for proper calcium absorption and prevents metabolic diseases (e.g. MBD). The powerful light output and balanced UV rays stimulate appetite and breeding behavior, while improving the physiological health of reptiles. The aluminum faceted reflector produces an evenly distributed light beam. Aluminum dissipates heat very effectively, resulting in a longer lifespan and more stable operation than glass reflectors. The Exo Terra® SunRay can be used as a sole light source. To obtain maximum results and safety the bulb should be used in conjunction with the Exo Terra SunRay Fixture.

Available in 35W, 50W and 70W.

PT2326 Sunray Bulb 35W

PT2327 Sunray Bulb 50W

PT2328 Sunray Bulb 70W



www.exo-terra.com



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## Light Quality

35W	Distance		UVA	UVB	Photosynth	UVB Rating	Illuminance	Temperature	
	Inch	cm	$\mu\text{W}/\text{cm}^2$	$\mu\text{W}/\text{cm}^2$	Vit. D3 IU/Min	See Reptile UVB Chart	LUX	$^{\circ}\text{C}$	$^{\circ}\text{F}$
↓	4	10	23000	1390	565	*****	109700	35	95
	8	20	7500	460	225	*****	53600	32	89
	12	30	2700	160	90	*****	24300	29	84
	16	40	1500	90	40	*****	10600	28	82
	20	50	850	50	25	*****	7200	27	80
	24	60	550	35	20	***	4100	26	78
	28	70	400	25	15	**	2900	26	78
	32	80	350	20	10	**	2600	25	77
	36	90	250	15	8	**	2200	25	77
	40	100	200	10	6	**	2000	25	77

50W	Distance		UVA	UVB	Photosynth.	UVB Rating	Illuminance	Temperature	
	Inch	cm	$\mu\text{W}/\text{cm}^2$	$\mu\text{W}/\text{cm}^2$	Vit. D3 IU/Min	See Reptile UVB Chart	LUX	$^{\circ}\text{C}$	$^{\circ}\text{F}$
↓	4	10	24000	1440	440	*****	117000	40	104
	8	20	9000	530	125	*****	87300	33	91
	12	30	4500	255	50	*****	32700	31	87
	16	40	2200	130	25	*****	10700	29	84
	20	50	1300	80	15	***	7800	28	82
	24	60	1000	60	10	***	7100	27	80
	28	70	650	40	8	***	4200	27	80
	32	80	500	30	5	**	3400	26	78
	36	90	350	20	4	**	2700	26	78
	40	100	300	20	4	**	2500	26	78

70W	Distance		UVA	UVB	Photosynth.	UVB Rating	Illuminance	Temperature	
	Inch	cm	$\mu\text{W}/\text{cm}^2$	$\mu\text{W}/\text{cm}^2$	Vit. D3 IU/Min	See Reptile UVB Chart	LUX	$^{\circ}\text{C}$	$^{\circ}\text{F}$
↓	4	10	28000	1675	500	*****	130400	41	106
	8	20	14500	875	220	*****	103500	34	93
	12	30	6500	395	90	*****	96200	32	89
	16	40	3500	205	55	*****	55200	29	84
	20	50	2000	125	30	*****	31100	29	84
	24	60	1300	80	20	*****	19600	28	82
	28	70	1000	60	15	*****	14000	27	80
	32	80	850	50	10	***	10100	27	80
	36	90	550	35	7	***	7600	27	80
	40	100	400	30	7	**	6400	27	80

**REPTILE BULB RATING SYSTEM**

UVB: ●●●●●

REPTILE VISION: ●●●●●

HUMAN VISION: ●●●●●

HEAT: ●●●●●

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