

# SUNLIGHT R Lamp Data Sheet

R95,100W,230V

SWR95VBNNT100D(F)

**UVA,UVB,visual light ,IR and heat ALL IN ONE by SUNWHITE® animal technology**

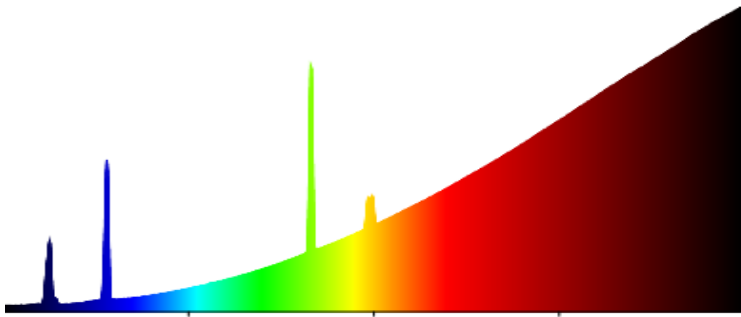
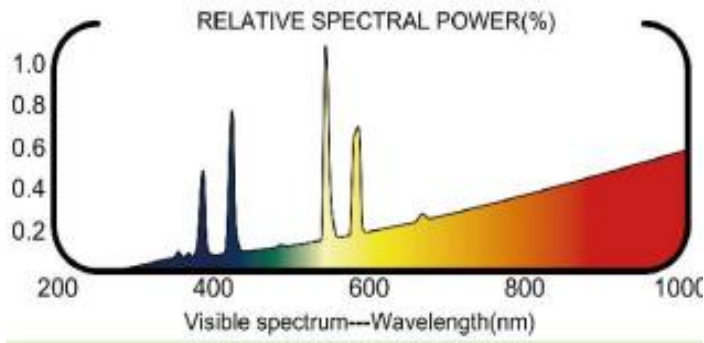
## \*Features

Provide UVB,UVA ,high quality visual light,infrared and heat  
Simulate sunlight,provide the light radiation necessary for reptiles  
,effectively prevents matabolic bone disease  
UVB promotes production of Vitamin D3 to help calcium absorption for reptiles  
UVA provides the warmth which cold -blooded animals are used to in nature  
Self-ballasted mercury vapor lamp  
Reflector bulb with evaporation of aluminum,R lamp  
4000K,850lm,thermal efficiency 75%  
230V, 100W,5000hrs lifetime  
UVB penetration increased to a distance 30cm



## Technical data

Electrical specifications			
Part No.	SWR95VBNNT100D(F)	EAN	01003/01004
Wattage (W)	100	AC input voltage (V)	230±5%
Current(A)	0.43	Power factor	-
Frequency (Hz)	50/60	Starting voltage limit requirement(V)	185(RMS)
Dimmable	Yes	Voltage rise,luminaire effect limit(V)	5(RMS)
Photometric specifications			
Colour temperature (CCT)	4000K	CRI (Ra)	99
Luminous flux (lm)	850	UVB wave lengthh(λp)	300nm
Intensity UVB(μW/cm²)-Clear Lamp	800	UVB wave lengthh(λp)	350nm
Intensity UVB(μW/cm²)-Frosted Lamp	150	Beam angle (°)	
Intensity UVB(μW/cm²)-Rough Lamp*	600		
<b>*Rough lamp size 155*120nm only</b>	-		
Mechanical specifications			
Housing material	glass	Housing Colour	mirror
Optical cover/ lens material	Al	Length/ diameter (mm)	140max
Width/ diameter (mm)	95	Height (mm)	1.8
Base Type	E27	Base axiality	3 degree max
Base torque force(N.m)	3 Min.	Protection type	IP20
Lifespan			
Number of switching cycles	100000	lumen keeping(2000hrs)	>75
lifespan	5000hrs		
Application parameters			
Base temperature	160℃ Max	outer bulb temperature	200℃ Max
Working temperature range	-20~+60℃	Storage temperature range	-20~+70℃
Additional product specifications			



## Surface



## Caution

1. Don't touch the lamp when it work or just turn off because of lamp hot.
2. Working normally in 15 min. after the lamps turn on.
3. Turn off the switch before put the lamps into socket.
4. Lamp need vertically downward when it works, Max 15 ° angle of inclination ,or maybe not working.
5. Working valtage  $230 \pm 5\%$ , out of the range, lamps may be turn off. Pls turn off the switch, then turn on again after 15min.
6. Don't look directly at the light.
7. Don't use the lamp as general lighting for human.
8. Don't put any part of the human body in the light more than 10min.
9. Open the windows when brekn the lamps, till the Hg evaporate completely.