

## SUNLIGHT R Lamp Data Sheet

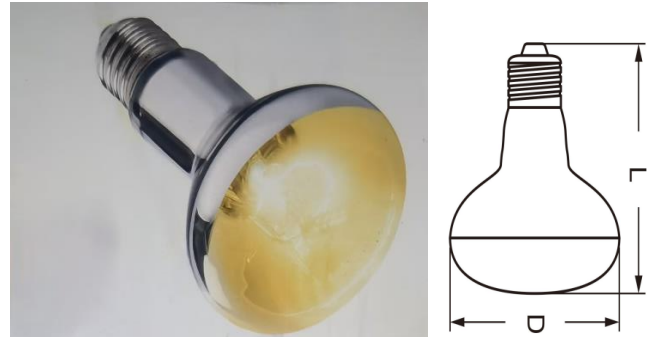
R115,160W,230V

SWR115VBNMT160D

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

## \*Features

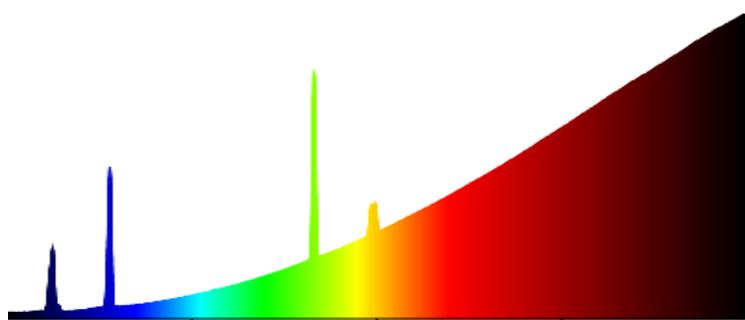
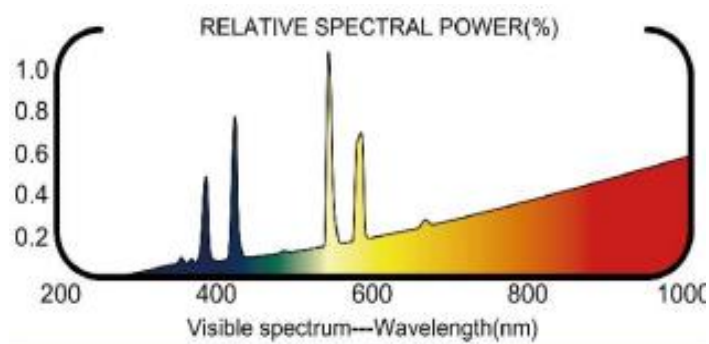
Provide UVB,UVA ,high quality visual light,infrared and heat  
Simulate sunlight,provide the light radiation necessary for reptiles  
,effectively prevents matabolic bone disease  
UVB promotes production of Vitamin D3 to help calcium absorption for reptiles  
UVA provides the warmth which cold -blooded animals are used to in nature  
Self-ballasted mercury vapor lamp  
Reflector bulb with evaporation of aluminum,R lamp  
4000K,1280lm,thermal efficiency 75%  
230V, 160W,5000hrs lifetime  
UVB penetration increased to a distance 30cm



## Technical data

| Electrical specifications              |                 |
|----------------------------------------|-----------------|
| Part No.                               | SWR115VBNMT160D |
| Wattage (W)                            | 160             |
| Current(A)                             | 0.7             |
| Frequency (Hz)                         | 50/60           |
| Dimmable                               | Yes             |
| Photometric specifications             |                 |
| Colour temperature (CCT)               | 4000K           |
| Luminous flux (lm)                     | 1280            |
| Intensity UVB(μW/cm²)-Clear Lamp       | >2000           |
| Intensity UVB(μW/cm²)-Frosted Lamp     | 1500            |
| Intensity UVB(μW/cm²)-Rough Lamp*      | 1800            |
| <b>*Rough lamp size 155*120nm only</b> | -               |
| Mechanical specifications              |                 |
| Housing material                       | glass           |
| Optical cover/ lens material           | Al              |
| Width/ diameter (mm)                   | 115             |
| Base Type                              | E27             |
| Base torque force(N.m)                 | 3 Min.          |
| Lifespan                               |                 |
| Number of switching cycles             | 10000           |
| lifespan                               | 5000hrs         |
| Application parameters                 |                 |
| Base temperature                       | 160℃ Max        |
| Working temperature range              | -20~+60℃        |
| Additional product specifications      |                 |
|                                        |                 |
|                                        |                 |
|                                        |                 |
|                                        |                 |
|                                        |                 |

|                                        |              |
|----------------------------------------|--------------|
|                                        |              |
| EAN                                    | 01004        |
| AC input voltage (V)                   | 230±5%       |
| Power factor                           | -            |
| Starting voltage limit requirement(V)  | 185(RMS)     |
| Voltage rise,luminaire effect limit(V) | 5(RMS)       |
|                                        |              |
| CRI (Ra)                               | 99           |
|                                        |              |
| UVB wave lengthh(λp)                   | 300nm        |
| UVB wave lengthh(λp)                   | 350nm        |
| Beam angle (°)                         | 0            |
|                                        |              |
|                                        |              |
| Housing Colour                         | mirror       |
| Length/ diameter (mm)                  | 155          |
|                                        |              |
| Base axiality                          | 3 degree max |
| Protection type                        | IP20         |
|                                        |              |
| lumen keeping(2000hrs)                 | >75          |
|                                        |              |
|                                        |              |
| outer bulb temperature                 | 200℃ Max     |
| Storage temperature range              | -20~+70℃     |
|                                        |              |
|                                        |              |
|                                        |              |
|                                        |              |



## 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±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.