



ARCADIA REPTILE



PRODUCT DATA SHEET

RSBR

BASKING SOLAR INFRARED

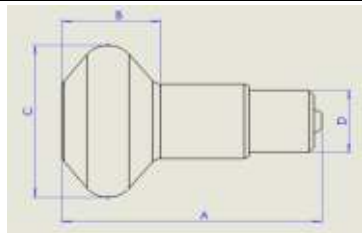


GENERAL DESCRIPTION - a range of incandescent basking lamps with E27 fittings. These lamps will raise the ambient temperature of the vivarium while providing good levels of UVA.





SPECIAL PRECAUTIONS

These lamps have a high light output, do not look directly at the tube when it is lit. Switch off the lamp and allow it to cool before handling. Dispose of in line with WEEE regulations. This product has been designed for use in terraria/aviculture only. Product not suitable for household lighting.

LAMP DIMENSIONS



	"A" mm	"B" mm	"C" mm	"D" mm
RSBR50	94	35	63	E26
RSBR75	107	55	80	E26
RSBR100	107	55	80	E26
RSBR150	124	55	96	E26

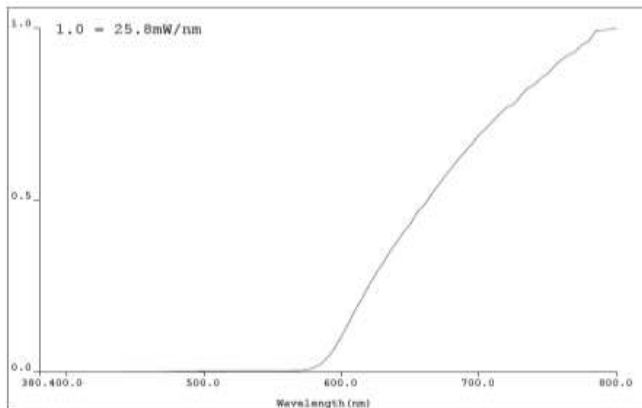
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MEASUREMENTS

	Nominal wattage	Rated Power	Power usage	Lumen output	Lumens per watt	Energy rating
	W	W	kWh/1000h	lm	lm/W	
RSBR50	50	51.1	51.1	45.603	0.89	E
RSBR75	75	75.7	75.7	86.562	1.14	E
RSBR100	100	103.8	103.8	102.89	0.99	E
RSBR150	150	149	149	140.47	0.94	E

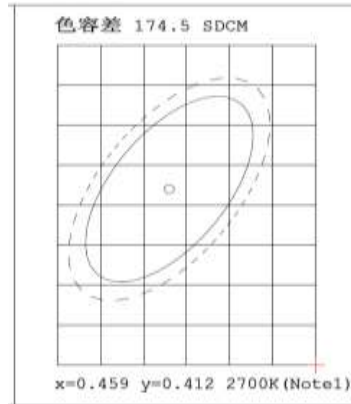
	Colour temp.	Lux @ 200mm	Lux @ 400mm	PAR @ 200mm	PAR @ 400mm	UVA	UVB	UVC
	K	lx	lx	m ⁻² s ⁻¹	m ⁻² s ⁻¹	%	%	%
RSBR50	Infrared							
RSBR75	Infrared							
RSBR100	Infrared							
RSBR150	Infrared							

COLOUR SPECTRAL CHART wavelength nm



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COLOUR RENDER INDEX CHART



TEST EQUIPMENT

Power drawn	Everfine HAAS 1200 array spectroradiometer
Lumen output	Everfine HAAS 1200 array spectroradiometer
Colour temperature	Everfine HAAS 1200 array spectroradiometer
Lux	Iso-Tech Light Meter model 1335
PAR	Apogee PAR meter model MQ-500
UVA	Solarmeter UV Index model 6.5
UVB	Solarmeter UV Index model 6.5
UVC	Solarmeter UVC meter model 8.0
Energy eff. Calcs	EU reg 874/2012 Energy labelling of electrical lamps and luminaires

ADDITIONAL PARTS

HARMONISED STANDARDS

LVD	RoHS
EN60335-1:2012 +A11:2013 +A13:2017	EN50581:2012
EN62233:2008	
EMC	
EN55015:2013	
EN61547:2009	
EN61000-3-2:2014	
EN61000-3-3:2013	