


	ARCADIA REPTILE	
	PRODUCT DATA SHEET	
RSBS	SOLAR BASKING SPOT	 

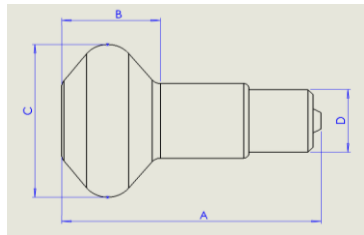


GENERAL DESCRIPTION - a range of incandescent basking lamps with E27 fittings. These lamps will heat a targeted spot in the vivarium while providing a good level of UVA.





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
RSBS50	94	35	63	E27
RSBS75	107	55	80	E27
RSBS100	107	55	80	E27
RSBS150	124	55	96	E27

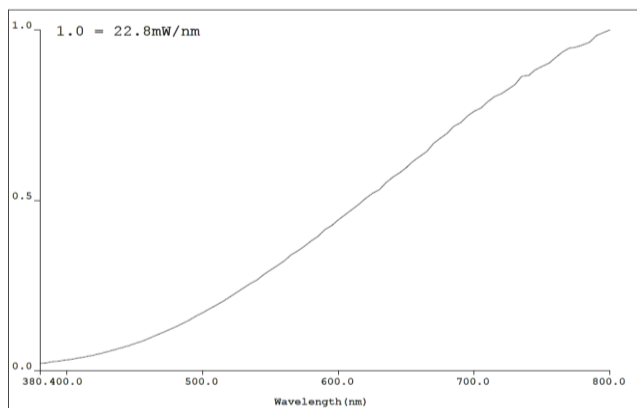
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MEASUREMENTS

	Nominal wattage	Rated Power	Power usage	Lumen output	Lumens per watt	Energy rating
	W	W	kWh/1000h	lm	lm/W	
RSBS50	50	50	50	340.18	6.80	E
RSBS75	75	71.7	71.7	550.29	7.67	E
RSBS100	100	102	102	693.83	6.80	E
RSBS150	150	146	146	1183.9	8.11	E

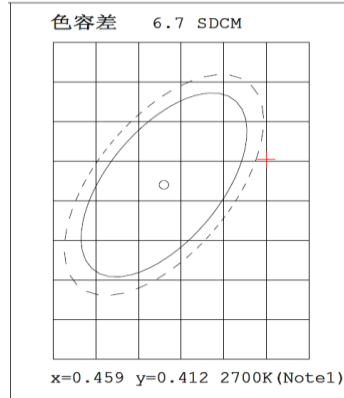
	Colour temp.	Lux @ 200mm	Lux @ 400mm	PAR @ 200mm	PAR @ 400mm	UVA	UVB	UVC
	K	lx	lx	m ⁻² s ⁻¹	m ⁻² s ⁻¹	%	%	%
RSBS50	2800							
RSBS75	2800							
RSBS100	2800							
RSBS150	2800							

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