


	ARCADIA REPTILE	
	PRODUCT DATA SHEET	
RFSU	NATURAL SUNLIGHT FLUORESCENT TUBE	 

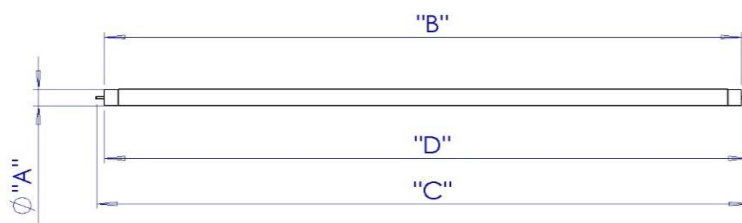


GENERAL DESCRIPTION - a range of full spectrum T8 fluorescent tubes designed to simulate as closely as possible the spectrum of natural sunlight. UVA and low levels of UVB to support the synthesis of vitamin D3 in shade dwelling reptile species. This product has been designed for use in terraria/aviculture only. Product not suitable for household lighting.





SPECIAL PRECAUTIONS

These tubes have a high light output, do not look directly at the tube when it is lit. Fluorescent tubes contain small amounts of mercury which could be released if a tube is broken. The amount of mercury released would not be enough to pose a health risk to anyone immediately exposed but as a precautionary measure any room in which a tube breaks should be aired for 15 minutes. Do not use a vacuum cleaner or brush to remove debris as this risks further contamination. Wear disposable gloves. Carefully scoop up the larger bits of glass with a disposable piece of cardboard or similar. Use a piece of duct tape to pick up small pieces of glass and powder. Clean area with a paper towel. Seal all materials and cleaning equipment in a robust container and treat as hazardous waste. Thoroughly wash hands with soap and water. Dispose of in line with WEEE regulations.

LAMP DIMENSIONS



	"A" mm	"B" mm	"C" mm	"D" mm
RFSU08	16	299	313	306
RFSU14	26	360	374	367
RFSU15	26	450	464	457
RFSU18	26	600	614	607
RFSU30	26	900	914	907
RFSU36	26	1200	1214	1207

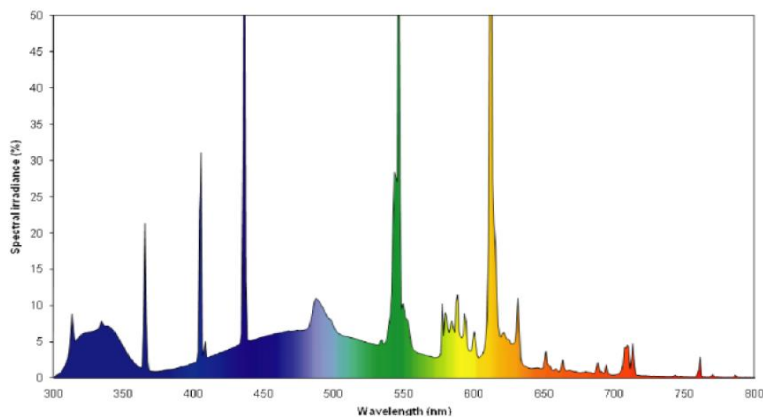
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MEASUREMENTS

	Nominal wattage	Rated Power	Power cor.	Power usage	Lumen output	Lumens per watt	Energy rating	CRI
	W	W	W	kWh/1000h	lm	lm/W		
RFSU08	8	6	6.6	6.6	280	42.42	A	1A
RFSU14	14	15	18	19	550	30.56	B	1A
RFSU15	15	15	18	22	600	33.33	B	1A
RFSU18	18	18	21.6	31	900	41.67	B	1A
RFSU30	30	30	36	36	1700	47.22	B	1A
RFSU36	36	36	43.2	43	2300	53.24	B	1A

	Colour temp.	Lux @ 200mm	Lux @ 400mm	PAR @ 200mm	PAR @ 400mm	UVA	UVB	EuV
	K	lx	lx	m ⁻² s ⁻¹	m ⁻² s ⁻¹	%	%	mW/klm
RFSU08	5800					10	2.4	2.3
RFSU14	5800					10	2.4	11.9
RFSU15	5800					10	2.4	8.0
RFSU18	5800					10	2.4	4.1
RFSU30	5800					10	2.4	6.9
RFSU36	5800					10	2.4	5.5

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
Euv	Double monochromator Optronic OL574

ADDITIONAL PARTS

HARMONISED STANDARDS

LVD	RoHS
EN61195:1999/A2:2015	EN50581:2012
EN62493:2015	

EMC
EN55015:2013
EN61547:2009
EN61000-3-2:2014
EN61000-3-3:2013