

	ARCADIA REPTILE	
	PRODUCT DATA SHEET	
RFD3P	D3+ DESERT FLUORESCENT TUBE	

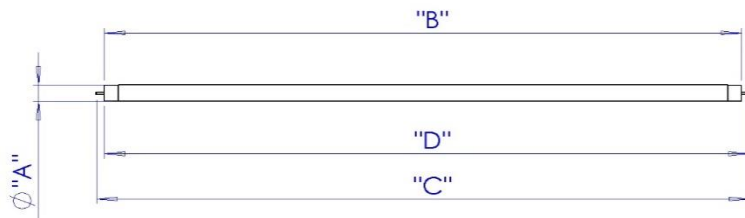


GENERAL DESCRIPTION - a range of full spectrum T5 & T8 fluorescent tubes designed to simulate as closely as possible the spectrum of natural sunlight. High light output of UVA and UVB to support the synthesis of vitamin D3 in desert reptile species. This product has been designed for use in terraria/aviculture 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 would 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
RFD3P14	26	361	375	368
RFD3P15	26	450	464	457
RFD3P18	26	600	614	607
RFD3P25	26	750	764	757
RFD3P30	26	900	914	907
RFD3P36	26	1200	1214	1207
RFD3P38	26	1050	1064	1057
RFD3P24T5	16	549	563	556
RFD3P39T5	16	849	863	856
RFD3P54T5	16	1149	1163	1156

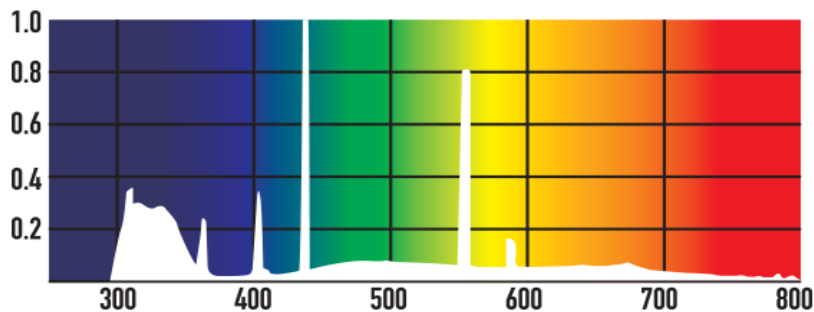
 MonkfieldReptile	ARCADIA REPTILE		
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MEASUREMENTS

	Nominal wattage	Rated Power	Power cor.	Power usage	Lumen output	Lumens per watt	Energy rating	CRI
	W	W	W	kWh/1000h	lm	lm/W		
RFD3P14	14	15	18	18	300	16.67	B	1A
RFD3P15	15	15	18	18	300	16.67	B	1A
RFD3P18	18	18	21.6	21.6	420	19.44	B	1A
RFD3P25	25	26	31.2	31.2	800	25.64	B	1A
RFD3P30	30	30	36	36	950	26.39	B	1A
RFD3P36	36	36	43.2	43.2	1100	25.46	B	1A
RFD3P38	38	39	46.2	46.2	1100	23.81	B	1A
RFD3P24T5	24	23	24.75	24.75	850	34.34	B	1A
RFD3P39T5	39	38	41.8	41.8	2150	51.44	B	1A
RFD3P54T5	54	54	59.51	59.51	2400	40.33	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
RFD3P14	6600					30	12	30.8
RFD3P15	6600					30	12	27.1
RFD3P18	6600					30	12	34.4
RFD3P25	6600					30	12	36.1
RFD3P30	6600					30	12	38.3
RFD3P36	6600					30	12	33.7
RFD3P38	6600					30	12	36.6
RFD3P24T5	7000					30	12	54.9
RFD3P39T5	7000					30	12	66.0
RFD3P54T5	7000					30	12	59.8

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 Optronics OL574

ADDITIONAL PARTS

HARMONISED STANDARDS

IEC
DE1-6330