


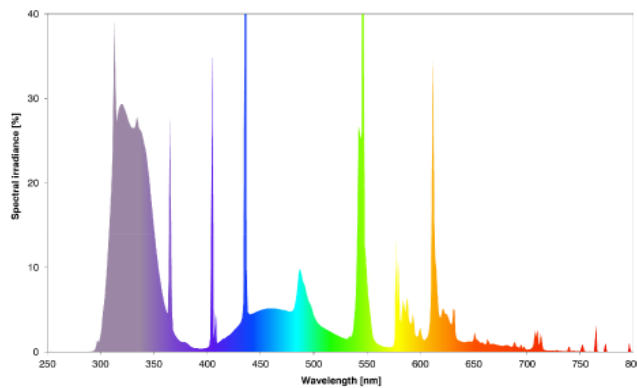
	ARCADIA REPTILE		
	PRODUCT DATA SHEET		
RFD3D	D3+ DRAGON FLUORESCENT TUBE		 





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		
RFD3D24T5	24	24	26.4	26.4	900	34.09	B	1A
RFD3D39T5	39	39	42.9	42.9	1650	38.46	B	1A
RFD3D54T5	54	54	59.4	59.4	2300	38.72	B	1A

	Colour temp.	Lux @ 200mm	Lux @ 400mm	PAR @ 200mm	PAR @ 400mm	UVA	UVB	Euv
	K	lx	lx	m <sup>-2</sup> s <sup>-1</sup>	m <sup>-2</sup> s <sup>-1</sup>	%	%	mW/klm
RFD3D24T5	7500					30	14	
RFD3D39T5	7500					30	14	55
RFD3D54T5	7500					30	14	53.5

COLOUR SPECTRAL CHART wavelength nm



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COLOUR RENDER INDEX CHART
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TEST EQUIPMENT
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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
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HARMONISED STANDARDS
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IEC  
DE1-6330