

ARCADIA REPTILE

PRODUCT DATA SHEET



RFD3***E

COMPACT D3 REPTILE LAMP



RoHS

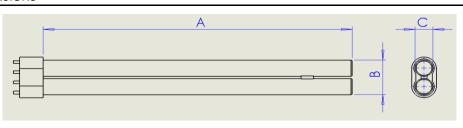


GENERAL DESCRIPTION - a range ofpotted PLL compact flourescent lamp for use with the Arcadia D3+ UV Flood and Vivarium Canopy only. The lamps provide high light output with high levels of UVA and UVB. This product has been designed for use in terraria/aviculture only. Product not suitable for household 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 orf 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



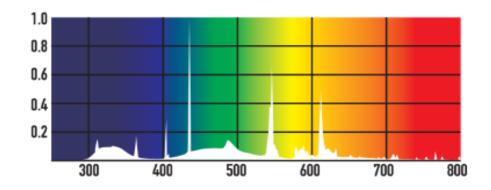
	"A" mm	"B" mm	"C" mm	"D" mm
RFD3PC24E	320	40	20	
RFD3PC55E	509	40	20	

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MEASUREMENTS		

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	Nominal	Rated		Power	Lumen		Energy	
	wattage	Power	Power cor.	usage	output	per watt	rating	
	w	W	W	kWh/1000h	lm	lm/W		
RFD3PC24E	24	23.35	25.69	25.69	795	30.95		В
RFD3PC55E	55	55.8	61.38	61.38	2596	42.29		В
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	Colour temp.	Lux @ 200mm	Lux @ 400mm	PAR @ 200mm	PAR @ 400mm	UVA	UVB	UVC
	K	lx	lx	$m^{-2} s^{-1}$	m ⁻² s ⁻¹	%	%	%
RFD3PC24E	6500					30	12	
RFD3PC55E	6500					30	12	

COLOUR SPECTRAL CHART wavelength nm





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 EN6119:2011/A2:2015

EN50581:2012

RoHS

EN62493:2015

EMC

EN55015:2013

EN61547:2009

EN61000-3-2:2014

EN61000-3-3:2013