

#### ARCADIA REPTILE

#### PRODUCT DATA SHEET



# RFD3

# COMPACT D3+



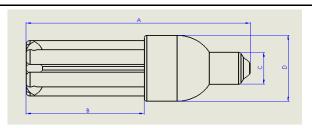


GENERAL DESCRIPTION - a range of self ballasted compact flourescent lamps with an E27 fitting. The lamps provide high light output with high levels of UVA and UVB. This product has been designed for use in terraria/aviculture only. Product not suitable for household lighting.

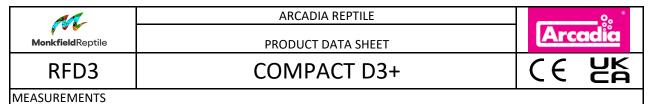
#### SPECIAL PRECAUTIONS

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



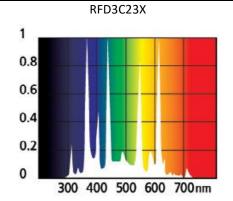
	"A" mm	"B" mm	"C" mm	"D" mm
RFD3C23X	174	96	E27	54
RFD3PC23X	174	96	E27	54

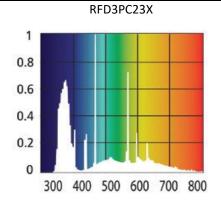


	Nominal	Rated	Power	Lumen	Lumens	Energy	
	wattage	Power	usage	output	per watt	rating	
	W	W	kWh/1000h	lm	lm/W		
RFD3C23X	23	23	23	550	23.91	Е	3
RFD3PC23X	23	24	24	551	22.96	Е	3
			0		#DIV/0!		
			0		#DIV/0!		
			0		#DIV/0!		
			0		#DIV/0!		
			0		#DIV/0!		
			0		#DIV/0!		
			0		#DIV/0!	·	
			0		#DIV/0!		_

	Colour temp.	Lux @ 200mm	Lux @ 400mm	PAR @ 200mm	PAR @ 400mm	UVA	UVB	UVC
	K	lx	lx	m <sup>-2</sup> s <sup>-1</sup>	m <sup>-2</sup> s <sup>-1</sup>	%	%	%
RFD3C23X	6700					30	7	
RFD3PC23X	6700					30	10	

# 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 RoHS

EN60968:2015 EN50581:2012

EN62493:2015

**EMC** 

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