

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.

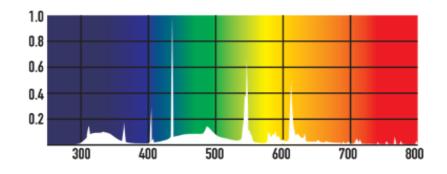
| | "A" mm | "B" mm | "C" mm | "D" mm |
|-----------|--------|--------|--------|--------|
| RFD3PC24E | 320 | 40 | 20 | |
| RFD3PC55E | 509 | 40 | 20 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Monkfield Reptile | ARCADIA REPTILE | 0, * |
|-------------------|-------------------------|-----------------|
| | PRODUCT DATA SHEET | Arcadia |
| RFD3***E | COMPACT D3 REPTILE LAMP | C € RoHS |
| MEASUREMENTS | | |

| IVILASORLIVILIVIS | | | | | | | | |
|-------------------|--------------------|-------------------------|-------|-----------|-----------------|--------------------|------------------|---|
| | Nominal wattage | Rated Power Power usage | | | Lumen output | Lumens per watt | Energy 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 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | 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