

 Monkfield Reptile	ARCADIA REPTILE	 CE UK CA
	PRODUCT DATA SHEET	
CFB	BIRD LAMP	

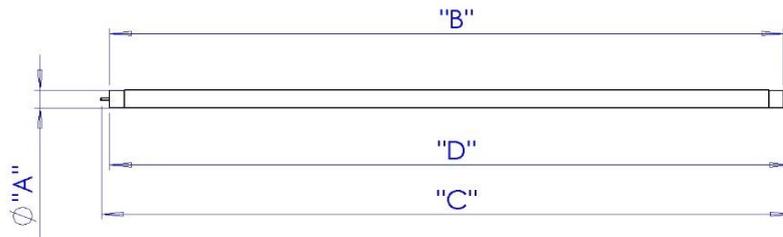


GENERAL DESCRIPTION - a range of full spectrum T5 & T8 fluorescent tubes designed to simulate as closely as possible the spectrum of natural sunlight. High light output of UVA and UVB to support the synthesis of vitamin D3 in bird species. This product has been designed for use in avaries only. Product 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
CFB08	16	288	302	295
CFB15	26	450	464	457
CFB18	26	600	614	607
CFB30	26	900	914	907
CFB36	26	1200	1214	1207
CFB58	26	1500	1514	1507
CFB54T5	16	1149	1163	1156

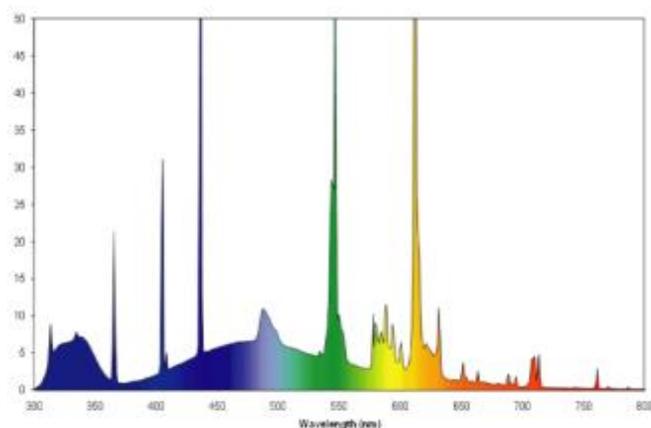
 MonkfieldReptile	ARCADIA REPTILE	 Arcadia
	PRODUCT DATA SHEET	
CFB	BIRD LAMP	 

MEASUREMENTS

	Nominal wattage	Rated Power	Power cor.	Power usage	Lumen output	Lumens per watt	Energy rating	CRI
	W	W	W	kWh/1000 h	lm	lm/W		
	CFB08	8	6	66	66	280	4242	A
CFB15	15	15	18	18	600	3333	B	1A
CFB18	18	18	216	216	900	4167	B	1A
CFB30	30	30	36	36	1700	4722	B	1A
CFB36	36	36	396	396	2300	5808	A	1A
CFB58	58	65	78	78	3700	4744	B	1A
CFB54T5	54	54	648	648	3450	5324	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
CFB08	5800					12	24	23
CFB15	5800					12	24	59
CFB18	5800					12	24	57
CFB30	5800					12	24	86
CFB36	5800					12	24	84
CFB58	5800					12	24	107
CFB54T5	7000					12	24	145

COLOUR SPECTRAL CHART wavelength nm



	ARCADIA REPTILE	
	PRODUCT DATA SHEET	
CFB	BIRD LAMP	 

UV MEASUREMENTS

Peak Wavelength: 544.9nm
 Irradiance (at 100cm distance)
 Illuminance: 54.912lx
 Irradiance: 26.43 uW/cm²
 254nm-Irradiance: 0.007 uW/cm²
 UVA-Irradiance: 5.35 uW/cm²
 UVB-Irradiance: 0.622 uW/cm²
 UVC-Irradiance: 0.012 uW/cm²
 Effective UVA-Irradiance: 0.003 uW/cm²
 Effective UVB-Irradiance: 0.063 uW/cm²
 Effective UVC-Irradiance: 0.008 uW/cm²

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 Optronic OL574

ADDITIONAL PARTS

HARMONISED STANDARDS

IEC
 DE1-6330