


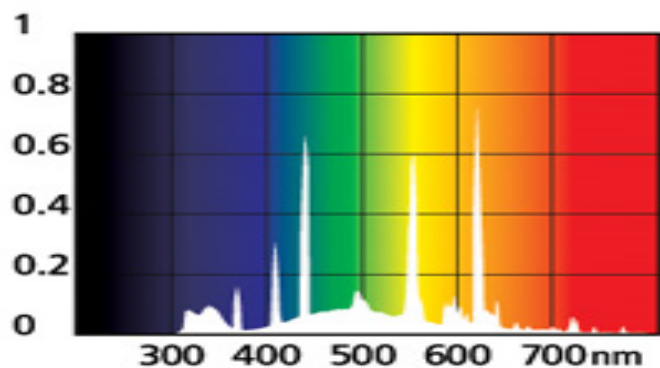




 MonkfieldReptile	ARCADIA REPTILE		
	PRODUCT DATA SHEET		
CFBC20X	COMPACT PARROT PRO LAMP		 
MEASUREMENTS			

	Nominal wattage	Rated Power	Power usage	Lumen output	Lumens per watt	Energy rating
	W	W	kWh/1000h	lm	lm/W	
CFBC20X	20	17.3	17.3	690	39.88	B
CFBC20Z	20	17.3	17.3	690	39.88	B

	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>	%	%	%
CFBC20X						12	2.4	0
CFBC20Z						12	2.4	0

COLOUR SPECTRAL CHART wavelength nm
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	ARCADIA REPTILE	
	PRODUCT DATA SHEET	
CFBC20X	COMPACT PARROT PRO LAMP	 

#### UV MEASUREMENTS

Peak Wavelength: 544.9nm

Irradiance (at 100cm distance)

Illuminance: 54.912lx

Irradiance: 26.43  $\mu\text{W}/\text{cm}^2$

254nm-Irradiance: 0.007  $\mu\text{W}/\text{cm}^2$

UVA-Irradiance: 5.35  $\mu\text{W}/\text{cm}^2$

UVB-Irradiance: 0.622  $\mu\text{W}/\text{cm}^2$

UVC-Irradiance: 0.012  $\mu\text{W}/\text{cm}^2$

Effective UVA-Irradiance: 0.003  $\mu\text{W}/\text{cm}^2$

Effective UVB-Irradiance: 0.063  $\mu\text{W}/\text{cm}^2$

Effective UVC-Irradiance: 0.008  $\mu\text{W}/\text{cm}^2$

#### 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