


	ARCADIA REPTILE	
	PRODUCT DATA SHEET	
RARTP	PRO T5	 

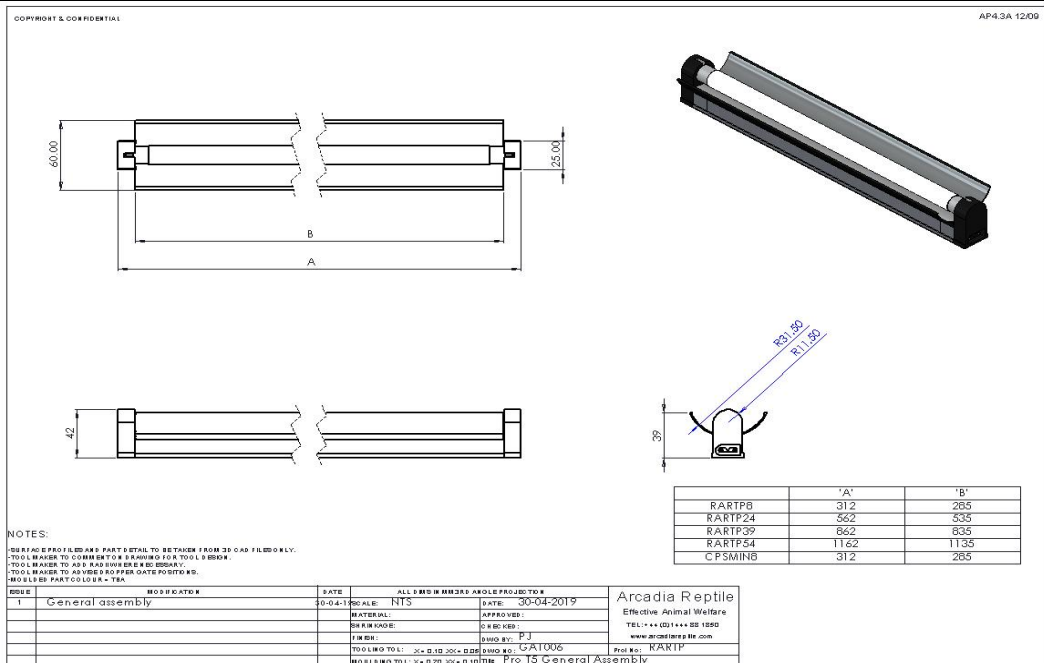






GENERAL DESCRIPTION - a range of Arcadia Pro T5 of various wattages. The luminaire has an extruded aluminium body with plastic end caps with a clip on reflector. The luminaire is supplied with either a Dragon, Desert or Forest lamp. Mains lead, link lead and mounting brackets are also supplied.

**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.

**LUMINAIRE DIMENSIONS**

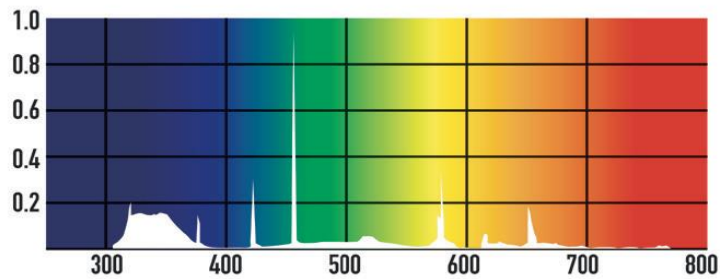


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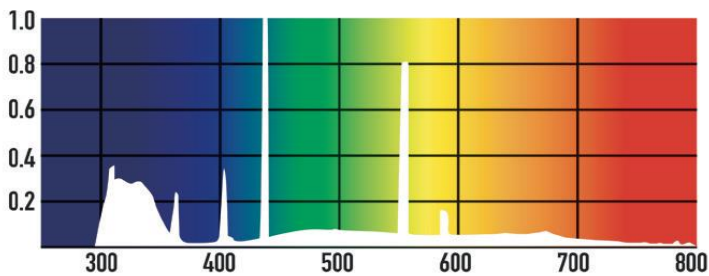
MEASUREMENTS (based on supplied lamps)

	Nominal wattage	Power usage	Energy rating	Kelvin	UVA	UVB	UVI @ 300mm	UVI @ 600mm
	W	kWh /1000h		K	%	%		
RARTP24D	24	26	A	8000	30	14	10.5	3.2
RARTP24R	24	26	A	7000	30	12	8.5	2.4
RARTP24F	24	26	A	7000	30	6	4.5	1.2
RARTP39D	39	44	A	8000	30	14	10.5	3.2
RARTP39R	39	44	A	7000	30	12	8.5	2.4
RARTP39F	39	44	A	7000	30	6	4.5	1.2
RARTP54D	54		A	8000	30	14	10.5	3.2
RARTP54R	54		A	7000	30	12	8.5	2.4
RARTP54F	54		A	7000	30	6	4.5	1.2

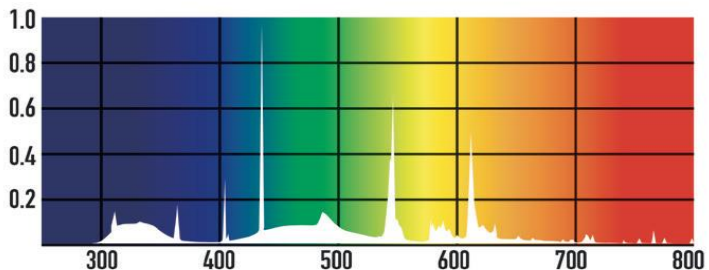
COLOUR SPECTRAL CHART wavelength nm







Dragon lamp (suffix D)



Desert lamp (suffix R)



Forest lamp (suffix F)

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COLOUR RENDER INDEX CHART
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TEST EQUIPMENT
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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
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HARMONISED STANDARDS
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LVD	RoHS
EN60598-1:2015	EN50581:2012
EN60598-2-1:1998	
EN61347-1:2015	EMC
EN61347-2-13:2014	EN55015:2013
EN62493:2015	EN61547:2009
	EN61000-3-2:2014
	EN61000-3-3:2013