



ARCADIA REPTILE



PRODUCT DATA SHEET

RARLZS

LUMENIZE PRO T5



GENERAL DESCRIPTION - Arcadia LumenIZE Pro T5s of various wattages. These luminaires are dimmable via bluetooth and app control. The app allows programming of light levels and dimming times. The luminaire is IP65 waterproof. The luminaire has an aluminium body with plastic end caps and a built in reflector. The luminaire is fitted with three rows of closely spaced LED diodes. Clip mountings, mains and link cables included

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

	W	H
RARL208	534	309
RARL214	598	371
RARL224	598	371
RARL238	898	371
RARL254	1198	1171

No. 1 Production
 Date: 21-03-23
 Rev: 01
 Date: 21-03-2023
 Rev: 01
 Date: 21-03-2023
 Rev: 01

Arcadia Reptile
 Arcadia



Model: RARLZS Part No: AR45 Dg No: CA1034
 The Lumenize T5 General Assembly



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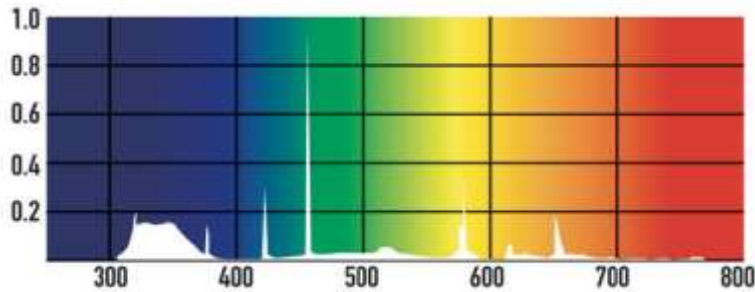
LUMENIZE PRO T5



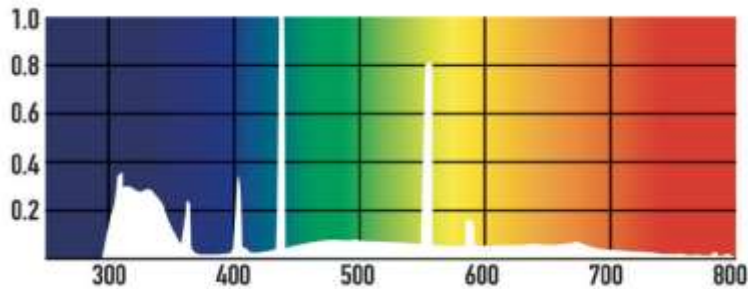
MEASUREMENTS (based on supplied lamps)

	Nominal wattage	Power usage						
	W	kWh /1000h						
RARLZS08	8	8.6						
RARLZS14	14	14.2						
RARLZS24	24	24.2						
RARLZS39	39	40.1						
RARLZS54	54	54						

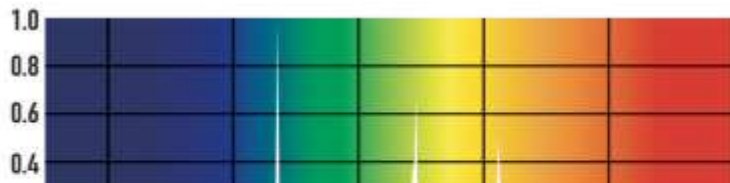
COLOUR SPECTRAL CHART wavelength nm



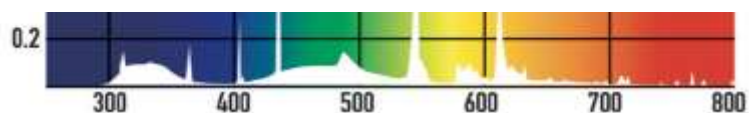
Dragon lamp (suffix D)







Desert lamp (suffix R)



Forest lamp (suffix F)



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COLOUR RENDER INDEX CHART

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
EN60598-1:2021	IEC62321-4:2013+A1:2017
EN60598-2-4:2018	IEC62321-5:2013
EMC	IEC62321-7-1:2015
EN55015:2019+A11:2020	IEC62321-7-2:2017
EN61547:2009	IEC62321-6:2015
EN61000-3-2:2019+A1:2021	IEC62321-8:2017

EN61000-3-3:2013+A1:2019