



ARCADIA REPTILE

PRODUCT DATA SHEET



RSMA

D3 UV BASKING LAMP



GENERAL DESCRIPTION - a range of D3 mercury vapour basking lamps with E27 fittings. These lamps will heat a large basking area while providing high levels of UVA and UVB.

SPECIAL PRECAUTIONS

These lamps have a high light output, do not look directly at the lamp when it is lit. Switch off the lamp and allow it to cool before handling. Dispose of in line with WEEE regulations.

LAMP DIMENSIONS

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	'A'		Dia 'B'	Thread 'C'
RSMAB0E27	135		92	E27
RSMAL00E27	185		125	E27
RSMAL60E27	185		125	E27
RSMAB0E26Z	135		92	E26
RSMAL00E26Z	185		125	E26
RSMAL60E26Z	185		125	E26

NOTES:
 1. SURFACE PROFILES AND PART DETAIL TO BE TAKEN FROM 3D CAD FILE ONLY.
 2. THIS DRAWING TO BE USED FOR REFERENCE ONLY.
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REV	DESCRIPTION	DATE	APPROVED	BY
1	Production	25-09-2022		

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 Mod # 0

D3 EVO Mercury vapour lamp RSMA

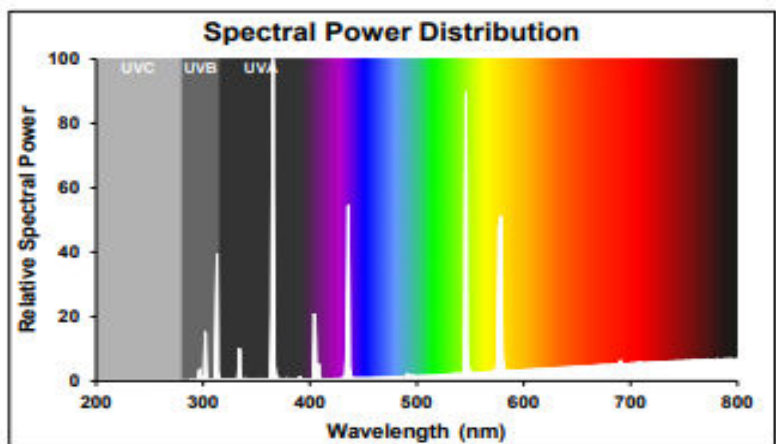
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MEASUREMENTS

	Nominal wattage	Rated Power	Power usage	Lumen output	Lumens per watt	Energy rating
	W	W	kWh/1000h	lm	lm/W	
RSMA80E27	80		0		#DIV/0!	
RSMA100E27	100		0		#DIV/0!	
RSMA160E27	160		0		#DIV/0!	
			0		#DIV/0!	
			0		#DIV/0!	
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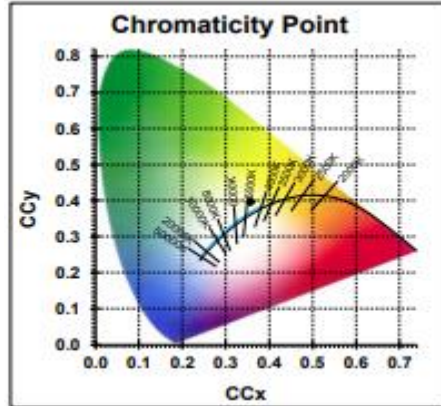
	Colour temp.	Lux @ 200mm	Lux @ 400mm	PAR @ 200mm	PAR @ 400mm	UVA	UVB	UVC
	K	lx	lx	m ⁻² s ⁻¹	m ⁻² s ⁻¹	%	%	%
RSMA80E27	4000							
RSMA100E27	4000							
RSMA160E27	4000							

COLOUR SPECTRAL CHART wavelength nm



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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
EN62035:2014
EN62493:2015

RoHS
EN50581:2012

EMC
EN55015:2013
EN61547:2009
EN61000-3-2:2014
EN61000-3-3:2013