



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. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.
 3. DIMENSIONS TO FACE UNLESS OTHERWISE SPECIFIED.
 4. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.
 5. DIMENSIONS TO FACE UNLESS OTHERWISE SPECIFIED.
 6. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.

REV	DESCRIPTION	DATE	APPROVED BY	DATE
1	Production	25-09-2022		25-09-2022

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Part No: D3 EVO Mercury vapour lamp RSMA

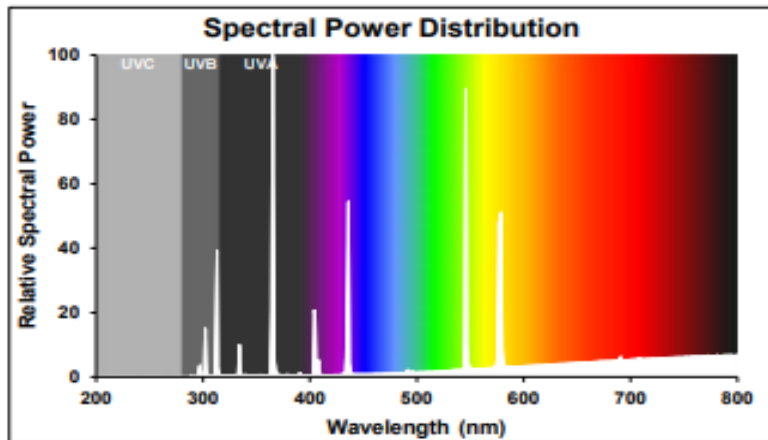
	ARCADIA REPTILE	
	PRODUCT DATA SHEET	
RSMA	D3 UV BASKING LAMP	 





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!	
			0		#DIV/0!	
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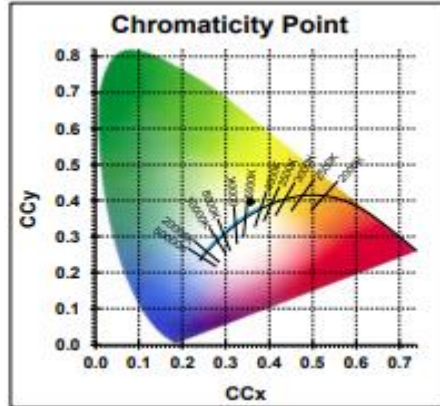
	Colour temp.	Lux @ 200mm	Lux @ 400mm	PAR @ 200mm	PAR @ 400mm	UVA	UVB	UVC
	K	lx	lx	m ⁻² s ⁻¹	m ⁻² s ⁻¹	%	%	%
RSMA80E27	4000							
RSMA100E27	4000							
RSMA160E27	4000							

COLOUR SPECTRAL CHART wavelength nm



	ARCADIA REPTILE	
	PRODUCT DATA SHEET	
RSMA	D3 UV BASKING LAMP	 

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
EN62035:2014	EN50581:2012
EN62493:2015	

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