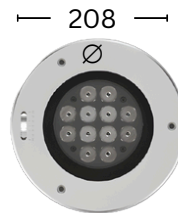
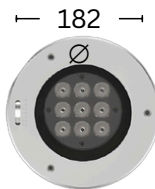


AZURE

lighting solutions



Volcanus Adjustable Inground Lights



CASAMBI



RGB



RGBW

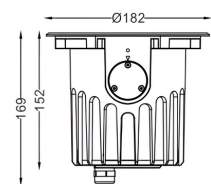
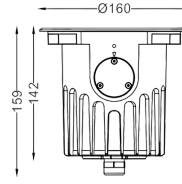
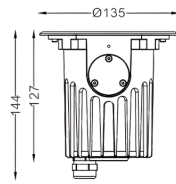


Tunable White

SYDNEY
AUSTRALIA

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Product Specifications



Product Name:	Volcanus.135	Volcanus.160	Volcanus.182
Power Consumption:	6-12W	15-18W	18-24W
Total luminous flux:	Up to 1220 lm	Up to 1880 lm	Up to 2600lm
Beam Angles - Single Colour	5°, 8°, 10°, 12°, 20°, 25°, 30°, 40°, 45°, 60°, 10*22°, 15*55°, 20*60°		
Beam Angles - RGB, RGBW:	25°, 40°, 60°,		

General Specifications

Fixture Material:	Stainless Steel 316
Finish:	Stainless Steel
Mounting:	Ground Recessed
Adjustability	25° Tilt Angle
Diffuser:	8mm Tempered Glass, Optional Honeycomb Louver and Diffused Lens
LED Type:	CREE
Binning:	3 Step MacAdam
Correlated Colour Temperature	2200K, 2700K, 3000K, 4000K, 6000K, Tunable White, RGB, RGBW, Custom
Colour Rendering Index:	>90
R9 Value:	>50
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	24VDC, 220-240VAC 50-60Hz
Control Options:	Non Dim, Phase Dim, 0-10V, DALI, DMX512, Casambi
Protection Class:	Class I, Class III
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP67
IK Rating:	IK09
Warranty:	7 Years

Accessories

Mounting Sleeve



Square Trim



Honeycomb Louver

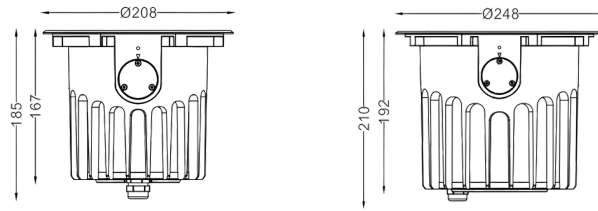


Diffused Lens



Lumen values are based on CRI90 at CCT 3000K

All product specifications and data are subject to change without notice



Product Specifications

Product Name:	Volcanus.208	Volcanus.248
Power Consumption:	36-40W	36-60W
Total luminous flux:	Up to 4600 lm	Up to 7200 lm
Beam Angles - Single Colour	5°, 8°, 10°, 12°, 20°, 25°, 30°, 40°, 45°, 60°, 10*22°, 15*55°, 20*60°	
Beam Angles - RGB, RGBW:	25°, 40°, 60°	

General Specifications

Fixture Material:	Stainless Steel 316
Finish:	Stainless Steel
Mounting:	Ground Recessed
Adjustability	25° Tilt Angle
Diffuser:	8mm Tempered Glass (Honeycomb louver optional)
Beam Angle:	8°, 15°, 30°, 40°, 60°
LED Type:	CREE
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K, 3000K, 4000K, 6000K, Tunable White, RGB, RGBW, Custom
Colour Rendering Index:	>90
R9 Value:	>50
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	24VDC, 220-240VAC 50-60Hz
Control Options:	Non Dim, Phase Dim, 0-10V, DALI, DMX512, Casambi
Protection Class:	Class I, Class III
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP67
IK Rating:	IK09
Warranty:	5 Years

Accessories

Mounting Sleeve



Square Trim



Honeycomb Louver



Diffused Lens



Lumen values are based on CRI90 at CCT 3000K

All product specifications and data are subject to change without notice

Colour Rendering Index

The Color Rendering Index (CRI) serves as a metric to gauge how accurately a light source portrays the colors of various objects in a given space. Originally comprised of 8 sample colors, the CRI has expanded to 15 samples to provide a more comprehensive evaluation. Notably, within these samples, R9 to R15 focus on assessing special colors with high chroma. Specifically, R9 evaluates the rendering of red tones, while R15 is dedicated to evaluating the portrayal of skin tones. This extension of color samples, coupled with attention to high-chroma colors, enhances the precision in evaluating a light source's ability to faithfully reproduce a diverse range of colors.

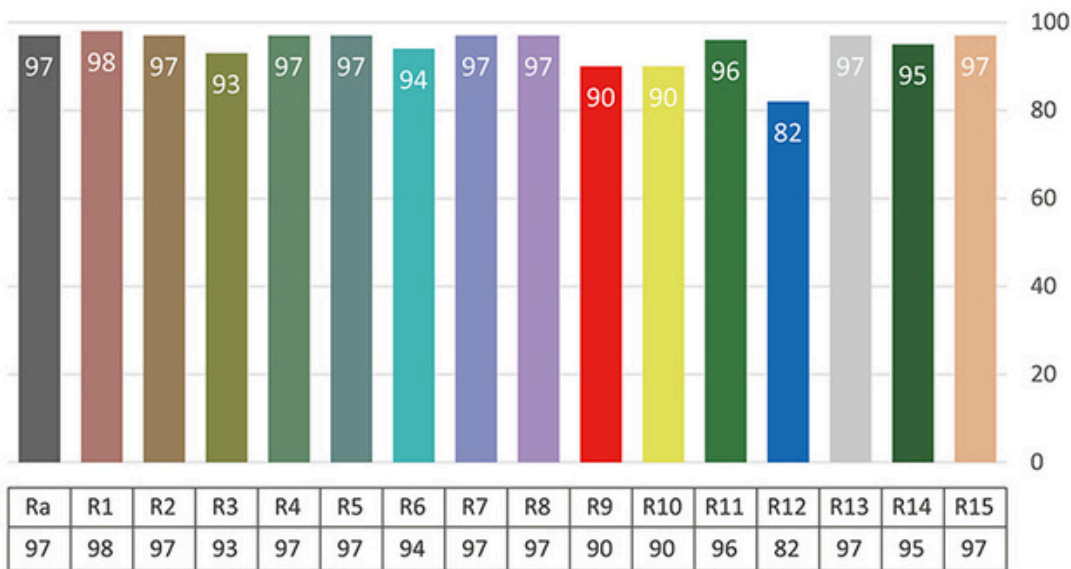
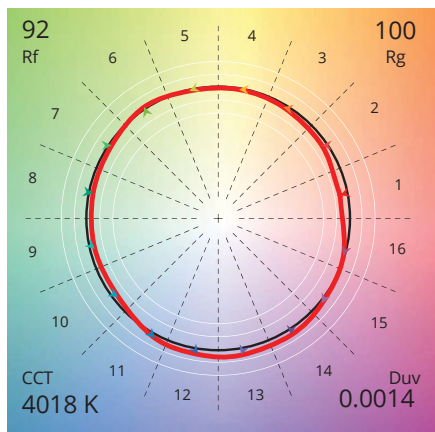


Fig 1 - Colour Rendering Index 4000K, CRI >95

TM30 Rf 92
Rg 100



IES TM-30

TM-30 is the Illuminating Engineering Society (IES) Method for Evaluating Light Source Color Rendition, is a standard developed by the IES to assess the color rendering properties of light sources. It provides a comprehensive set of metrics and values that go beyond the traditional color rendering index (CRI), offering a more detailed and accurate understanding of how well a light source renders colors.

Fig 2 -Colour Vector Graphic 4000K, CRI >90