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INFINITUM PICO SERIES

40 RECESSED

Recessed Linear Profile

40mm Wide x 75mm High

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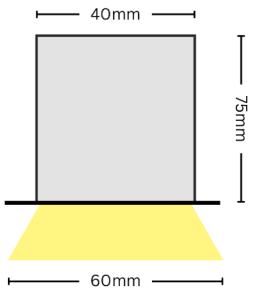
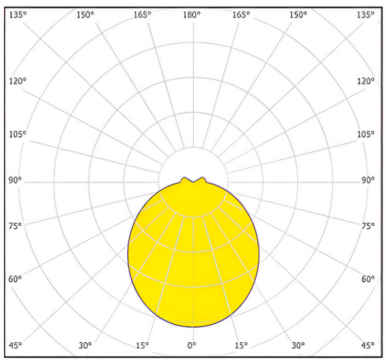


Product Specifications

Fixture Material	Aluminium
Finish	White, Black, Custom
Mounting Option	Recessed
Orientation	Direct Only
Power	10-25W Per meter
Diffuser	Opal, Microprismatic
Lumen Efficacy	Up to 110 Lumens/Watt
Binning	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,Tunable White, RGBW
Colour Rendering Index	>90, >95
R9 Value	>50
Input Voltage	220-240VAC 50-60Hz
THD	<10%
Control Options	DALI, DALI DT8, Push Dim,0-10V,Casambi
LED Driver	Philips Xitanium Driver
Power Factor	>0.98
Protection Class	Class I
Ambient Operating Temperature	-25° to 50°
Lumen Maintenance	L80 B10 72,000 Hours
Ingress Protection	IP20
Bend Options	90°,135°, T , X ,Y, Custom
Warranty	7 Years

Photometry



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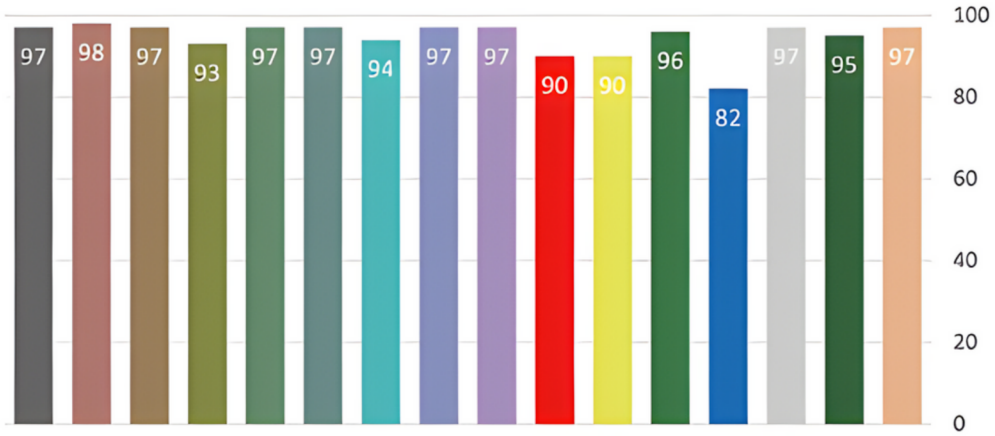
Colour Rendering Index

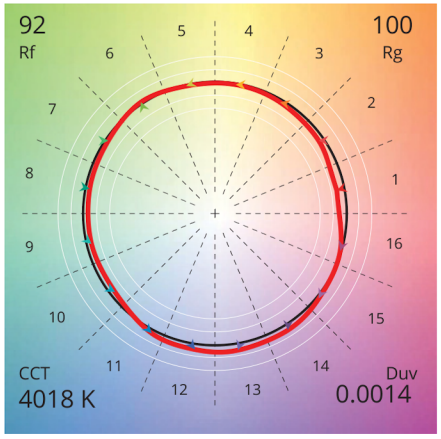
The Color Rendering Index (CRI) serves as a metric to gauge how accurately a light source portrays the colors of various objects in a given space. Originally comprised of 8 sample colors, the CRI has expanded to 15 samples to provide a more comprehensive evaluation. Notably, within these samples, R9 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.



Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97	98	97	93	97	97	94	97	97	90	90	96	82	97	95	97

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