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Margo
Linear Inground Lights

IP67 CRI >90 IK09

CE RoHs III CASAMBI RGB RGBW

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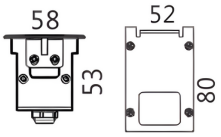
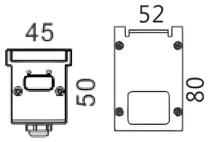
Product Specifications

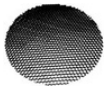




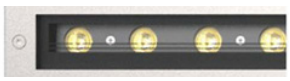
Product Name:	Margo.REC	Margo.TL
Power Consumption:	24W/m	24W/m
Available Lengths:	345mm,545mm,1045mm	300mm,500mm,1000mm
Total luminous flux:	Up to 2880lm	Up to 2880lm
Beam Angle:	10°,25°,45°,60°,100,10°*60°	10°,25°,45°,60°,100,10°*60°

General Specifications

Trim Material:	316 Marine Grade Stainless Steel
Finish:	Stainless Steel, Cusom PC
Glass:	Clear and Frosted 8mm Tempered Glass
Mounting:	Recessed
Diffuser:	Honeycomb Louver, Black Silk Cover
LED Type:	SMD
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K, 3000K, 4000K, 6000K, RGB,RGBW
Colour Rendering Index:	>90
R9 Value:	>50
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz, 24VDC, 36VDC, 48VDC
Control Gear:	Non Dim, DALI, 1-10V, Phase Dim, PWM, DMX512
Protection Class:	Class I,Class III
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP67
IK Rating:	IK09
Warranty:	5 Years



Honeycomb Louver



Black Silk

Lumen values are based on CRI80 at CCT 3000K
All product specifications and data are subject to change without notice

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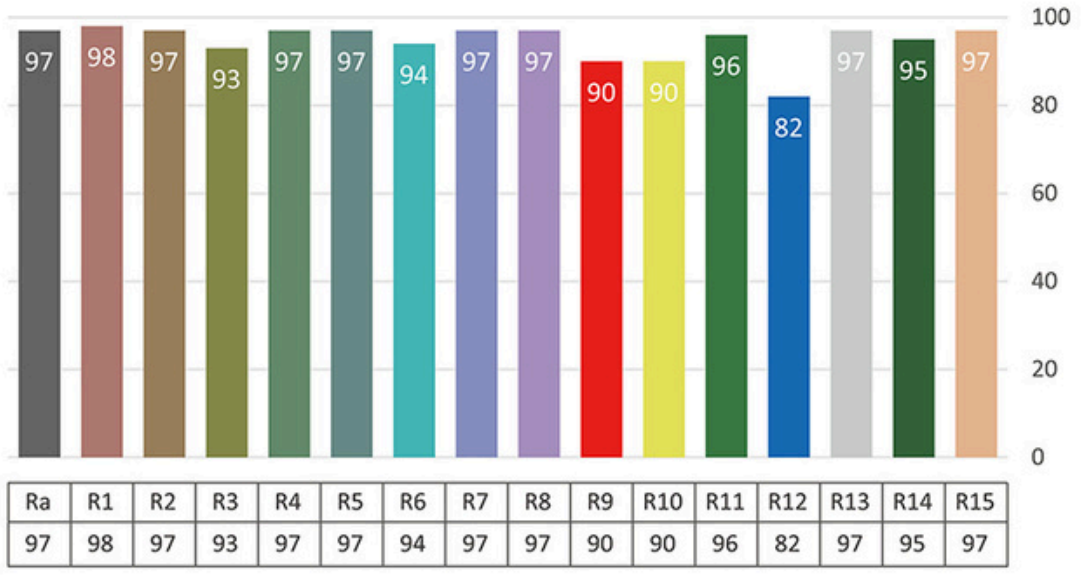
Colour Rendering Index

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

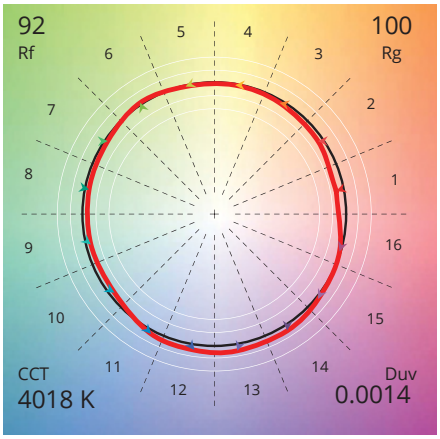


Fig 2 -Colour Vector Graphic 4000K, CRI >90

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.