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Recta

Surface Mount Light

IP20 CRI>90 35°

CE RoHs

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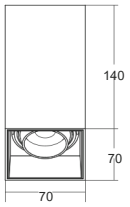

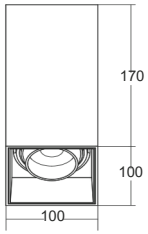

Product Specifications

Product Name:	Recta.70	Recta.100
Power Consumption:	8W,10W	15W,20W
Total Luminous Flux:	Up to 1050lm	Up to 2100lm
Dimensions (LxWxH):	70x70x140mm	100x100x170mm
Beam Angle:	18°, 24°, 36°, 50°	18°, 24°, 36°, 50°

General Specifications

Fixture Material:	Aluminium
Trim Finish:	Black, White,Custom
Mounting:	Surface
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,4000K,5000K,6000K
Colour Rendering Index:	>90
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	Integral Tridonic or equivalent driver
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class I
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP20
Warranty:	7 Years

Lumen values are based on CRI90 at CCT 4000K
All product specifications and data are subject to change without notice

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Specification Code

Recta.70	.	8	.	20	.	927.		N	.	15	.	B
		8=8W 10=10W		**20=IP20**		**927=2700K** 930=3000K 940=4000K 950=5000K 957=5700K 960=6000K 965=6500K		**N=NON DIM** D=DALI P=PUSH DIM T=TRIAC DIM 0=0-10V C=CASAMBI		**18=18°** 24=24° 38=28° 50=50°		**B=BLACK** W=WHITE
Recta.100	.	8	.	20	.	927.		N	.	15	.	B
		15=15W 20=20W		**20=IP20**		**927=2700K** 930=3000K 940=4000K 950=5000K 957=5700K 960=6000K 965=6500K		**N=NON DIM** D=DALI P=PUSH DIM T=TRIAC DIM 0=0-10V C=CASAMBI		**18=18°** 24=24° 38=28° 50=50°		**B=BLACK** W=WHITE

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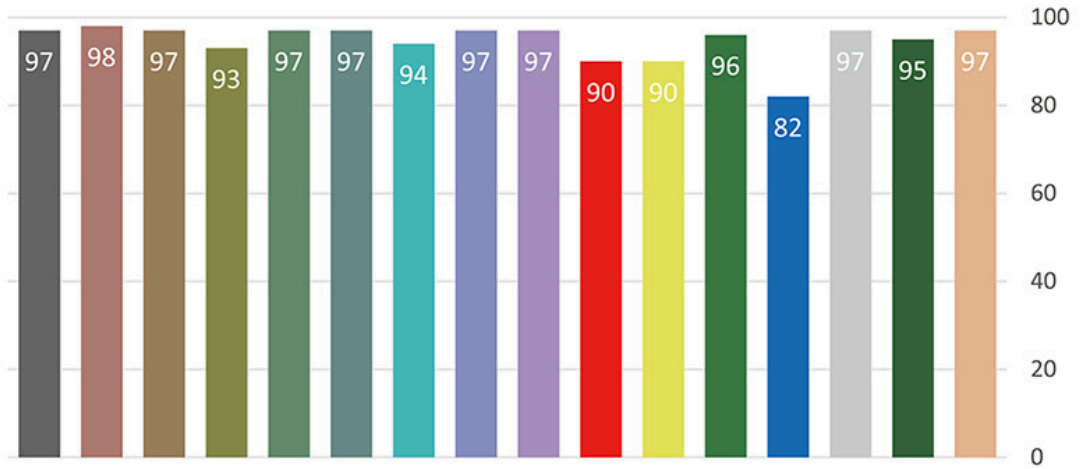
Colour Rendering Index

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

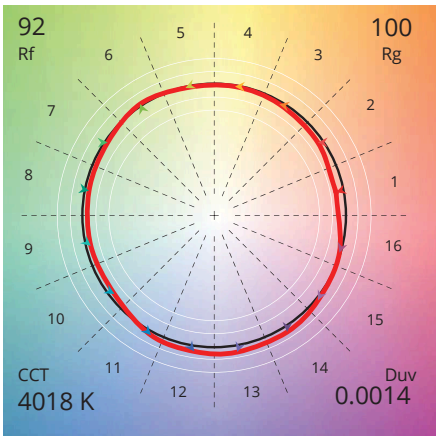


Fig 2 -Colour Vector Graphic 4000K, CRI >90

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.