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Ecospot

Recessed Downlight

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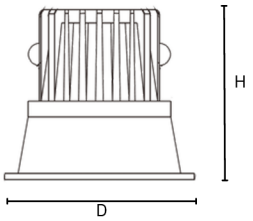

Product Specifications

Power Consumption:	10W
Total luminous flux:	850 Lumen
Dimensions (DxH):	Ø82x68mm
Cutout (D):	Ø70-78mm
Beam Angle:	15°,24°,38°,60°
Adjustability:	Fixed

General Specifications

Fixture Material:	Aluminium
Trim Finish:	White, Black
Mounting:	Recessed
LED Type:	COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	3000K,4000K,6000K
Colour Rendering Index:	>90
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	Remote
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class II
Lumen Maintenance:	L80 B10 50,000 Hours
IP Rating:	IP44
Warranty:	5 Years

Lumen values are based on CRI80 at CCT 4000K
All product specifications and data are subject to change without notice

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Specification Code

Ecospot.82	. F	. 10	. 44	. 927.	N	. 15	. B
	F=Fixed	**10=10W**	**44=IP44**	**927=2700K** 930=3000K 935=3500K 940=4000K 950=5000K 960=6000K 965=6500K	**N=NON DIM** D=DALI P=PUSH DIM T=TRIAC DIM 0=0-10V C=CASAMBI	**15=15°** 24=24° 38=38° 60=60°	**B=BLACK** W=WHITE

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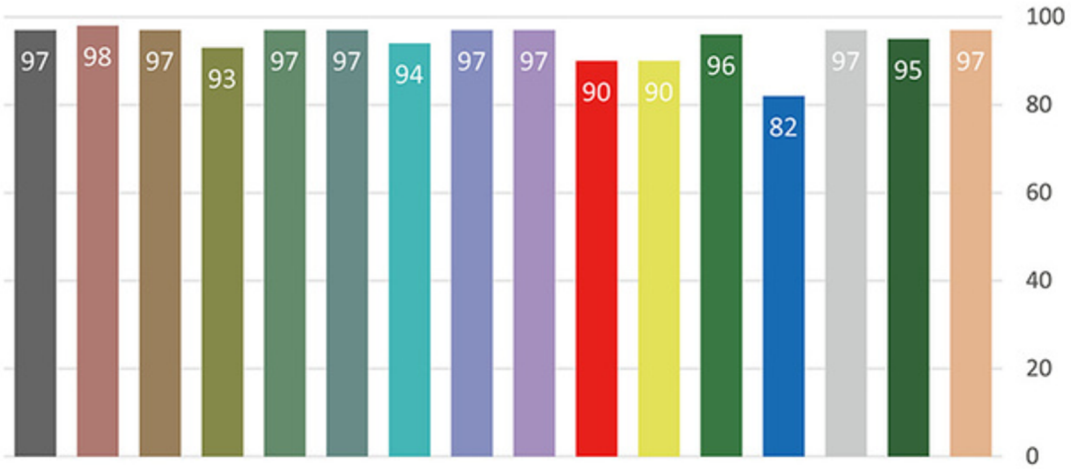
Colour Rendering Index

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

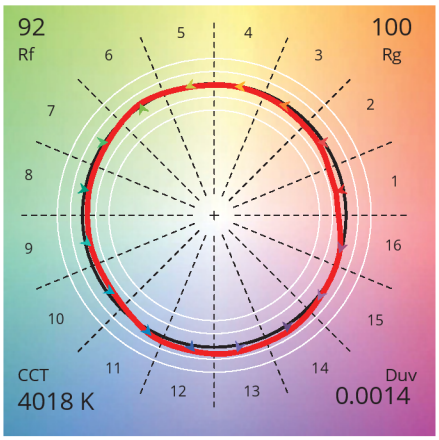


Fig 2 -Colour Vector Graphic 4000K, CRI >90

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.