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Rigel

Oyster Light

IP 54 IP65 IK10 CRI >90

CE RoHs

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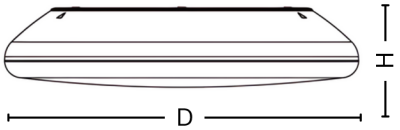

Product Specifications

Product:	Rigel.250	Rigel.300	Rigel.380
Power Consumption:	12W-18W	18W-25W	25W-35W
Total luminous flux:	Up to 2250lm	Up to 3125lm	Up to 4375lm
Dimensions (DxH):	Ø250x62mm	Ø300x62mm	Ø380x62mm
Beam Angle:	110°	110°	110°

General Specifications

Fixture Material:	Polycarbonate, Aluminium
Base Finish:	White, Chrome
Mounting:	Surface
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,4000K,5000K,6000K
Colour Rendering Index:	>80, >90
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	Osram
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi,Microwave Sensor
Protection Class:	Class I
Lumen Maintenance:	L80 B10 50,000 Hours
IP Rating:	IP54, IP65
Emergency:	3 Hour Battery Back Up
Warranty:	5 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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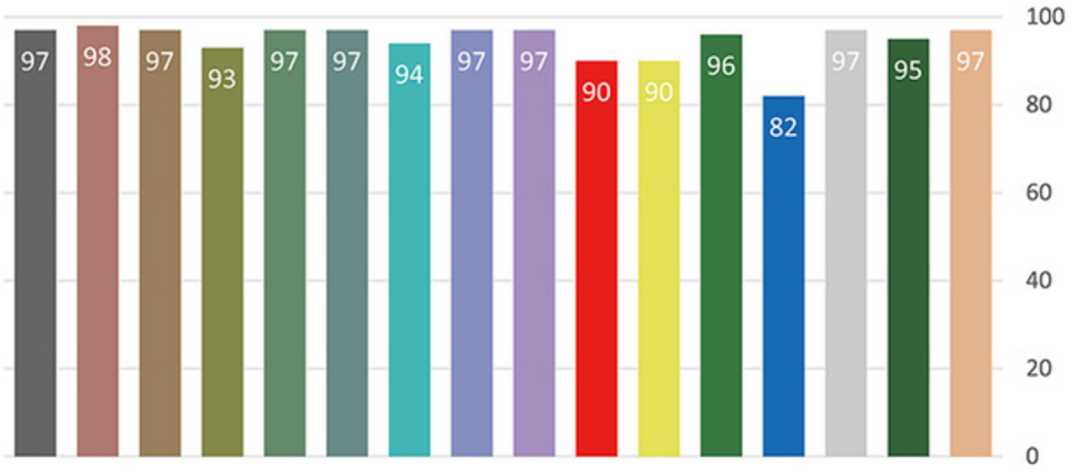
Colour Rendering Index

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

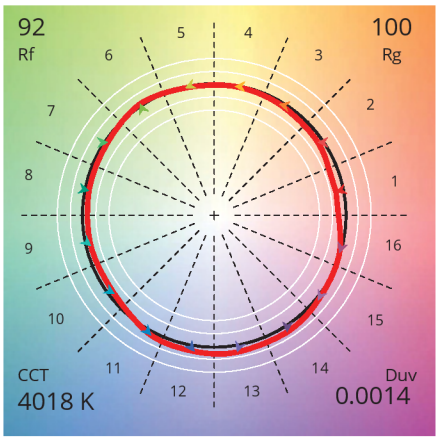


Fig 2 -Colour Vector Graphic 4000K, CRI >90

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.