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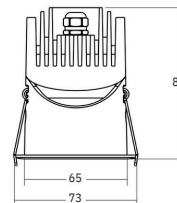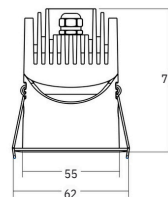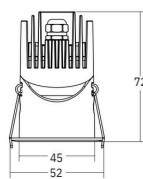
LUMINEX IP65
Recessed Downlights

IP65 · CRI >90 · 35°

CE RoHs

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Product Specifications

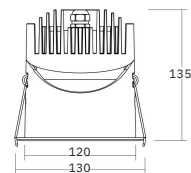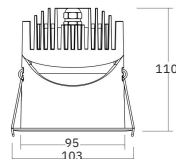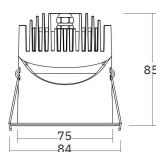| Product Name:	Luminex.52	Luminex.62	Luminex.73
Power Consumption:	6W	8W	10W
Total luminous flux:	480lm	600lm	850lm
Dimensions (DxH):	Ø52x72mm	Ø62x77mm	Ø73x80mm
Cutout (D):	Ø45mm	Ø55mm	Ø65mm
Beam Angle:	15°, 24°, 38°, 55°	15°, 24°, 38°, 55°	15°, 24°, 38°, 55°
Adjustability:	Fixed, Adjustable	Fixed, Adjustable	Fixed, Adjustable

General Specifications

Fixture Material:	Aluminium
Trim Finish:	White,Black,Gold,Silver,Chrome Silver
Mounting:	Recessed
Reflector Finish:	White,Black,Gold,Silver,Chrome Silver
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K, Tunable White(2700-6500K)
Colour Rendering Index:	>90
R9 Value:	>50
Light Distribution:	Symmetric
Optical Cut-off Angle:	35°
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	Remote Tridonic or equivalent driver
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class II
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP65
Warranty:	7 Years

Product comes with white reflector as standard
Lumen values are based on CRI90 at CCT 4000K
All product specifications and data are subject to change without notice

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Product Specifications

Product Name:	Luminex.84	Luminex.103	Luminex.130
Power Consumption:	12W	20W	30W
Total luminous flux:	1080lm	1960lm	3150lm
Dimensions (DxH):	Ø84x85mm	Ø103x110mm	Ø130x135mm
Cutout (D):	Ø75mm	Ø95mm	Ø120mm
Beam Angle:	15°, 24°, 38°, 55°	15°, 24°, 38°, 55°	15°, 24°, 38°, 55°
Adjustability:	Fixed, Adjustable	Fixed, Adjustable	Fixed, Adjustable

General Specifications

Fixture Material:	Aluminium
Trim Finish:	White,Black,Gold,Silver,Chrome Silver
Mounting:	Recessed
Reflector Finish:	White,Black,Gold,Silver,Chrome Silver
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K, Tunable White(2700-6500K)
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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.
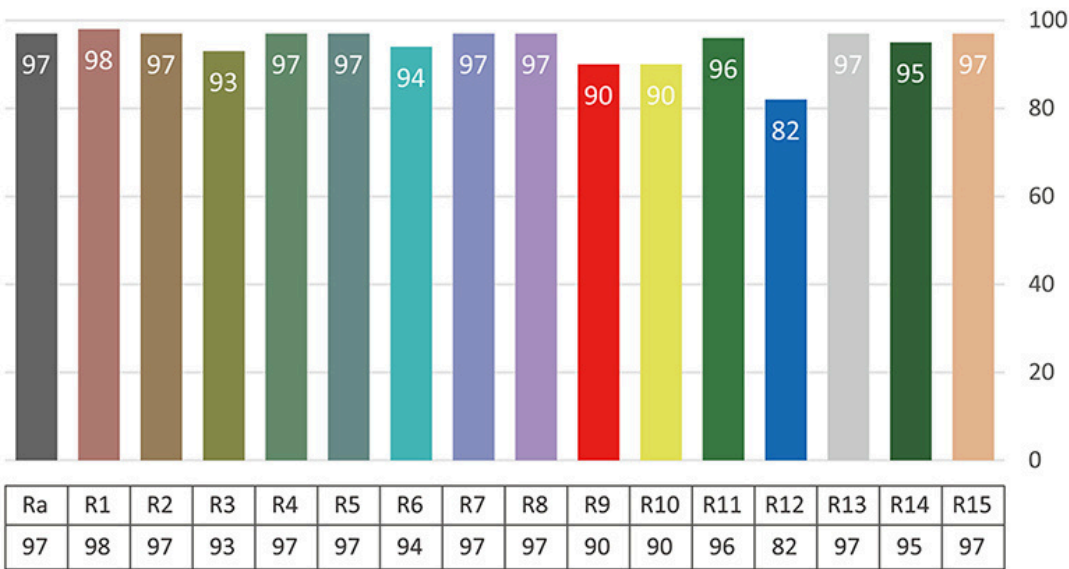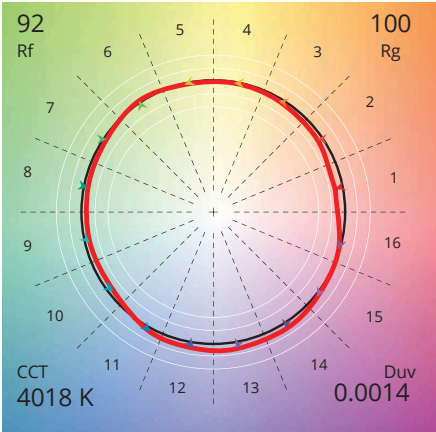

Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97	98	97	93	97	97	94	97	97	90	90	96	82	97	95	97

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