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Obversa

Trunk Recessed Downlight

IP 20 CRI >90 90° 355°

CE RoHs

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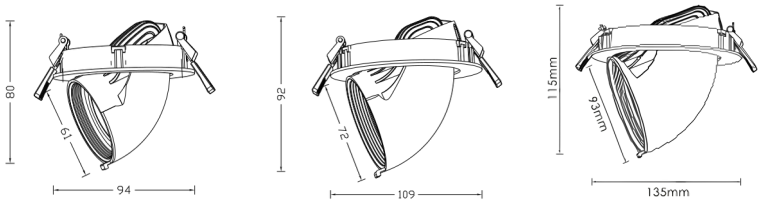
Product Specifications



Product Name	Obversa.61	Obversa.72	Obversa.93
Power Consumption:	Up to 12W	Up to 20W	Up to 30W
Total luminous flux:	Up to 1050lm	Up to 1750lm	Up to 3250m
Dimensions (DxH):	See drawing	See drawing	See drawing
Cutout (D):	Ø85mm	Ø100mm	Ø125mm
Beam Angle:	15°,24°, 36°,60°	15°,24°, 36°,60°	15°,24°, 36°,60°
Adjustability:	Y Axis: 90°, X Axis: 355°	Y Axis: 90°, X Axis: 355°	Y Axis: 90°, X Axis: 355°

General Specifications

Fixture Material:	Aluminium
Trim Finish:	Black, White,Custom
Mounting:	Recessed
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K
Colour Rendering Index:	>90
R9 Value:	>50
Optical Cut-off Angle:	35°
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	TCI
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class II
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP20, IP54,IP65
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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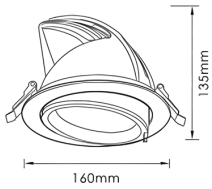

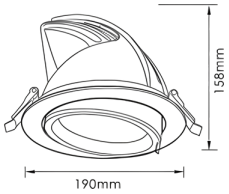

Product Specifications

Product Name	Obversa.160	Obversa.190
Power Consumption:	Up to 38W	Up to 60W
Total luminous flux:	Up to 3680lm	Up to 5760lm
Dimensions (DxH):	See drawing	See drawing
Cutout (D):	Ø145mm	Ø175mm
Beam Angle:	15°,24°, 36°	15°,24°, 36°
Adjustability:	Y Axis: 90°, X Axis: 355°	Y Axis: 90°, X Axis: 355°

General Specifications

Fixture Material:	Aluminium
Trim Finish:	Black, White,Custom
Mounting:	Recessed
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K
Colour Rendering Index:	>90
R9 Value:	>50
Optical Cut-off Angle:	35°
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	TCI
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class II
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP20, IP54,IP65
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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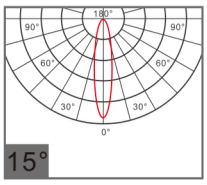
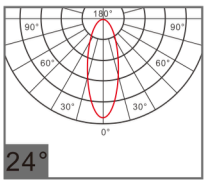
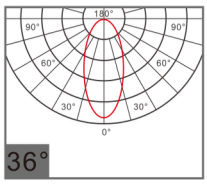
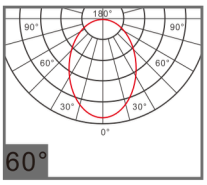
Photometrics









Specifications Code

Obversa.61 . 12 . 20 . 930 . N . 15

12=12W	20=IP20	927=2700K 930=3000K 935=3500K 940=4000K 950=5000K	N=NON DIM D=DALI P=PUSH DIM 0=0-10V C=CASAMBI	15=15° 24=24° 36=36° 60=60°

Obversa.72 . 20 . 20 . 930 . N . 15

20=20W	20=IP20	927=2700K 930=3000K 935=3500K 940=4000K 950=5000K	N=NON DIM D=DALI P=PUSH DIM 0=0-10V C=CASAMBI	15=15° 24=24° 36=36° 60=60°

Obversa.93 . 30 . 20 . 930 . N . 15

30=30W	20=IP20	927=2700K 930=3000K 935=3500K 940=4000K 950=5000K	N=NON DIM D=DALI P=PUSH DIM 0=0-10V C=CASAMBI	15=15° 24=24° 36=36° 60=60°

Obversa.160 . 38 . 20 . 930 . N . 15

38=38W	20=IP20	927=2700K 930=3000K 935=3500K 940=4000K 950=5000K	N=NON DIM D=DALI P=PUSH DIM 0=0-10V C=CASAMBI	15=15° 24=24° 36=36°

Obversa.190 . 60 . 20 . 930 . N . 15

60=60W	20=IP20	927=2700K 930=3000K 935=3500K 940=4000K 950=5000K	N=NON DIM D=DALI P=PUSH DIM 0=0-10V C=CASAMBI	15=15° 24=24° 36=36°

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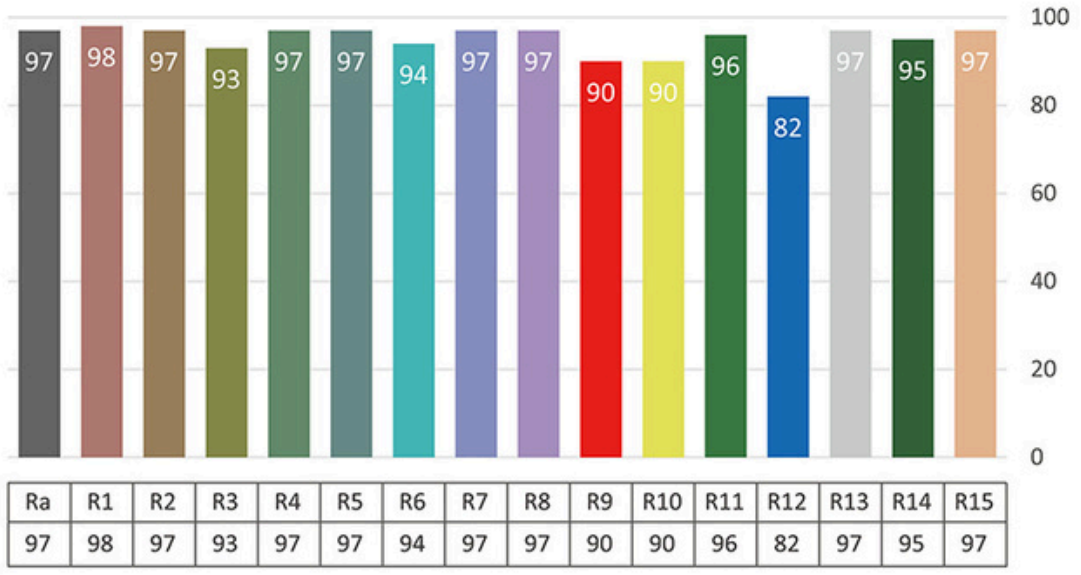
Colour Rendering Index

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

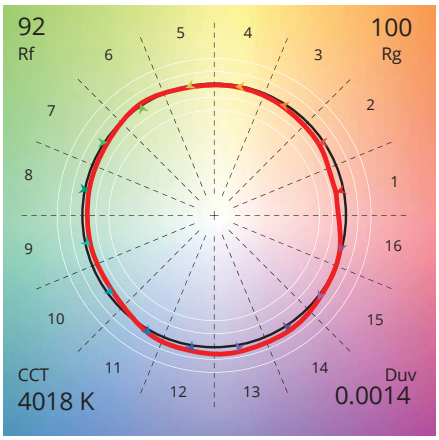


Fig 2 -Colour Vector Graphic 4000K, CRI >90

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.