

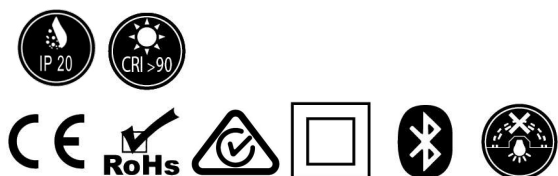
AZURE

lighting solutions

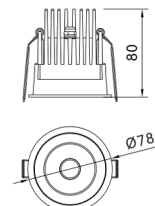
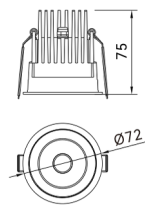


NEXIA

Premium Recessed Downlight



AZURELIGHTINGSOLUTIONS.COM
02 9188 7712



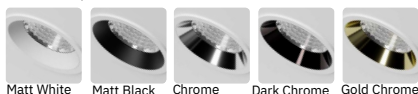
Product Specifications

Product Name:	Nexia.72	Nexia.78
Power Consumption:	Up to 12W	Up to 15W
Total luminous flux:	Up to 1260lm	Up to 1575lm
Dimensions (DxH):	Ø72x75mm	Ø79x80mm
Cutout (D):	Ø65mm	Ø70mm
Beam Angle:	24°, 36°, 50°	24°, 36°, 50°
Adjustability:	Fixed	Fixed

General Specifications

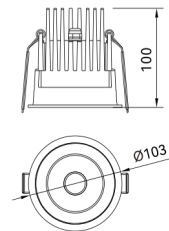
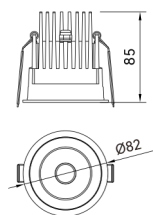
Fixture Material:	Aluminium
Trim Finish:	Black, White, Custom
Mounting:	Recessed
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K, 3000K, 3500K, 4000K, 5000K
Colour Rendering Index:	>90, >95
R9 Value:	>50
Light Distribution:	Symmetric
Optical Cut-off Angle:	45°
Unified Glare Rating:	UGR<9
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	TCI or equivalent Driver
Control Options:	Fixed Output, Phase Dim, DALI, Push Dim, 0-10V, Casambi
Protection Class:	Class II
Lumen Maintenance:	L80 B10 72,000 Hours
IP Rating:	IP20
Warranty:	7 Years

Reflector options



Lumen values are based on CRI90 at CCT 4000K

All product specifications and data are subject to change without notice



Product Specifications

Product Name:	Nexia.82	Nexia.103
Power Consumption:	Up to 18W	Up to 25W
Total luminous flux:	Up to 2060lm	Up to 2750lm
Dimensions (DxH):	Ø82x85mm	Ø103x100mm
Cutout (D):	Ø75mm	Ø90mm
Beam Angle:	24°, 36°, 50°	24°, 36°, 50°
Adjustability:	Fixed	Fixed

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, >95
R9 Value:	>50
Light Distribution:	Symmetric
Optical Cut-off Angle:	45°
Unified Glare Rating:	UGR<9
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	TCI or equivalent Driver
Control Options:	Fixed Output, Phase Dim, DALI, Push Dim, 0-10V, Casambi
Protection Class:	Class II
Lumen Maintenance:	L80 B10 72,000 Hours
IP Rating:	IP20
Warranty:	7 Years

Reflector options



Matt White



Matt Black



Chrome



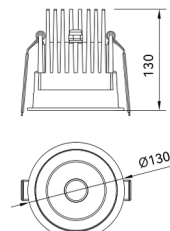
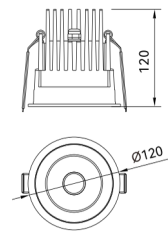
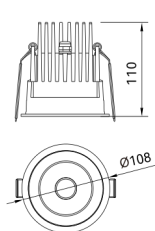
Dark Chrome



Gold Chrome

Lumen values are based on CRI90 at CCT 4000K

All product specifications and data are subject to change without notice



Product Specifications

Product Name:	Nexia.108	Nexia.120	Nexia.130
Power Consumption:	Up to 30W	Up to 35W	Up to 45W
Total luminous flux:	Up to 3310lm	Up to 3720lm	Up to 4425lm
Dimensions (DxH):	Ø108x110mm	Ø120x120mm	Ø130x130mm
Cutout (D):	Ø100mm	Ø110mm	Ø120mm
Beam Angle:	24°, 36°, 50°	24°, 36°, 50°	24°, 36°, 50°
Adjustability:	Fixed	Fixed	Fixed

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, >95
R9 Value:	>50
Light Distribution:	Symmetric
Optical Cut-off Angle:	45°
Unified Glare Rating:	UGR<9
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	TCI or equivalent Driver
Control Options:	Fixed Output, Phase Dim, DALI, Push Dim, 0-10V, Casambi
Protection Class:	Class II
Lumen Maintenance:	L80 B10 72,000 Hours
IP Rating:	IP20
Warranty:	7 Years

Reflector options



Matt White



Matt Black



Chrome



Dark Chrome



Gold Chrome

Lumen values are based on CRI90 at CCT 4000K

All product specifications and data are subject to change without notice

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.

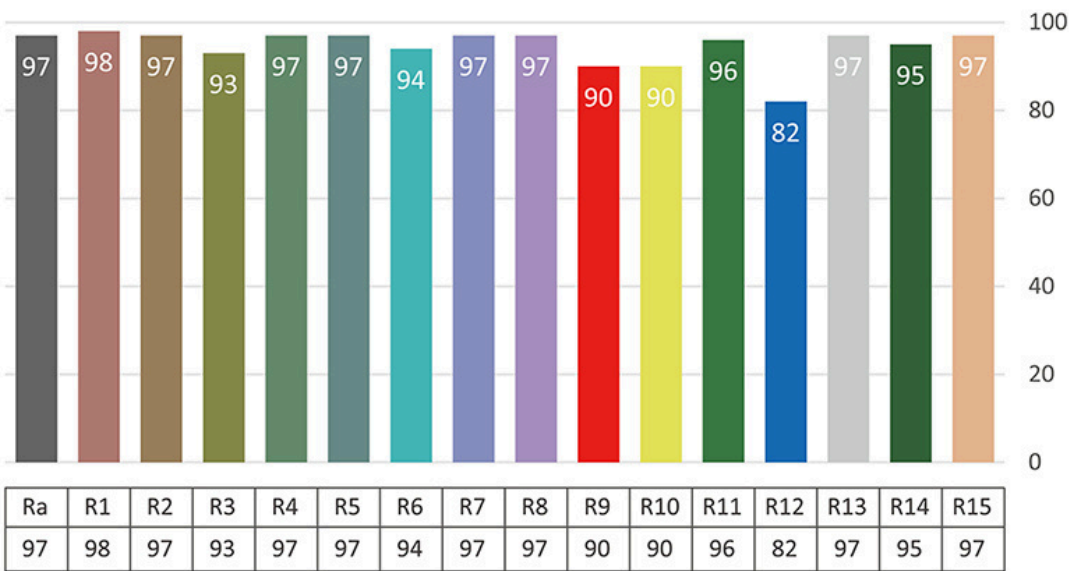
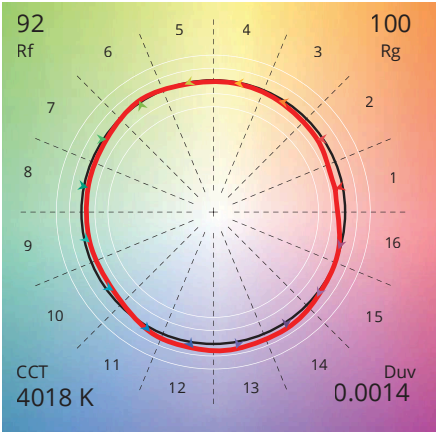


Fig 1 - Colour Rendering Index 4000K, CRI >95

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