AZURE

lighting solutions

Tubella
Surface Mount Lights

IP 20 · CRI >90 · CRI >90 · Anti-Glare

CE · RoHs · CASAMBI

AZURE
lighting
solutions
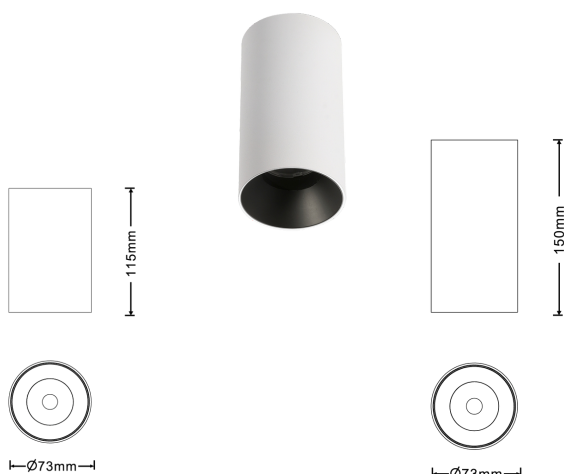
Product Specifications

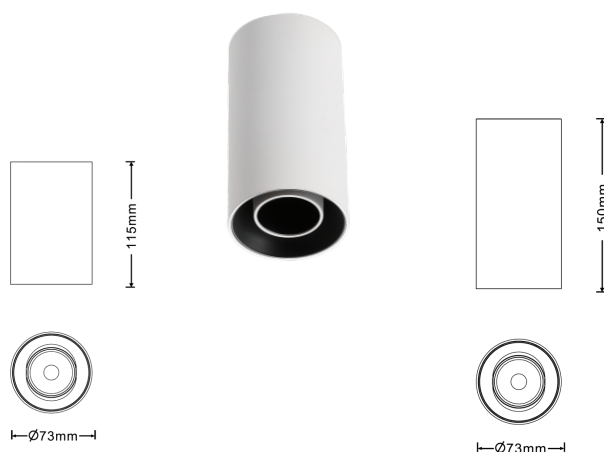| Product Name:	Tubella.115	Tubella.150
Power Consumption:	Up to 8W	Up to 12W
Total Luminous Flux:	Up to 720lm	Up to 1180lm
Dimensions (DxH):	Ø73x115mm	Ø73x150mm
Beam Angle:	10°, 15°,24°, 36°, 50°	18°, 24°, 36°, 50°

115mm · Ø73mm

150mm · Ø73mm

General Specifications

Fixture Material:	Aluminium
Trim Finish:	Black, White,Custom
Mounting:	Surface
Diffuser (Optional):	Honeycomb Louver, Frosted Glass
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,4000K,5000K,6000K
Colour Rendering Index:	>90,>98
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	Integral Tridonic or equivalent driver
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class I
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP20
Warranty:	7 Years

Matt White   Matt Black   Dark Chrome   Matt Silver   Chrome   Matt Gold

Lumen values are based on CRI90 at CCT 4000K
All product specifications and data are subject to change without notice

AZURE
lighting
solutions

Product Specifications

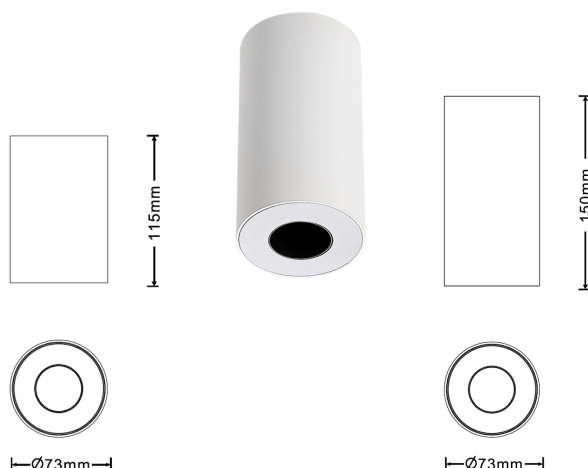|	Tubella.Baffle.115	Tubella.Baffle.150
Product Name:	Tubella.Baffle.115	Tubella.Baffle.150
Power Consumption:	Up to 8W	Up to 12W
Total Luminous Flux:	Up to 720lm	Up to 1180lm
Dimensions (DxH):	Ø73x115mm	Ø73x150mm
Beam Angle:	10°, 15°,24°, 36°, 50°	18°, 24°, 36°, 50°

General Specifications

Fixture Material:	Aluminium
Trim Finish:	Black, White,Custom
Mounting:	Surface
Diffuser (Optional):	Honeycomb Louver, Frosted Glass
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,4000K,5000K,6000K
Colour Rendering Index:	>90,>98
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	Integral Tridonic or equivalent driver
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class I
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP20
Warranty:	7 Years

Matt White   Matt Black   Dark Chrome   Matt Silver   Chrome   Matt Gold

Lumen values are based on CRI90 at CCT 4000K
All product specifications and data are subject to change without notice

AZURE

lighting solutions

Product Specifications

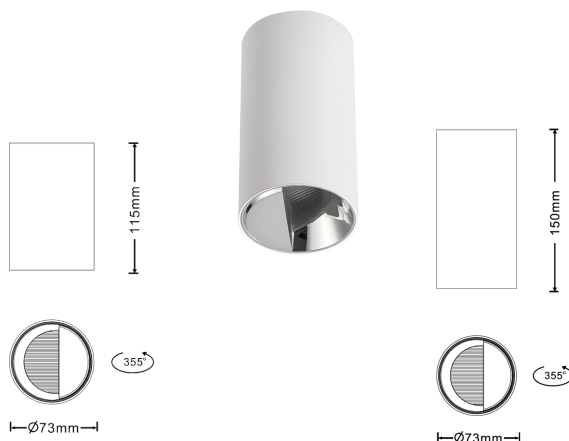| Product Name:	Tubella.Pin.115	Tubella.Pin.150
Power Consumption:	Up to 8W	Up to 12W
Total Luminous Flux:	Up to 720lm	Up to 1180lm
Dimensions (DxH):	Ø73x115mm	Ø73x150mm
Beam Angle:	10°, 15°,24°, 36°, 50°	18°, 24°, 36°, 50°

115mm
150mm
←Ø73mm→
←Ø73mm→

General Specifications

Fixture Material:	Aluminium
Trim Finish:	Black, White,Custom
Mounting:	Surface
Diffuser (Optional):	Honeycomb Louver, Frosted Glass
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,4000K,5000K,6000K
Colour Rendering Index:	>90,>98
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	Integral Tridonic or equivalent driver
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class I
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP20
Warranty:	7 Years

Matt Black   Matt Gold   White Trim   Black Trim   Timber Trim

Lumen values are based on CRI90 at CCT 4000K

All product specifications and data are subject to change without notice

AZURE

lighting solutions

Product Specifications

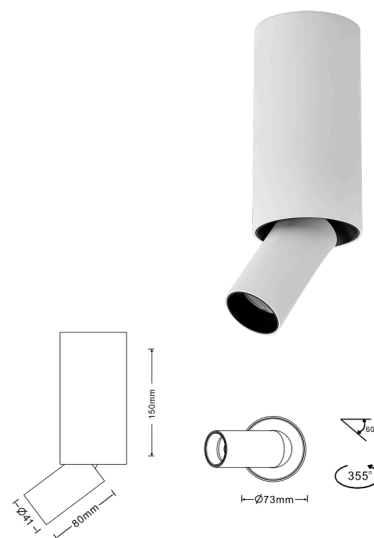| Product Name:	Tubella.Asy.115	Tubella.Asy.150
Power Consumption:	Up to 8W	Up to 12W
Total Luminous Flux:	Up to 720lm	Up to 1180lm
Dimensions (DxH):	Ø73x115mm	Ø73x150mm
Beam Angle:	Asymmetric	Asymmetric

General Specifications

Fixture Material:	Aluminium
Trim Finish:	Black, White,Custom
Mounting:	Surface
Diffuser (Optional):	Honeycomb Louver, Frosted Glass
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,4000K,5000K,6000K
Colour Rendering Index:	>90,>98
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	Integral Tridonic or equivalent driver
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class I
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP20
Warranty:	7 Years

Chrome   Matt White

Lumen values are based on CRI90 at CCT 4000K

All product specifications and data are subject to change without notice

AZURE
lighting
solutions

Product Specifications

Product Name:	Tubella.Baffle.150
Power Consumption:	Up to 12W
Total Luminous Flux:	Up to 1180lm
Dimensions (DxH):	See drawing
Beam Angle:	3°,7°,15°, 24°, 36°, 60°

General Specifications

Fixture Material:	Aluminium
Trim Finish:	Black, White,Custom
Mounting:	Surface
Diffuser (Optional):	Honeycomb Louver, Frosted Glass
LED Type:	Citizen COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,4000K,5000K,6000K
Colour Rendering Index:	>90,>98
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz
Control Gear:	Integral Tridonic or equivalent driver
Control Options:	Fixed Output, DALI, Push Dim,0-10V,Casambi
Protection Class:	Class I
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP20
Warranty:	7 Years

Matt White   Matt Black   Dark Chrome   Matt Silver   Chrome   Matt Gold

Lumen values are based on CRI90 at CCT 4000K
All product specifications and data are subject to change without notice

AZURE

lighting
solutions

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.
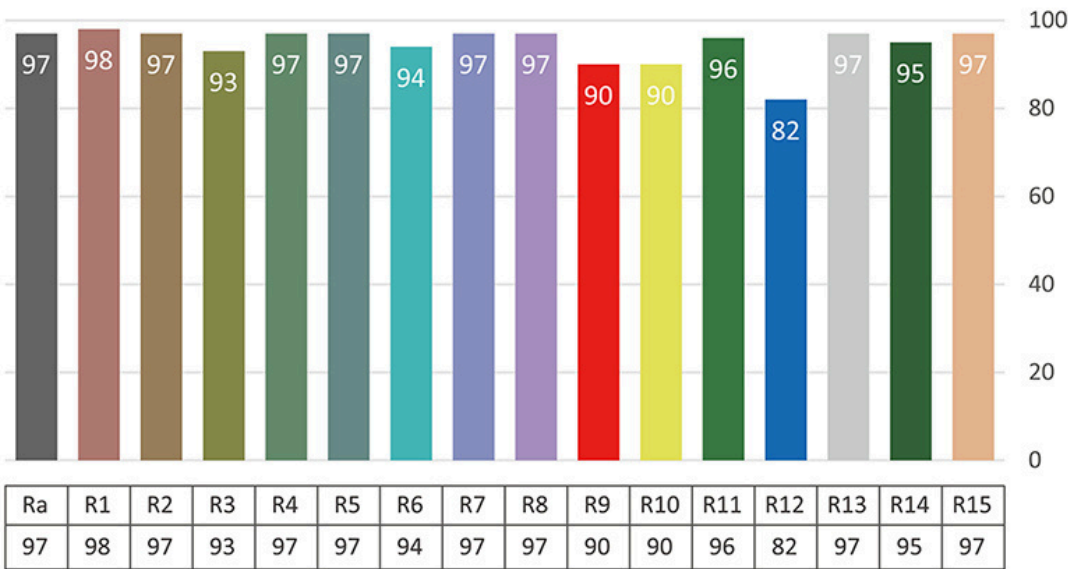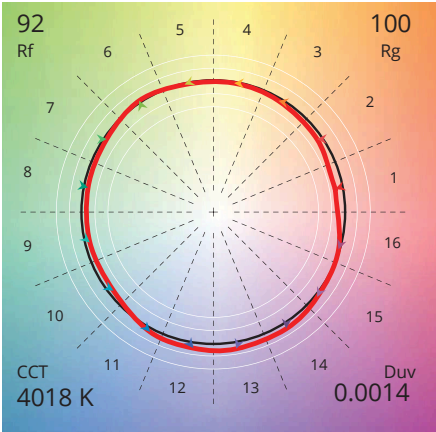

Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97	98	97	93	97	97	94	97	97	90	90	96	82	97	95	97

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

SYDNEY, AUSTRALIA • WWW.AZURELIGHTINGSOLUTIONS.COM