AZURE

lighting solutions

Taya
Surface Mount Light

IP20 CRI>90 35°

CE RoHs

AZURE

lighting solutions

75mm

71

90mm

91
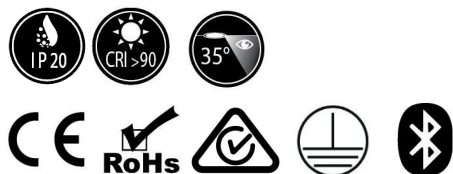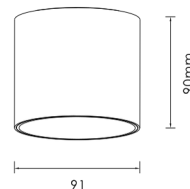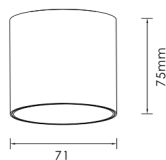
Product Specifications

Product Name:	Taya.70	Taya.90
Power Consumption:	Up to 10W	Up to 15W
Total Luminous Flux:	Up to 950lm	Up to 1425lm
Dimensions (DxH):	Ø71x75mm	Ø91x90mm
Beam Angle:	15°, 24°, 36, 60°	15°, 24°, 36, 60°

General Specifications

Fixture Material:	Aluminium
Finish:	Black, White,Custom
Mounting:	Surface
Diffuser (Optional):	Honeycomb Louver, Reeded Glass, Microprismatic Glass
LED Type:	Philips COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,4000K,5000K,6000K
Colour Rendering Index:	>90
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

Reflector options

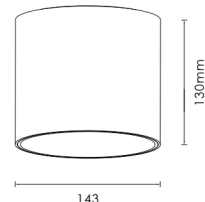| Matt White	Matt Black	Dark Chrome	Matt Silver	Chrome	Matt Gold

Lumen values are based on CRI90 at CCT 4000K

All product specifications and data are subject to change without notice

110mm

120

130mm

143

Product Specifications

Product Name:	Taya.120	Taya.140
Power Consumption:	Up to 20W	Up to 30W
Total Luminous Flux:	Up to 2000lm	Up to 3150lm
Dimensions (DxH):	Ø120x110mm	Ø143x130mm
Beam Angle:	15°, 24°, 36, 60°	15°, 24°, 36, 60°

General Specifications

Fixture Material:	Aluminium
Finish:	Black, White,Custom
Mounting:	Surface
Diffuser (Optional):	Honeycomb Louver, Reeded Glass, Microprismatic Glass
LED Type:	Philips COB
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,4000K,5000K,6000K
Colour Rendering Index:	>90
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
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IP Rating:	IP20
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Reflector options

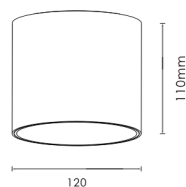| Matt White	Matt Black	Dark Chrome	Matt Silver	Chrome	Matt Gold

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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.
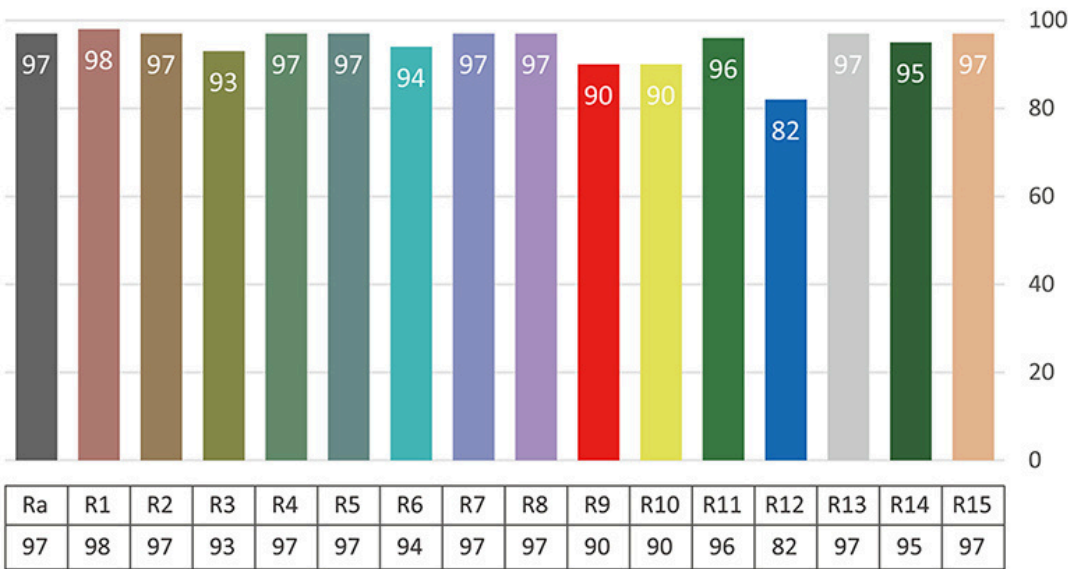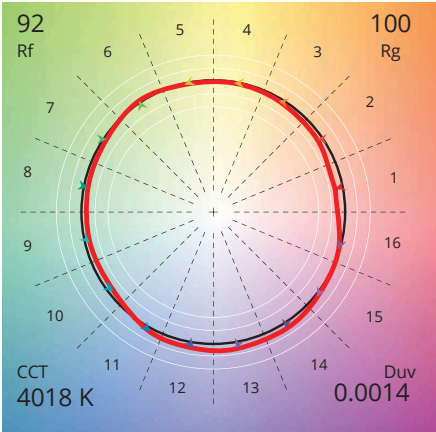

Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97	98	97	93	97	97	94	97	97	90	90	96	82	97	95	97

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