

AZURE

lighting solutions

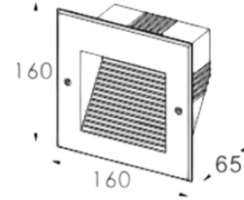
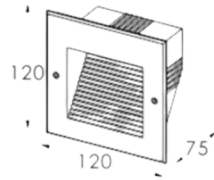


Intra Recessed Wall Lights



SYDNEY
AUSTRALIA
WWW.AZURELIGHTINGSOLUTIONS.COM

Product Specifications



Product Name:	Intra.120	Intra.120
Power Consumption:	1.5W	1.5W
Total luminous flux:	120lm	200lm
Beam Angle - Single Colour:	120°	120°

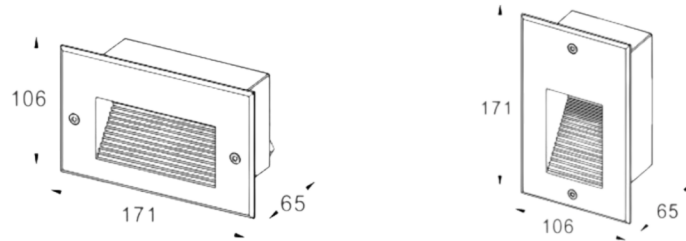
General Specifications

Fixture Material:	Aluminium
Finish:	Grey, Black, Custom
Mounting:	Wall Recessed
LED Type:	SMD
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K, 3000K, 4000K, 6000K
Colour Rendering Index:	>90
R9 Value:	>50
Ambient Operating Temperature:	-25° to 50°
Driver Input Voltage:	220-240VAC 50-60Hz, 24VDC, 36VDC, 48VDC
Control Gear:	Non Dim, DALI, 1-10V, Phase Dim, PWM, DMX512
Protection Class:	Class I, Class III
Lumen Maintenance:	L80 B10 60,000 Hours
IP Rating:	IP65
IK Rating:	IK08
Warranty:	5 Years

Lumen values are based on CRI80 at CCT 3000K

All product specifications and data are subject to change without notice

Product Specifications



Product Name:	Intra.120	Intra.120
Power Consumption:	2W	2W
Total luminous flux:	160lm	160lm
Beam Angle - Single Colour:	120°	120°

General Specifications

Fixture Material:	Aluminium
Finish:	Grey, Black, Custom
Mounting:	Wall Recessed
LED Type:	SMD
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K, 3000K, 4000K, 6000K
Colour Rendering Index:	>90
R9 Value:	>50
Ambient Operating Temperature:	-25° to 50°
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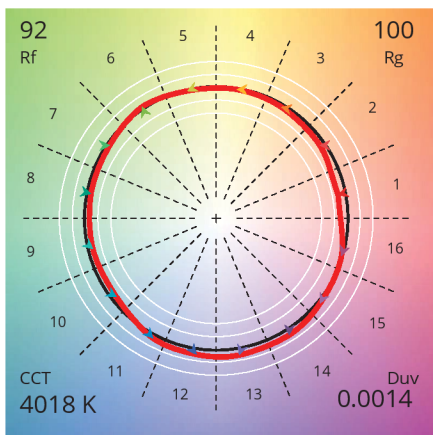
Colour Rendering Index

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.



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