AZURE

lighting solutions

LUXLINE VIVID
Colour Strip Lights

IP20 IP65 IP68 CRI >90

CE RoHs CASAMBI

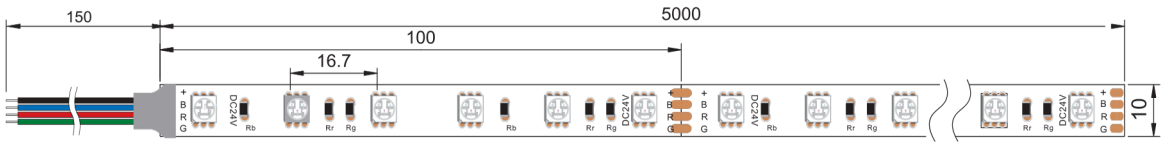
RGB RGBW RGBWW

WWW.AZURELIGHTINGSOLUTIONS.COM

AZURE

lighting
solutions

Basic Series



Product Name:	Basic.RGB	Basic.RGBW	Basic.RGBWW
Wattage per meter:	14.4W	14.4W	19.2W
Total Lumen Output:	Up to 670lm	Up to 705lm	Up to 1200lm

General Specifications

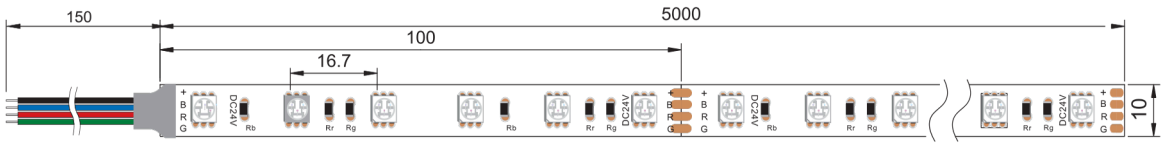
LED Type:	SMD 5050
LED Quantity:	60 LEDs per meter
Cutting Increments:	100mm
Binning:	3 Step MacAdam
Correlated Colour Temperature (White)	2700K,3000K,3500K,4000K,5000K,6000K,6500K
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Input Voltage:	24VDC (12V Optional)
Control Gear:	TCI ,Meanwell
Control Options:	RF Controller, PWM, Casambi
Protection Class:	Class III
Lumen Maintenance:	L80 B10 54,000 Hours
IP Rating:	IP20, IP65,IP68
Warranty:	5 Years

Lumen values are based on CRI90 at CCT 3000K
All product specifications and data are subject to change without notice

AZURE

lighting
solutions

Digital DMX Series



Product Name:	DMX.RGB	DMX.RGBW	DMX.RGBW
Wattage per meter:	14.4W	18W	23W
Total Lumen Output:	Up to 450lm	Up to 695lm	Up to 995lm

General Specifications

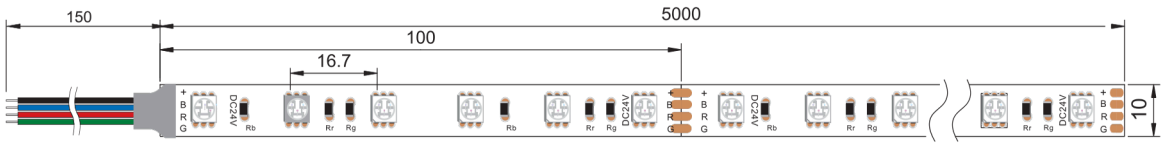
LED Type:	SMD 5050
Resolution:	10 Addresses per meter
LED Quantity:	60 LEDs per meter
Cutting Increments:	100mm
Binning:	3 Step MacAdam
Correlated Colour Temperature (White)	2700K,3000K,3500K,4000K,5000K,6000K,6500K
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Input Voltage:	24VDC (12V Optional)
Control Gear:	TCI ,Meanwell
Control Options:	DMX512
Protection Class:	Class III
Lumen Maintenance:	L80 B10 54,000 Hours
IP Rating:	IP20, IP65,IP68
Warranty:	5 Years

Lumen values are based on CRI90 at CCT 3000K
All product specifications and data are subject to change without notice

AZURE

lighting
solutions

Digital SPI Series



Product Name:	SPI.RGB	SPI.RGBW	SPI.RGBW
Wattage per meter:	14.4W	18W	23W
Total Lumen Output:	Up to 450lm	Up to 695lm	Up to 1000lm

General Specifications

LED Type:	SMD 5050
Resolution:	10 Addresses per meter
LED Quantity:	60 LEDs per meter
Cutting Increments:	100mm
Binning:	3 Step MacAdam
Correlated Colour Temperature (White)	2700K,3000K,3500K,4000K,5000K,6000K,6500K
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Input Voltage:	24VDC (12V Optional)
Control Gear:	TCI ,Meanwell
Control Options:	DMX512
Protection Class:	Class III
Lumen Maintenance:	L80 B10 54,000 Hours
IP Rating:	IP20, IP65,IP68
Warranty:	5 Years

Lumen values are based on CRI90 at CCT 3000K
All product specifications and data are subject to change without notice

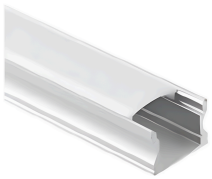
AZURE

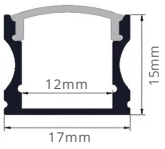
lighting
solutions

Aluminium Channels

Finish	Natural Anodised, White, Black, Custom
Diffuser	Clear, Semi Frosted, Opal

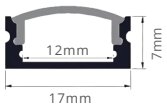
Surface Mount Channels





SM15

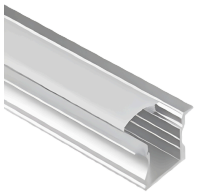
Interal Width	12mm
Dimension(WxH)	17x15mm

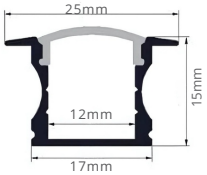


SM07

Interal Width	12mm
Dimension(WxH)	17x7mm

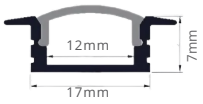
Recessed Mount Channels





REC15

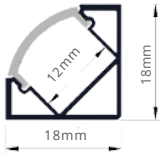
Interal Width	12mm
Dimension(WxH)	17x15mm



REC07

Interal Width	24mm
Dimension(WxH)	17x7mm

Corner Mount Channel



CRN18

Interal Width	12mm
Dimension(WxH)	18x18mm

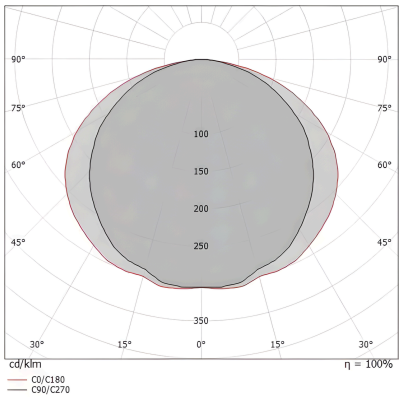
Contact sales to view our full range of available channels

AZURE

lighting
solutions

Photometrics

110° BEAM ANGLE



Specifications Code

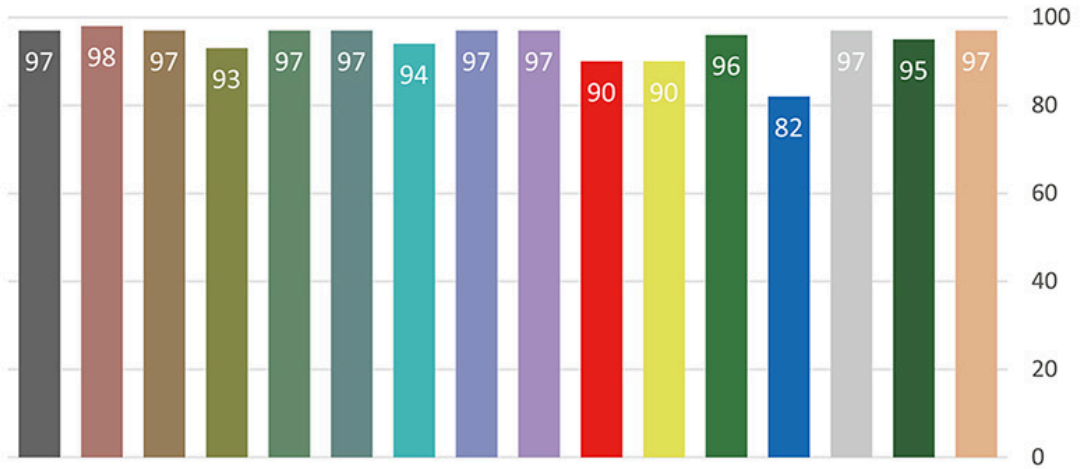
Luxline.Vivid.	B.	RGB.	W27.	20
	B=Basic DMX=DMX512 SPI=SPI	**RGB=RGB** RGBW=RGBW RGBWW=RGBWW	**W27=2700K** W30=3000K W40=4000K W65=6500K	**20=IP20** 65=IP65 68=IP68

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

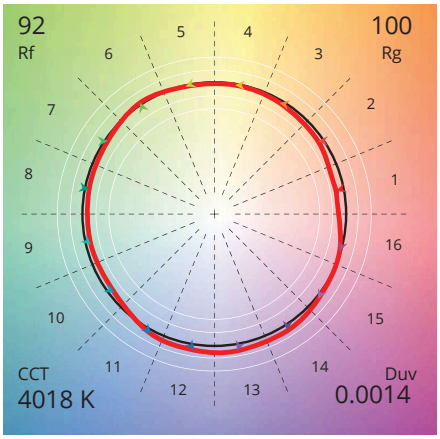


Fig 2 -Colour Vector Graphic 4000K, CRI >90

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.