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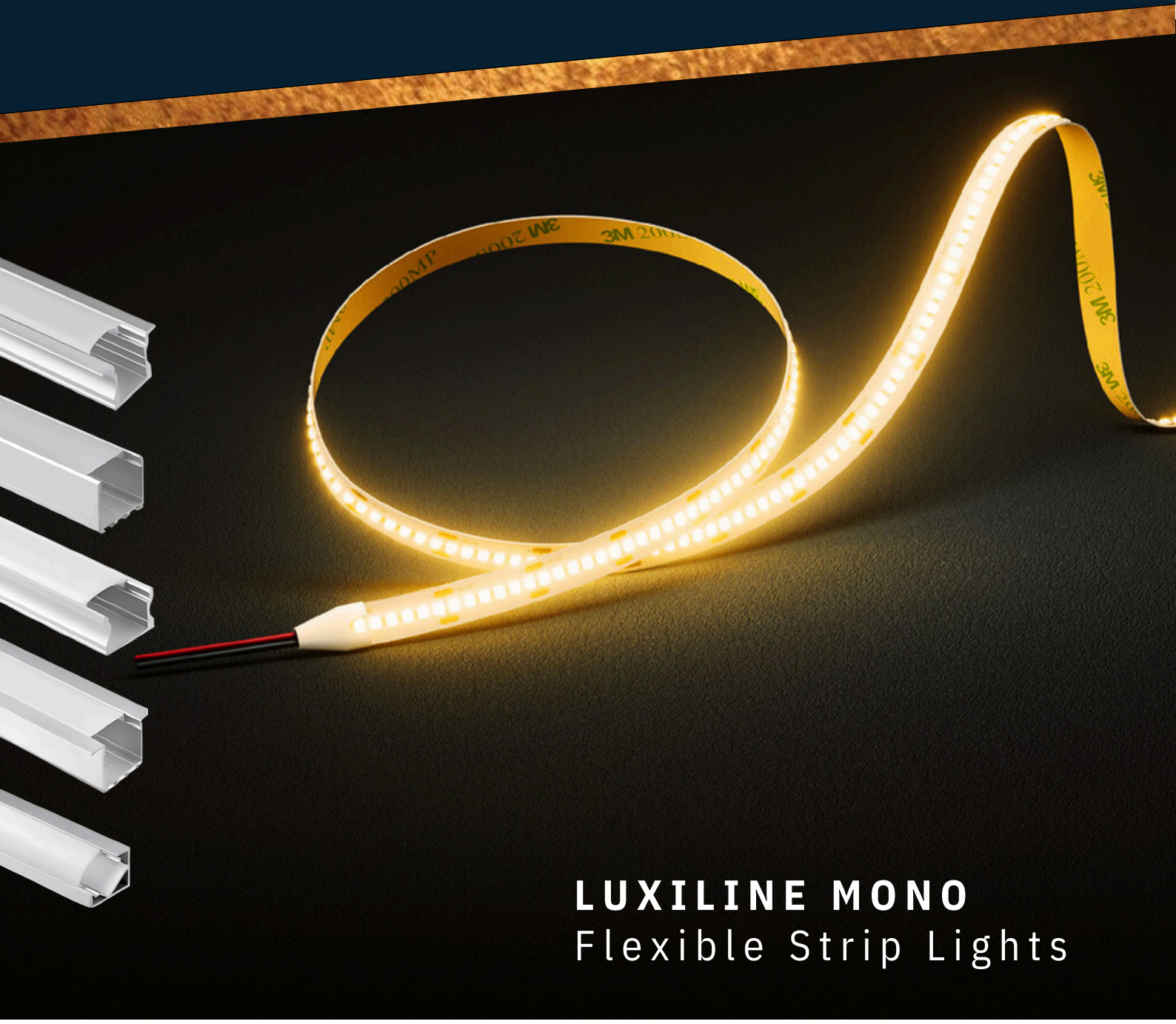

LUXILINE MONO

Flexible Strip Lights

IP20 IP65 IP68 CRI >90

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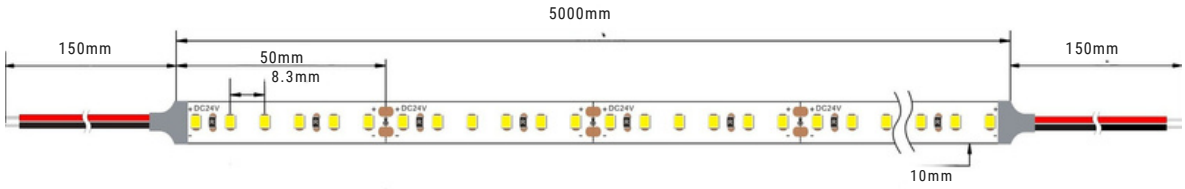
Product Specifications - ECO.120



Wattage Per Meter:	4.8W	9.6W	14.4W	19.2W	24W
Total Lumen Output:	480lm	968lm	1440lm	1950lm	2400lm

General Specifications

LED Type:	SMD 2835
LED Quantity:	120 LEDs per meter
Cutting Increments:	50mm
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K, Red, Green, Blue
Colour Rendering Index:	>90
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Input Voltage:	24VDC (12VDC Optional)
Control Gear:	Meanwell, TCI
Control Options:	Fixed Output, DALI, Push Dim,0-10V,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

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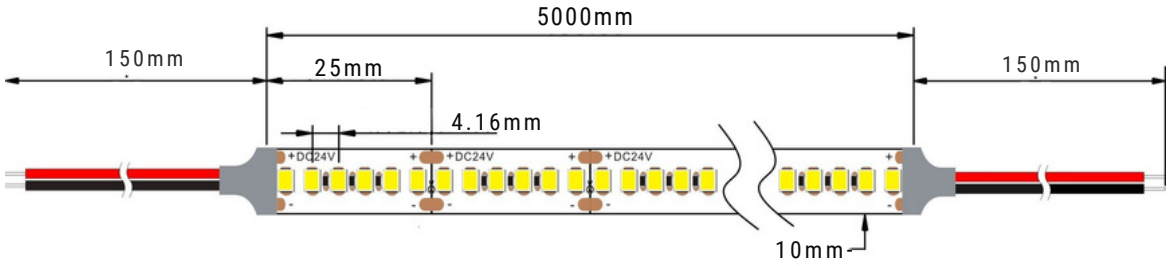
Product Specifications - ECO.240



Wattage Per Meter:	4.8W	9.6W	14.4W	19.2W	24W
Total Lumen Output:	480lm	968lm	1440lm	1950lm	2400lm

General Specifications

LED Type:	SMD 2835
LED Quantity:	240 LEDs per meter
Cutting Increments:	25mm
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K, Red, Green, Blue
Colour Rendering Index:	>90
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Input Voltage:	24VDC (12VDC Optional)
Control Gear:	Meanwell, TCI
Control Options:	Fixed Output, DALI, Push Dim,0-10V,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

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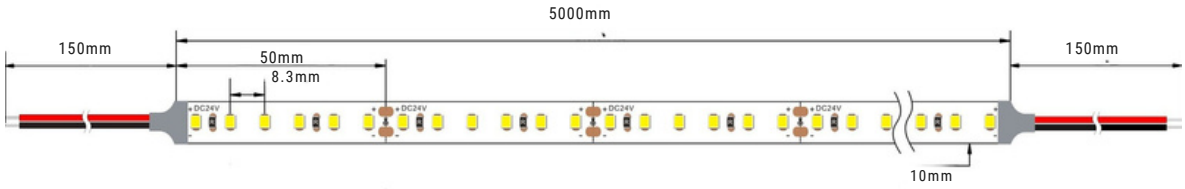
Product Specifications - PRO.120



Wattage Per Meter:	4.8W	9.6W	14.4W	19.2W	24W
Total Lumen Output:	672lm	1344lm	2016lm	2688lm	3360lm

General Specifications

LED Type:	SMD 2835
LED Quantity:	120 LEDs per meter
Cutting Increments:	50mm
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K, Red, Green, Blue
Colour Rendering Index:	>90
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Input Voltage:	24VDC (12VDC Optional)
Control Gear:	Meanwell, TCI
Control Options:	Fixed Output, DALI, Push Dim,0-10V,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

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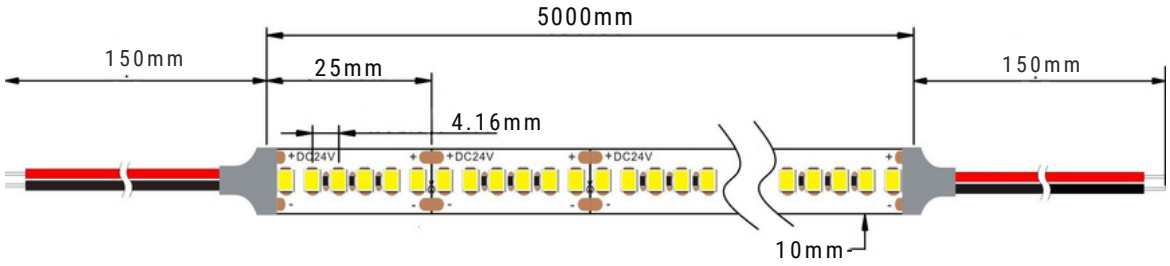
Product Specifications - PRO.240



Wattage Per Meter:	4.8W	9.6W	14.4W	19.2W	24W
Total Lumen Output:	672lm	1344lm	2016lm	2688lm	3360lm

General Specifications

LED Type:	SMD 2835
LED Quantity:	240 LEDs per meter
Cutting Increments:	25mm
Binning:	3 Step MacAdam
Correlated Colour Temperature	2700K,3000K,3500K,4000K,5000K,6000K,6500K, Red, Green, Blue
Colour Rendering Index:	>90
R9 Value:	>50
Light Distribution:	Symmetric
Ambient Operating Temperature:	-25° to 50°
Input Voltage:	24VDC (12VDC Optional)
Control Gear:	Meanwell, TCI
Control Options:	Fixed Output, DALI, Push Dim,0-10V,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

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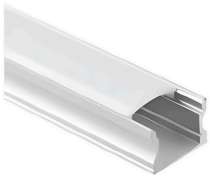
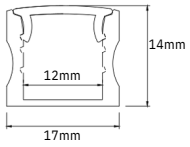
Aluminium Channels

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

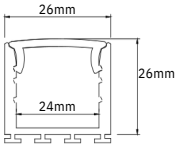
Surface Mount Channels





SM17

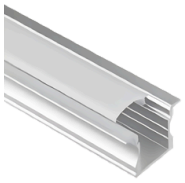
Interal Width	12mm
Dimension(WxH)	17x14mm

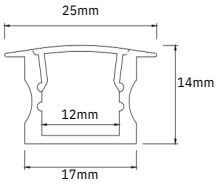


SM26

Interal Width	24mm
Dimension(WxH)	26x26mm

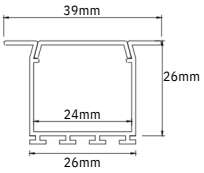
Recessed Mount Channels





REC25

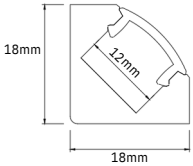
Interal Width	12mm
Dimension(WxH)	17x25mm



REC39

Interal Width	24mm
Dimension(WxH)	26x26mm

Corner Mount Channel



CORNER18

Interal Width	12mm
Dimension(WxH)	See drawing

Contact sales to view our full range of available channels

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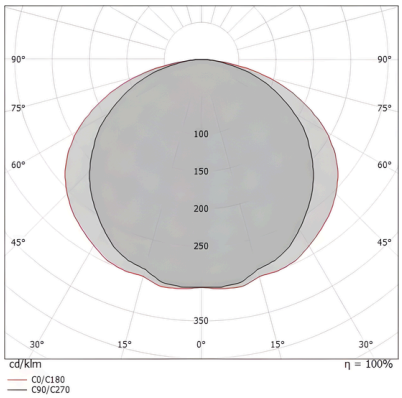
Photometrics

110° BEAM ANGLE



Specifications Code

Luxline.Mono.	E.	120.	4.	927.	N.	20
	E=ECO P=PRO	**120=120** 240=240	**4=4.8W** 9=9.6W 14=14.4W 19=19.2W 24=24W	**927=2700K** 930=3000K 940=4000K 965=6500K	**N=NON DIM** D=DALI P=PUSH DIM 0=0-10V C=CASAMBI	**20=IP20** 65=IP65 68=IP68

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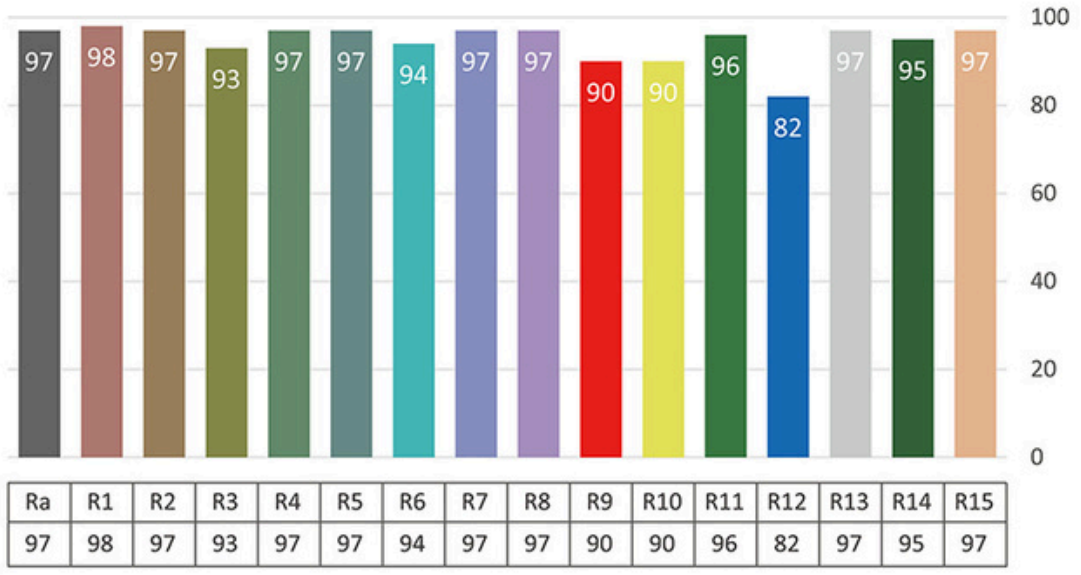
Colour Rendering Index

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

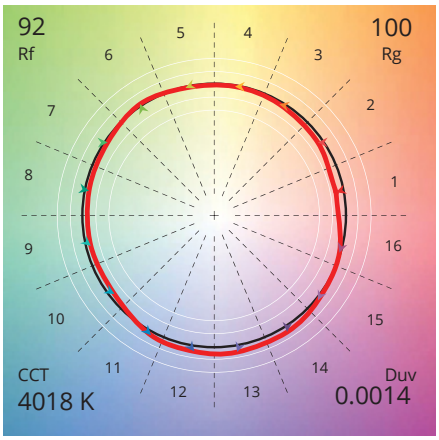


Fig 2 -Colour Vector Graphic 4000K, CRI >90

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.