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NEOFLEX MAXI
HORIZONTAL NEON LIGHTS

IP67 CRI >90 UV

CE RoHs CASAMBI

RGB RGBW RGBWW Tunable White

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Product Specifications - Neoflex Horizontal Mono
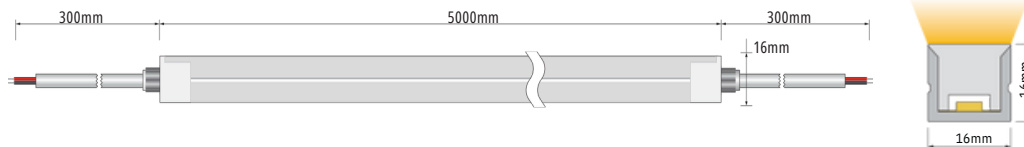
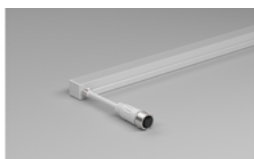| Wattage Per Meter:	5W	10W	15W
Total Lumen Output:	300lm	540lm	830lm
Max Run Length:	28m	20m	15m

General Specifications

LED Type:	SMD Lumileds
Bending Direction:	Horizontal
Cutting Increments:	50mm
Binning:	2 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:	IP67, IP68
Warranty:	5 Years

Cable Entry Options
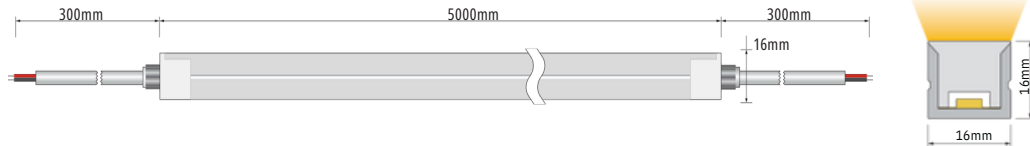

Front Cable Entry   Side Cable Entry   Bottom Cable Entry

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 - Neoflex Horizontal Tunable White

Wattage Per Meter:	13W
Total Lumen Output:	Up to 800lm
Max Run Length:	15m

General Specifications

LED Type:	SMD Lumileds
Bending Direction:	Horizontal
Cutting Increments:	72mm
Binning:	2 Step MacAdam
Correlated Colour Temperature	Tunable White (2700K-5300K)
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:	RF Controller, DALI 08, PWM,Casambi
Protection Class:	Class III
Lumen Maintenance:	L80 B10 54,000 Hours
IP Rating:	IP67, IP68
Warranty:	5 Years

Cable Entry Options

Front Cable Entry   Side Cable Entry   Bottom Cable Entry

Lumen values are based on CRI90 at CCT 3000K
All product specifications and data are subject to change without notice
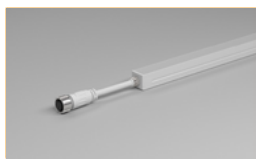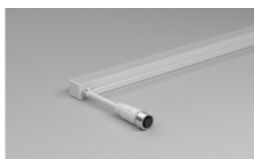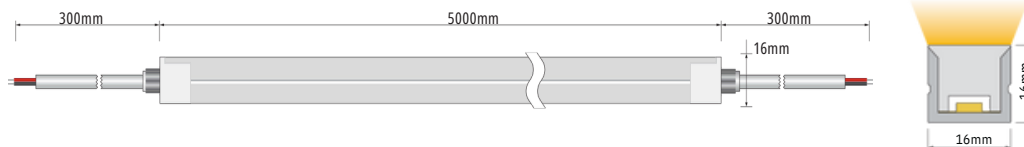
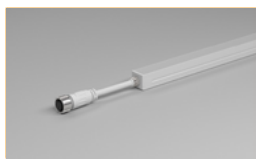## Product Specifications - Neoflex Horizontal - Colour

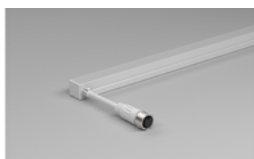| Product Name:	Colour.RGB	Colour.RGBW
Wattage Per Meter:	13W	17W
Total Lumen Output:	Up to 260lm	Up to 550lm
Max Run Length:	13m	9m

General Specifications

LED Type:	SMD Lumileds
Bending Direction:	Horizontal
Cutting Increments:	83mm
Binning:	2 Step MacAdam
Correlated Colour Temperature	RGB,RGBW
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:	RF Controller, PWM, Casambi, DMX512
Protection Class:	Class III
Lumen Maintenance:	L80 B10 54,000 Hours
IP Rating:	IP67, IP68
Warranty:	5 Years

Cable Entry Options

Front Cable Entry

Side Cable Entry

Bottom Cable Entry

Lumen values are based on CRI90 at CCT 3000K
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Product Specifications - Neoflex Horizontal - Vivid

Product Name:	Vivid.RGB	Vivid.RGBW
Wattage Per Meter:	16W	22W
Total Lumen Output:	Up to 310lm	Up to 480lm
Max Run Length:	15m	10m

General Specifications

LED Type:	SMD Lumileds
Resolution:	12 addresses per meter
Bending Direction:	Vertical
Cutting Increments:	83mm
Binning:	2 Step MacAdam
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:	SPI,DMX 512
Protection Class:	Class III
Lumen Maintenance:	L80 B10 54,000 Hours
IP Rating:	IP67, IP68
Warranty:	5 Years

Cable Entry Options

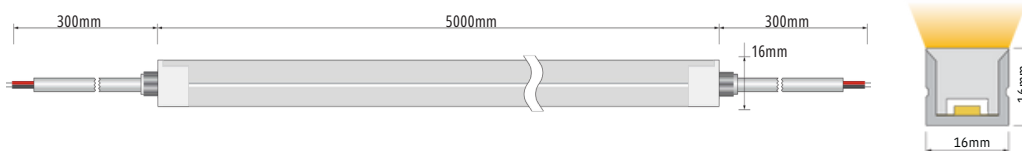Front Cable Entry

Side Cable Entry

Bottom Cable Entry

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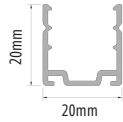All product specifications and data are subject to change without notice

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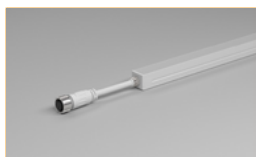
Mounting Channels

Surface Mount Channels

NSM2020 - Standard Channel

Finish:	Natural anodised, Custom
Dimension:	See Drawing

NHF2020 - Flexible Channel

Dimension(WxH)	20x20mm

Recessed Mount Channels
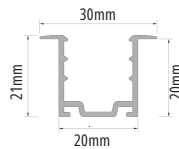
NR2020 - Recessed Channel

Finish:	Natural anodised, Custom
Dimension:	See Drawing
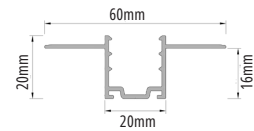
NTR2020 - Trimless Channel

Finish:	Natural anodised, Custom
Dimension:	See Drawing

Mounting Clips

NMC1725 - Mounting Clip

Dimension(LxWxH)	25x20x20mm

Visit our website to view our full range of channel options

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.
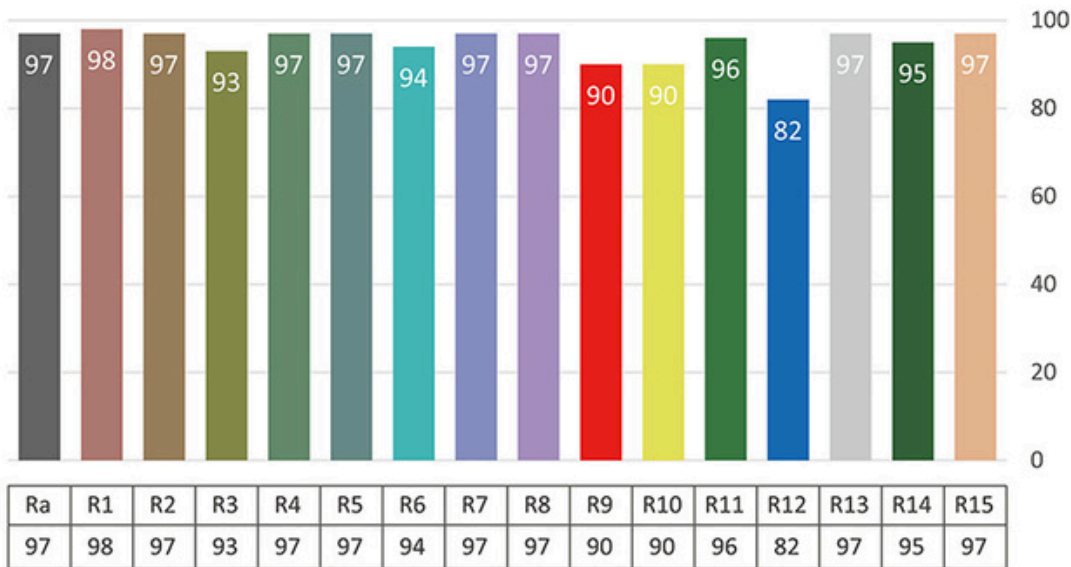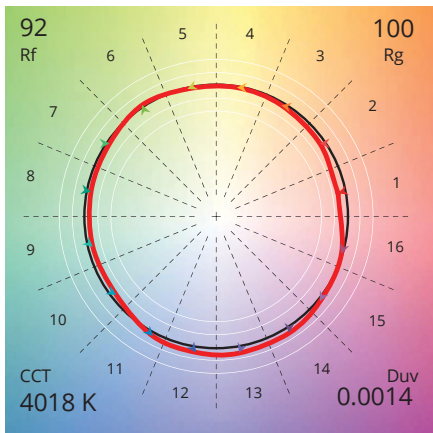

Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97	98	97	93	97	97	94	97	97	90	90	96	82	97	95	97

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