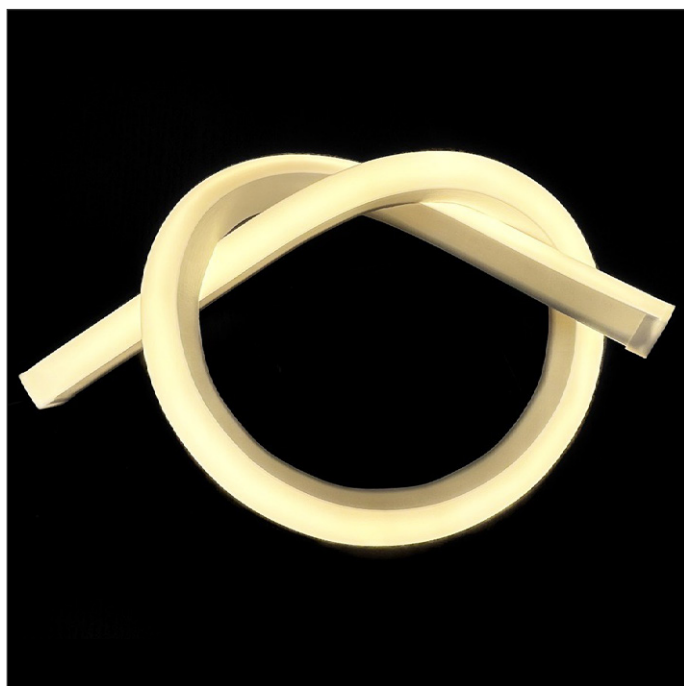
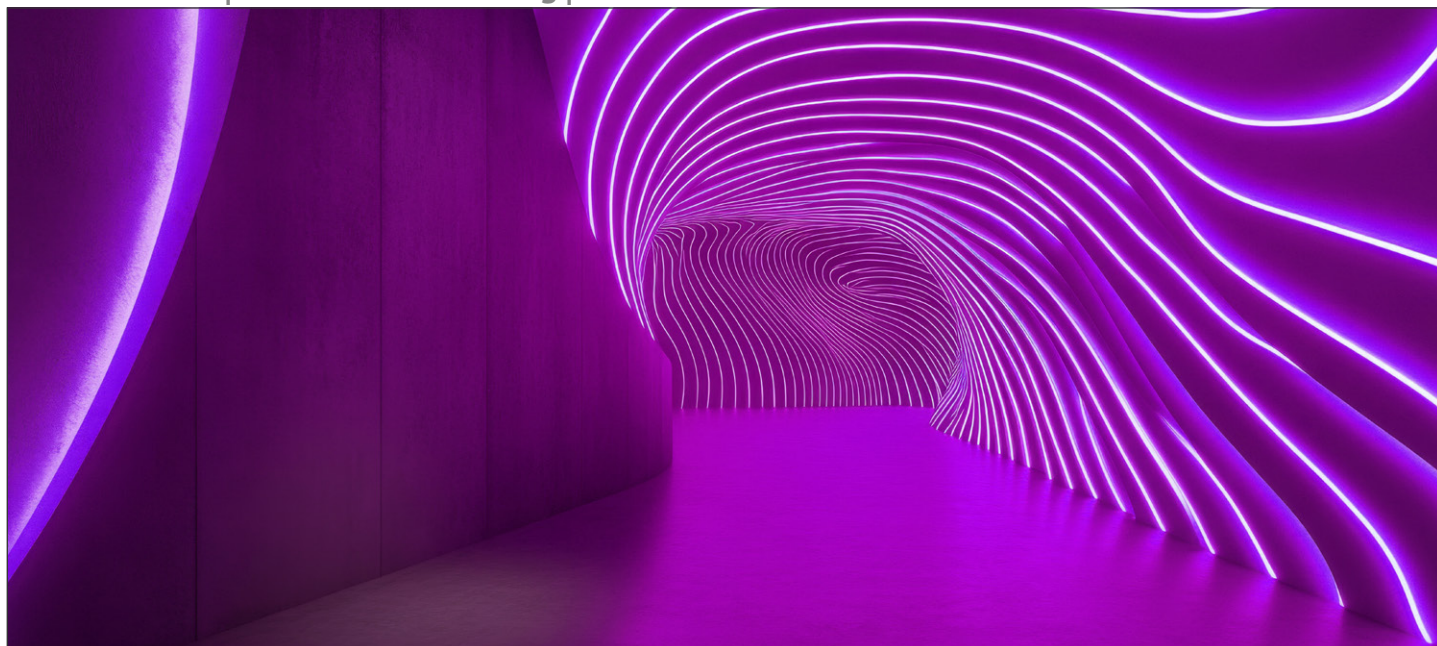


FLEXI-LINE 3D MAX

VEXICA

A Super Flexible Linear LED Luminaire With Diffuse Output in a Choice of CCT and Colour Options

20mm x 20mm | Dual Axis '3D' Bending | Indoor & Outdoor Use



Remote Driver

**MADE IN
BRITAIN**®

Features & Benefits

Dual Axis '3D' Bending

Flexible in both top and side directions this luminaire can effortlessly conform to the most complex profiles.

Wide Range of LED Selections

Static White, Tunable White RGB & RGBW & RGBW Dynamic are available at CRI 90 as standard. 24V only.

Superior Flexible Technology

A high-grade, super flexible silicone body ensures environmental robustness and longevity.

Linear Homogeneous Output

Diffused opal finish for a 'dot-free' homogeneous appearance.

Choose Your Length

5m standard reel can be cut to final length on-site. Max powered length 5m.

Customisable

Speak to your Vexica representative about any specific requests you have for your project.

Compliance

UKCA, CE, UL, IP67

5-Year Warranty

Standard 5-year warranty, L70 @ >50,000 hours.
(RGBW Dynamic L70 @ >36,000 hours.)

LIGHT OUTPUT INFORMATION

Efficacy (lm/W)

		Static White						Tunable White ¹		
Fixture Type	Power Output	2700K	3000K	3500K	4000K	5000K	6000K	2500K	4500K	Mid-Range (Max)
Flexi-Line 3D	14 W/m	53	56	56	59	59	59	51	59	55

		RGB ²				RGBW ³				RGBW Dynamic ⁴			
Fixture Type	Power Output	Max (White)	Red	Green	Blue	Red	Green	Blue	White (3000K)	Red	Green	Blue	White (3000K)
Flexi-Line 3D	14 W/m	22	19	39	9	20	54	11	51	10	37	7	28

Luminaire Lumen Output (lm/m)

		Static White						Tunable White ¹		
Fixture Type	Power Output	2700K	3000K	3500K	4000K	5000K	6000K	2500K	4500K	Mid-Range (Max)
Flexi-Line 3D	14 W/m	740	780	780	820	820	820	360	415	775

		RGB ²				RGBW ³				RGBW Dynamic ⁴			
Fixture Type	Power Output	Max (White)	Red	Green	Blue	Red	Green	Blue	White (3000K)	Red	Green	Blue	White (3000K)
Flexi-Line 3D	14 W/m	310	90	180	40	70	190	40	180	36	128	24	99

The above output values are specified at CRI 90 as standard. Static white options also available at CRI 80 on request.

If the data that you require is missing, please contact your Vexica representative.

¹ Tunable White consists of 2 channels each rated at 50% or the maximum luminaire power. Lumen values for 2500K & 4500K are taken with the respective channel at 100%. The 'Max' value is taken with both channels at 100% and the combined total output being 14W/m.

² RGB consists of 3 channels (Red, Green & Blue), each capable of outputting 1/3 of the maximum luminaire power. The 'Max (White)' value is taken when all channels are at 100% and the fixture is drawing the maximum total luminaire output of 14W/m.

³ RGBW consists of 4 channels (Red, Green, Blue & White), each capable of outputting 25% of the maximum luminaire power.

⁴ RGBW Dynamic is made up of 16 pixels per m. Photometric data is taken when all pixels are set to the same output colour and intensity. Each pixel has 4 controllable channels (Red, Green, Blue & White), each capable of outputting 25% of the maximum power.

Vexica run regular development cycles, continuously optimising and balancing product specifications to best suit our customers. All information therefore, is intended as a guide and specifications may change on occasion without notice or announcement. Technical data is measured under controlled conditions, expected performance is within +/- 10% of advertised figures. Luminaire output stated is actual value from the luminaire itself. Information provided above is intended as a description of the product and shall not be used in the form of any contract.

ELECTRICAL INFORMATION

Power Options	14W/m - All Options
Input Voltage	24 VDC (23V Min, 25V Max) - All Options
Dimmable	Yes
Connection Type	300mm IP Connector or Flying Lead (Input/Output or Input Only)
Cable Entry/Exit	End Feed Entry/Exit
	Side Feed Entry/Exit
	Bottom Feed Entry/Exit
LED Binning	3 SDCM (White Only)
Maximum Chain Length (Single Side Power Feed)	5m - All Options

PHYSICAL & ENVIRONMENTAL INFORMATION

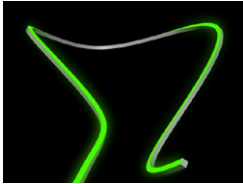
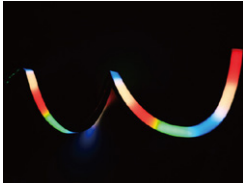
Housing Colour



White

Finish	Flexible White Silicone
Ambient Operating Temperature	-20°C to +45°C (+55°C if power below 9W/m)
Ambient Storage Temperature	-20°C to +50°C
IP Rating	IP67
IK Rating	IK07
Weight	0.690 kg/m

LED CCT/COLOUR OPTIONS

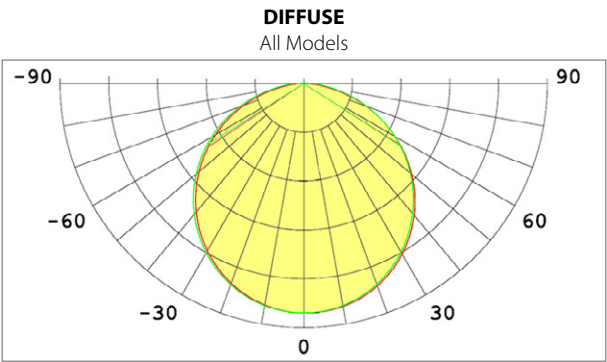
STATIC WHITE 2700K, 3000K, 3500K, 4000K, 5000K, 6000K	TUNABLE WHITE^a 2500K to 4500K	TUNABLE COLOUR^b RGB LED Colour Mixing	TUNABLE COLOUR^c RGBW LED Colour Mixing	DYNAMIC COLOUR^d RGBW Dynamic Pixels (16/m)
				

LENGTH (L) OPTIONS

Product	LED Colour	Reel Length (mm)	Length Increments (mm)
Flexi-Line 3D Max	Static White Tunable White	5000	50
	RGB RGBW RGBW Dynamic	5000	62.5

NOTE
Luminaires are supplied as complete 'bare reels' only to be cut to final installation length on site. Separate end caps are required to terminate and waterproof the luminaire for operation. When installed as directed, the glued end caps will add 4mm to the cut length of the luminaire.

BEAMSHAPE



^a Tunable White consists of 2 channels each capable of 50% at the maximum luminaire power rating. When both channels are AT 100%, the maximum power output of the luminaire will be achieved.

^b Each colour channel represents 1/3 of the maximum luminaire power output. When all channels are at 100% the luminaire maximum output will be achieved.

^c In RGBW specification 4 channels are controllable (Red, Blue, Green and White) each representing 25% of the maximum luminaire power output. When all channels are at 100% the luminaire maximum output will be achieved.

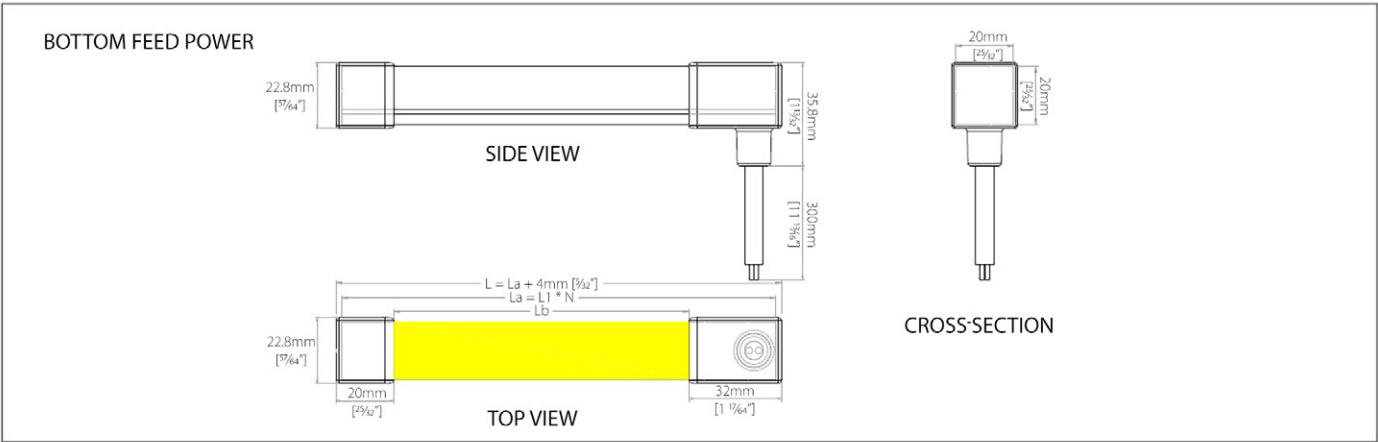
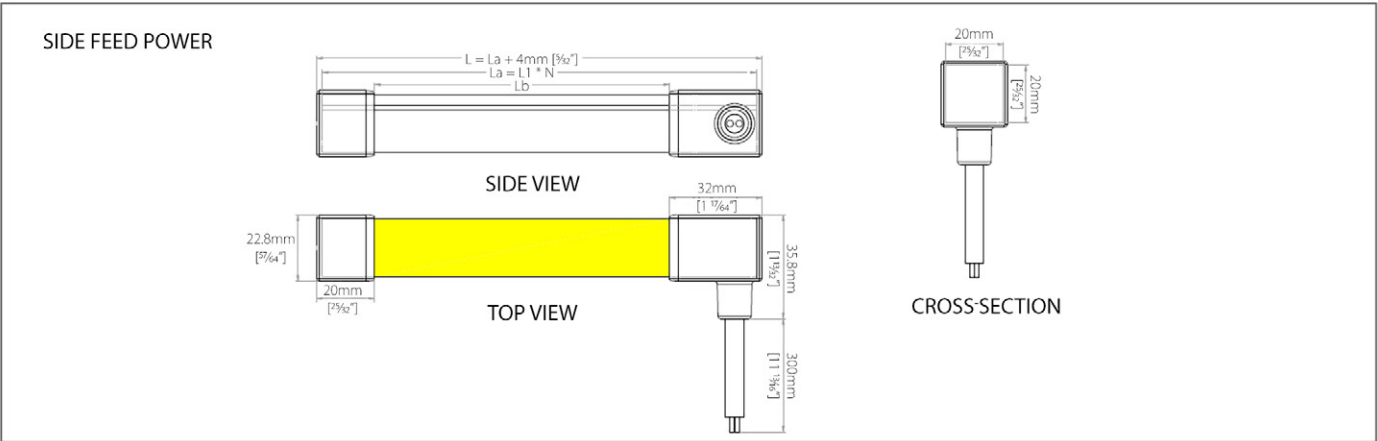
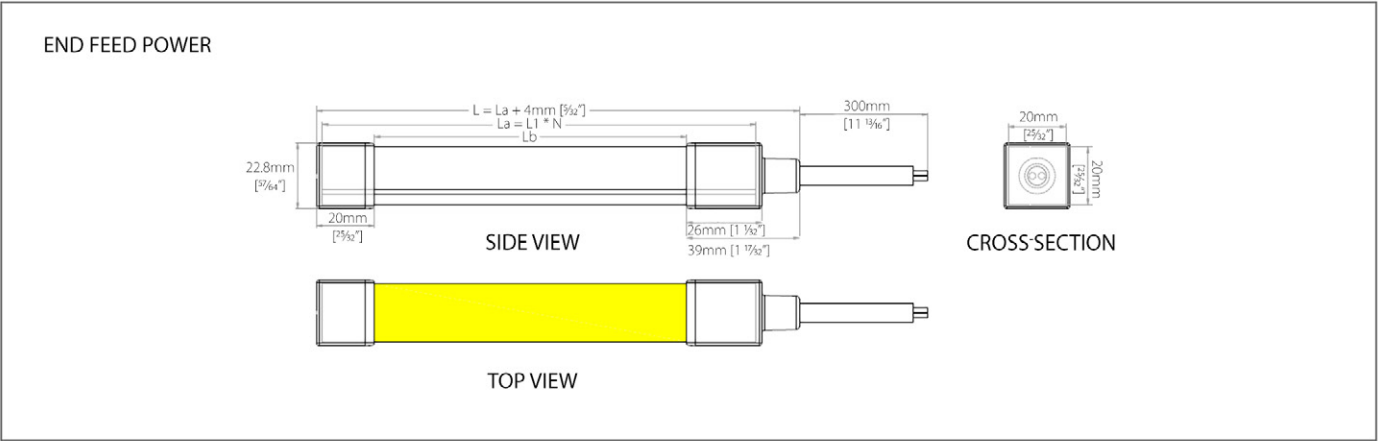
^d Must be used in conjunction with a Vexica HybridDrive6 driver and PSU. Max cable length from driver to first fitting is 1m, any extensions will require additional equipment. Contact your Vexica rep for details.

PRODUCT DIMENSIONS

Site Cut Lengths with Glued End Caps

Dual Axis '3D' Bending
Single sided lumination

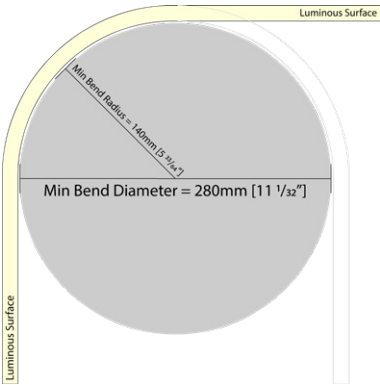
- L = Total Length
- La = LED Strip Length
- Lb = Luminous Surface Length
- L1 = LED Strip Increment
- N = Integer Number



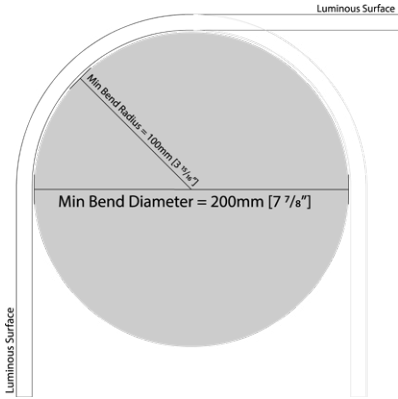
PRODUCT DIMENSIONS CONTD.

Minimum Bend Radius

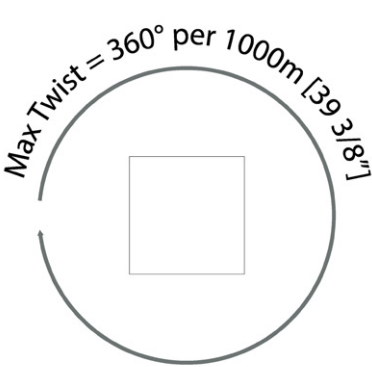
Minimum 'Side' Bend Radius



Minimum 'Top' Bend Radius



Maximum Longitudinal Twist



ACCESSORIES

Mounting Accessories

SURFACE MOUNT CLIP
Metal



RIGID CHANNEL
Anodised Aluminium



3D FLEXIBLE CHANNEL
Stainless Steel



Glued End Cap Accessories

END FEED ENDCAP
White Silicone



SIDE FEED ENDCAP
White Silicone



BOTTOM FEED ENDCAP
White Silicone



BLANK ENDCAP
White Silicone



ENDCAP GLUE
Compatible for Sealing



FIXTURE ORDERING

Project Name

1) FIXTURE & OUTPUT TYPE

PRODUCT	TYPE	CCT/LED Colour
VEX-FLEXI-LINE Flexi-Line is a Flexible Silicone, Exterior-Grade, Linear LED Luminaire.	3D-MAX Dual Axis '3D' Bending Single Sided Lumination (20mm x 20mm)	2700K Static White (2700K) 3000K Static White (3000K) 3500K Static White (3500K) 4000K Static White (4000K) 5000K Static White (5000K) 6000K Static White (6000K) TW-2500K-4500K Tunable White (2500K - 4500K) RGB Tunable Colour (RGB) RGBW-3000K Tunable Colour (RGBW 3000K) RGBW-DYN-3000K Dynamic Colour (RGBW 3000K)

2) LUMINAIRE LENGTH & FIXTURE POWER

LENGTH	POWER OPTION
5000mm 5000mm 5000mm Reel	14W 14W 14W/m (All Options)

3) IP RATING, BEAM PATTERN & END TYPE

IP RATING	BEAM PATTERN	END TYPE
IP67 IP67 Water & Dust Proof Suitable for outdoor use	DIF DIF Diffuse Homogeneous	BARE-REEL BARE-REEL Open Ends, No Cables (Requires Further Endcap Accessories - See P8)

PRODUCT CODE:

EXAMPLE: VEX - FLEXI - LINE - 3D - MAX - RGBW - DYN - 3000K - 5000mm - 14W - IP67 - DIF - BARE - REEL

END CAP ACCESSORIES (For On-Site End Preparation)

To ensure correct operation and maintain IP rating, bare reel or site-cut luminaires must be terminated using one of the end cap kits below.

Kits must be applied following the procedure in the Flexi-Line 3D Max installation guide. Failure to do so may result in incorrect operation and will void any warranty.

If you require guidance, please contact your Vexica representative who will be happy to assist.

PRODUCT

VEX-FLEXI-LINE-3D-MAX-ACCESSORY

VEX-FLEXI-LINE-3D-MAX-ACCESSORY

Accessory intended for use with Flexi-Line 3D Max luminaires.

CONNECTION TYPE

INPUT-CABLE-300mm	300mm Input Cable
GLUE-ENDCAP-CABLE-SET-300mm	End Cap Kit with 300mm Connectors & Glue
GLUE-ENDCAP-CABLE-SET-300mm-TAILS	End Cap Kit with 300mm Tails & Glue
GLUE-ENDCAP-CABLE-SET-300mm-INPUT-ONLY	End Cap Kit with 300mm Connectors & Glue (Includes Blanking End Cap)
GLUE-ENDCAP-CABLE-SET-300mm-TAILS-INPUT-ONLY	End Cap Kit with 300mm Tails & Glue (Includes Blanking End Cap)

CABLE WAYS

2-WAY	Static White (2-Way Cable)
3-WAY	Tunable White & RGBW Dynamic (3-Way Cable)
4-WAY	Tunable Colour RGB (4-Way Cable)
5-WAY	Tunable Colour RGBW (5-Way Cable)

FEED TYPE

BF	Bottom Entry End Cap & Glue
EF	End Entry End Cap & Glue
SF	Side Entry End Cap & Glue

ACCESSORY CODE:

EXAMPLE: VEX - FLEXI - LINE - 3D - MAX - ACCESSORY - GLUE - ENDCAP - CABLE - SET - 300mm - TAILS - INPUT - ONLY - 5 - WAY - BF

MOUNTING ACCESSORIES

PART NO.	DESCRIPTION	PRODUCT CODE
022882	Metal surface fixing clip	VEX-FLEXI-LINE-3D-MAX-ACCESSORY-SURFACE-MOUNT-CLIP
023069	Rigid anodised aluminium channel (1m)	VEX-FLEXI-LINE-3D-MAX-ACCESSORY-RIGID-CHANNEL-1000mm
023070	3D bending flexible stainless steel channel (1m)	VEX-FLEXI-LINE-3D-MAX-ACCESSORY-3D-BEND-FLEXIBLE-CHANNEL-1000mm

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks



Environmental Suitability

Recyclable Not recyclable.

Reliability

Quality Assurance All products are carefully selected and tested by Vexica so that you can be assured of their quality, function and reliability.

Warranty & Terms

Terms & Conditions Warranty Registration

For details on our warranty and business terms, please click or scan the QR Code.

Notes

