

FLEXI-LINE S GEN 2



Flexible Polyurethane Linear LED Luminaire with a
Choice of Static and Dynamic Colour Options
Side Bending | Up to 68lm/W | Outdoor & Indoor Use



FLEXI-LINE-S-RGBW, M&S, Stevenage, UK



Remote Driver



Features & Benefits

Continuous Linear Light

Chamfered ends allow for bottom or side entry cable management, and a seamless appearance.

Wide Range of LED Selections

Static White, Tunable White, RGB, RGB Dynamic, RGBW & RGBW Dynamic options are available. White components specified at CRI 90 as standard.

Resin Encapsulation Technology

Luminaires encapsulated in polyurethane resin to ensure environmental robustness and longevity.

Linear Homogeneous Output

Diffused opal finish for homogeneous appearance.

Choose Your Length

Available in a wide range of lengths up to 4.8m with one driver powering up to 9.6m (6W/m only).

Customisable

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

Compliance

UKCA, CE, IP67

5-Year Warranty

Standard 5-year warranty, L90 (Static White) @ >50,000 hours.

LIGHT OUTPUT INFORMATION

Efficacy (lm/W)

		Static White							Tunable White ¹										
Fixture Type	Power Output	1800K	2000K	2200K	2500K	2700K	3000K	4000K	2500K	5000K	Max								
S	6 W/m	38	45	58	60	63	65	68	-	-	-								
	10 W/m	38	45	58	60	63	65	68	-	-	-								
	15 W/m	38	45	58	60	63	65	68	45	53	49								
		RGB ²				RGB Dynamic ²				RGBW ³					RGBW Dynamic ³				
Fixture Type	Power Output	Max	Red	Green	Blue	Max	Red	Green	Blue	Max	Red	Green	Blue	White	Max	Red	Green	Blue	White
S	15 W/m	23	14	49	9	18	12	31	6	32	14	54	10	51	27	13	40	8	35

Luminaire Lumen Output (lm/m)

		Static White							Tunable White ¹										
Fixture Type	Power Output	1800K	2000K	2200K	2500K	2700K	3000K	4000K	2500K	5000K	Max								
S	6 W/m	228	270	348	360	378	390	408	-	-	-								
	10 W/m	380	450	580	600	630	650	680	-	-	-								
	15 W/m	570	675	870	900	945	975	1020	336	398	732								
		RGB ²				RGB Dynamic ²				RGBW ³					RGBW Dynamic ³				
Fixture Type	Power Output	Max	Red	Green	Blue	Max	Red	Green	Blue	Max	Red	Green	Blue	White	Max	Red	Green	Blue	White
S	15 W/m	355	69	238	50	223	58	149	27	486	51	203	37	195	386	55	170	34	148

Where applicable the values above are specified at CRI 90 as standard.

RGBW white value given for 3000K as standard.

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

¹ Tunable White consists of 2 channels (2500K & 5000K) each capable of outputting 50% of the luminaire maximum power. The 'Max' value is taken when both channels are running at 100% and the maximum luminaire power output is reached.

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

³ RGBW consists of 4 channels (Red, Green, Blue & White), each capable of outputting 1/4 of the total luminaire power output. The 'Max' value is taken when all four channels are at 100% and the fixture is running at its maximum power output.

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	6W/m (Static White Only) 10W/m (Static White Only) 15W/m (All Options)
Input Voltage	24 VDC (23V Min, 25V Max)
Dimmable	Yes
Connection Type	JST JWPF IP67
LED Binning	3 SDCM (White Only)
Maximum Chain Length	9600mm (6W/m Only) 4800mm (10W/m & 15W/m)

PHYSICAL & ENVIRONMENTAL INFORMATION

Housing Colour	White Contact Us for Special Projects
Finish	Flexible Polyurethane Resin
Ambient Operating Temperature	-10°C to +50°C
Ambient Storage Temperature	-30°C to +85°C
IP Rating	IP67
IK Rating	IK03
Weight	0.350kg/m

LED CCT/COLOUR OPTIONS

STATIC WHITE^a

1800K, 2000K, 2200K, 2500K,
2700K, 3000K, 4000K



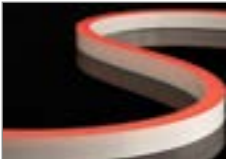
TUNABLE WHITE^b

2500K to 5000K



TUNABLE RGB^c

RGB LED Colour Mixing



TUNABLE RGBW^e

RGBW (3000K)
LED Colour Mixing



DYNAMIC RGB^d

RGB SPI Dynamic Pixels



Pixel Pitch (mm)	Pixel Density (px/m)
100	10



Pixel Pitch (mm)	Pixel Density (px/m)
100	10

LENGTH (L) OPTIONS

Product	LED Colour	Minimum Length (mm)	Maximum Length (mm)	Length Increments (mm)	Length Options (mm)
S	White Tunable White RGBW	67	4817	50	67, 117, 167, 217, 267, 317, 367, 417, 467, 517, 567, 617, 667, 717, 767, 817, 867, 917, 967, 1017, 1067, 1117, 1167, 1217, 1267, 1317, 1367, 1417, 1467, 1517, 1567, 1617, 1667, 1717, 1767, 1817, 1867, 1917, 1967, 2017, 2067, 2117, 2167, 2217, 2267, 2317, 2367, 2417, 2467, 2517, 2567, 2617, 2667, 2717, 2767, 2817, 2867, 2917, 2967, 3017, 3067, 3117, 3167, 3217, 3267, 3317, 3367, 3417, 3467, 3517, 3567, 3617, 3667, 3717, 3767, 3817, 3867, 3917, 3967, 4017, 4067, 4117, 4167, 4217, 4267, 4317, 4367, 4417, 4467, 4517, 4567, 4617, 4667, 4717, 4767, 4817
	RGB RGB Dynamic RGBW Dynamic	117	4817	100	117, 217, 317, 417, 517, 617, 717, 817, 917, 1017, 1117, 1217, 1317, 1417, 1517, 1617, 1717, 1817, 1917, 2017, 2117, 2217, 2317, 2417, 2517, 2617, 2717, 2817, 2917, 3017, 3117, 3217, 3317, 3417, 3517, 3617, 3717, 3817, 3917, 4017, 4117, 4217, 4317, 4417, 4517, 4617, 4717, 4817

MOUNTING OPTIONS

FLUSH MOUNT CLIP

Stainless Steel



ORDER CODE: 007900

CABLE MANAGEMENT CLIP

Stainless Steel



ORDER CODE: 008981

FLEXI-CHANNEL GUIDE

Stainless Steel



ORDER CODE: 017227

^aWhite supplied at CRI 90 as standard.

^bTunable White consists of 2 channels (2500K & 5000K) each capable of 50% of the luminaire power output. Only when both channels are run at 100% will the luminaire reach maximum output.

^cTunable RGB consists of 3 channels (Red, Green & Blue) each capable of 1/3 of the luminaire power output. Only when all channels are run at 100% will the luminaire reach maximum output. Control will affect the full length of the luminaire.

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

^eTunable RGBW consists of 4 channels (Red, Green, Blue & White) each capable of 25% of the luminaire power output. Only when all channels are run at 100% will the luminaire reach maximum output. Control will affect the full length of the luminaire. White is supplied at 3000K as standard with other CCTs available on request.

VEXICA

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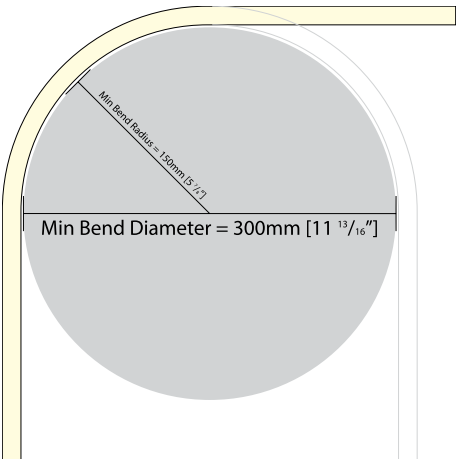
PRODUCT DIMENSIONS

Flexi-Line S

Side-Bending
Single sided lumination



Minimum Bend Radius



Project Name

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CCT/LED Colour

VEX-FLEXI-LINE	S			
Flexi-Line is a Flexible Polyurethane, Exterior-Grade, Linear LED Luminaire.	S	Side Bending Single-Sided Lumination	1800K	1800K
			2000K	2000K
			2200K	2200K
			2500K	2500K
			2700K	2700K
			3000K	3000K
			4000K	4000K
			TW-2500K-5000K	Tunable White (2500K to 5000K)
			RGB	Tunable RGB
			RGB-DYN	Dynamic RGB
RGBW-3000K	Tunable RGBW (3000K)			
RGBW-DYN-3000K	Dynamic RGBW (3000K)			

LENGTH

WHITE, TUNABLE WHITE & RGBW

RGB, RGB-DYN, RGBW-DYN

X

Specify Xmm
50mm Intervals + 17mm
Minimum = 67mm
Maximum = 4817mm

Specify Xmm
100mm Intervals + 17mm
Minimum = 117mm
Maximum = 4817mm

BEAM PATTERN

		IP67		DIF	
6W	6W/m (Static White Only)	IP67	Water & Dust Proof	DIF	Diffuse Homogeneous
10W	10W/m (Static White Only)		Suitable for outdoor use		
15W	15W/m (All Options)				

EXAMPLE: VEX - FLEXI - LINE - S - TW - 2500K - 5000K - 4817 - 15W - IP67 - DIM

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks

UK
CA

CE

UL

LISTED

Environmental Suitability

Sustainability

Responsibly manufactured from materials that are free from 'Red List' chemicals

Recyclable

Not Recyclable

Reliability

Manufacturing

All Vexica products are manufactured in our UK-based factory using components sourced from internationally recognised 'tier 1' suppliers

Quality Assurance

Each product is designed and manufactured for reliability and each batch undergoes through quality assurance testing

Warranty & Terms

Terms & Conditions



Warranty Registration



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

Notes

