

FLEXI-LINE T GEN 2



Flexible Polyurethane Linear LED Luminaires with a
Choice of Static and Dynamic Colour Options

Top Bending | Up to 117lm/W | Outdoor & Indoor Use



FLEXI-LINE-T3-RGB, Lift 109 - Battersea Power Station, London, 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
T	6 W/m	47	54	65	77	80	82	88	-	-	-
	10 W/m	47	54	65	77	80	82	88	-	-	-
	15 W/m	47	54	65	77	80	82	88	56	66	61
T2	6 W/m	53	-	63	81	85	91	95	-	-	-
	10 W/m	53	-	63	81	85	91	95	-	-	-
	15 W/m	53	-	63	81	85	91	95	63	74	68
T2L(R)	6 W/m	59	-	70	90	96	99	106	-	-	-
	10 W/m	59	-	70	90	96	99	106	-	-	-
	15 W/m	59	-	70	90	96	99	106	70	82	76
T3	6 W/m	65	-	77	100	105	111	117	-	-	-
	10 W/m	65	-	77	100	105	111	117	-	-	-
	15 W/m	65	-	77	100	105	111	117	77	91	84

		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
T	15 W/m	29	17	61	12	23	15	39	7	41	17	67	13	63	34	16	51	10	45
T2	15 W/m	33	19	69	13	26	17	44	8	45	19	75	14	71	38	18	56	11	49
T2L(R)	15 W/m	37	21	77	15	29	19	49	9	51	21	84	16	79	42	20	62	12	55
T3	15 W/m	40	23	84	16	32	21	54	10	56	23	93	17	87	46	22	69	14	60

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.

LIGHT OUTPUT INFORMATION

Luminaire Lumen Output (lm/m)

		Static White							Tunable White ¹		
Fixture Type	Power Output	1800K	2000K	2200K	2500K	2700K	3000K	4000K	2500K	5000K	Mid-Range
T	6 W/m	282	324	390	462	480	492	528	-	-	-
	10 W/m	470	540	650	770	800	820	880	-	-	-
	15 W/m	705	810	975	1155	1200	1230	1320	420	498	915
T2	6 W/m	319	-	378	487	510	546	571	-	-	-
	10 W/m	532	-	630	812	850	910	952	-	-	-
	15 W/m	798	-	945	1218	1275	1365	1428	471	558	1025
T2L(R)	6 W/m	356	-	421	543	576	594	636	-	-	-
	10 W/m	593	-	702	905	960	990	1061	-	-	-
	15 W/m	889	-	1053	1357	1440	1485	1591	525	622	1142
T3	6 W/m	392	-	464	599	630	666	702	-	-	-
	10 W/m	654	-	774	998	1050	1110	1170	-	-	-
	15 W/m	980	-	1161	1496	1575	1665	1754	578	685	1259

		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
T	15 W/m	444	86	298	63	279	72	186	33	608	64	254	46	244	483	68	216	42	190
T2	15 W/m	498	97	334	70	313	81	209	37	680	71	284	52	273	541	77	237	47	207
T2L(R)	15 W/m	554	108	372	78	348	90	232	42	758	80	317	58	305	602	86	265	53	231
T3	15 W/m	611	119	410	86	384	99	256	46	836	88	350	64	336	664	95	292	58	255

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 'Mid-Range' 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	All Variants 0.260kg/m

LED CCT/COLOUR OPTIONS

STATIC WHITE^a

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



* 2000K in Flexi-Line T only

TUNABLE WHITE^b

2500K to 5000K



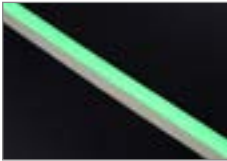
TUNABLE RGB^c

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

DYNAMIC RGBW^d

RGBW (3000K)
SPI Dynamic Pixels



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)
T T2 T2L T2LR T3	White	64	4814	50	64, 114, 164, 214, 264, 314, 364, 414, 464, 514, 564, 614, 664, 714, 764, 814, 864, 914, 964, 1014, 1064, 1114, 1164, 1214, 1264, 1314, 1364, 1414, 1464, 1514, 1564, 1614, 1664, 1714, 1764, 1814, 1864, 1914, 1964, 2014, 2064, 2114, 2164, 2214, 2264, 2314, 2364, 2414, 2464, 2514, 2564, 2614, 2664, 2714, 2764, 2814, 2864, 2914, 2964, 3014, 3064, 3114, 3164, 3214, 3264, 3314, 3364, 3414, 3464, 3514, 3564, 3614, 3664, 3714, 3764, 3814, 3864, 3914, 3964, 4014, 4064, 4114, 4164, 4214, 4264, 4314, 4364, 4414, 4464, 4514, 4564, 4614, 4664, 4714, 4764, 4814
	Tunable White				
	RGBW	114	4814	100	114, 214, 314, 414, 514, 614, 714, 814, 914, 1014, 1114, 1214, 1314, 1414, 1514, 1614, 1714, 1814, 1914, 2014, 2114, 2214, 2314, 2414, 2514, 2614, 2714, 2814, 2914, 3014, 3114, 3214, 3314, 3414, 3514, 3614, 3714, 3814, 3914, 4014, 4114, 4214, 4314, 4414, 4514, 4614, 4714, 4814
	RGB RGB Dynamic RGBW Dynamic				

MOUNTING OPTIONS

FLUSH MOUNT CLIP

Stainless Steel



ORDER CODE: 007900

CABLE MANAGEMENT CLIP

Stainless Steel



ORDER CODE: 008981

SURFACE MOUNT CLEAR CLIP

Polycarbonate



ORDER CODE: 020805

FLEXI-CHANNEL GUIDE

Stainless Steel



ORDER CODE: 017228

RIGID CHANNEL WITH CABLE MANAGEMENT

Aluminium



ORDER CODE: 022138
NB: Supersedes Part 017229

^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

VEXICA.COM | SALES@VEXICA.COM | +44 (0)113 243 4813

Page 5 of 8

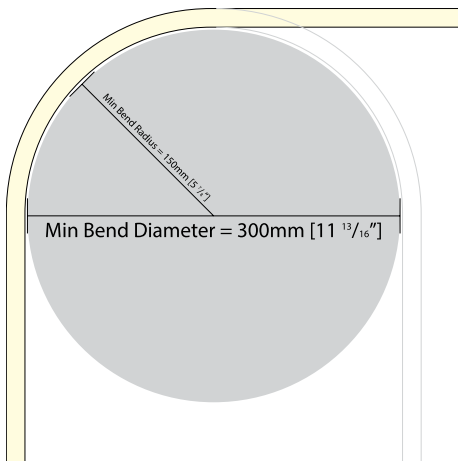
PRODUCT DIMENSIONS

Flexi-Line T (All Variants)

Top-Bending
One, Two & three sided lumination



Minimum Bend Radius



Light Output Direction

T Single Sided Lumination Top Side	T2 Two Sided Lumination Both Sides	T2L Two Sided Lumination Top and One Side (Left)	T2LR Two Sided Lumination Top and One Side (Right)	T3 Three Sided Lumination Top and Both Sides
--	--	--	--	--

FIXTURE ORDERING

Project Name

1) FIXTURE & OUTPUT TYPE

PRODUCT	TYPE		CCT/LED Colour	
VEX-FLEXI-LINE				
Flexi-Line is a Flexible Polyurethane, Exterior-Grade, Linear LED Luminaire.	T	Top Bending	1800K	1800K
		Single Sided Lumination	2000K	2000K (T Only)
	T2	Top Bending	2200K	2200K
		2 Sided Lumination	2500K	2500K
	T2L	Top Bending	2700K	2700K
		2 Sided Lumination (Left)	3000K	3000K
	T2LR	Top Bending	4000K	4000K
		2 Sided Lumination (Right)	TW-2500K-5000K	Tunable White (2500K to 5000K)
	T3	Top Bending	RGB	Tunable RGB
		3 Sided Lumination	RGB-DYN	Dynamic RGB
			RGBW-3000K	Tunable RGBW (3000K)
			RGBW-DYN-3000K	Dynamic RGBW (3000K)

2) LUMINAIRE LENGTH (Select For Chosen Type & CCT/LED Colour)

LENGTH

	WHITE, TUNABLE WHITE & RGBW	RGB, RGB-DYN & RGBW-DYN
X	Specify Xmm 50mm Intervals + 14mm Minimum = 64mm Maximum = 4814mm	Specify Xmm 100mm Intervals + 14mm Minimum = 114mm Maximum = 4814mm

3) FIXTURE POWER, IP RATING & BEAM PATTERN

POWER OPTION	IP RATING	BEAM PATTERN
	IP67	DIF
6W 10W 15W	IP67 Water & Dust Proof Suitable for outdoor use	DIF Diffuse Homogeneous

PRODUCT CODE:

EXAMPLE: VEX - FLEXI - LINE - T2LR - RGBW - DYN - 3000K - 4814 - 15W - IP67 - DIF

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks

UK
CA

CE



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

