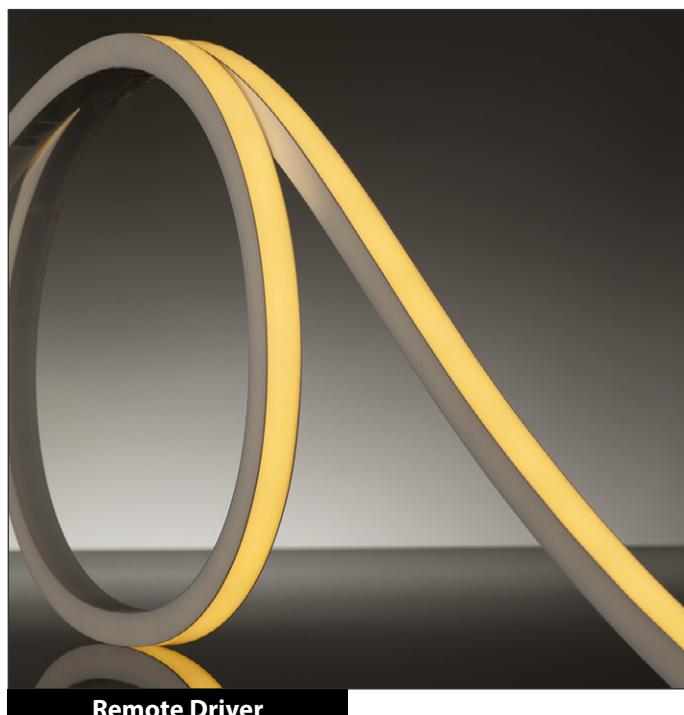


# FLEXI-LINE T GEN 2

**VEXICA**

Flexible Polyurethane Linear LED Luminaires with a  
Choice of Static and Dynamic Colour Options  
Top Bending | Up to 117lm/W | Outdoor & Indoor Use



## 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, UL, IP67

### 5-Year Warranty

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



**VEXICA**

[VEXICA.COM](http://VEXICA.COM) | [SALES@VEXICA.COM](mailto:SALES@VEXICA.COM) | +44 (0)113 243 4813

Page 1 of 8

### LIGHT OUTPUT INFORMATION

#### Efficacy (lm/W)

Fixture Type	Power Output	Static White							Tunable White <sup>1</sup>		
		1800K	2000K	2200K	2500K	2700K	3000K	4000K	2500K	5000K	Max
	<b>6 W/m</b>	47	54	65	77	80	82	88	-	-	-
<b>T</b>	<b>10 W/m</b>	47	54	65	77	80	82	88	-	-	-
	<b>15 W/m</b>	47	54	65	77	80	82	88	56	66	61
	<b>6 W/m</b>	53	-	63	81	85	91	95	-	-	-
<b>T2</b>	<b>10 W/m</b>	53	-	63	81	85	91	95	-	-	-
	<b>15 W/m</b>	53	-	63	81	85	91	95	63	74	68
	<b>6 W/m</b>	59	-	70	90	96	99	106	-	-	-
<b>T2L(R)</b>	<b>10 W/m</b>	59	-	70	90	96	99	106	-	-	-
	<b>15 W/m</b>	59	-	70	90	96	99	106	70	82	76
	<b>6 W/m</b>	65	-	77	100	105	111	117	-	-	-
<b>T3</b>	<b>10 W/m</b>	65	-	77	100	105	111	117	-	-	-
	<b>15 W/m</b>	65	-	77	100	105	111	117	77	91	84

Fixture Type	Power Output	RGB <sup>2</sup>				RGB Dynamic <sup>2</sup>				RGBW <sup>3</sup>				RGBW Dynamic <sup>3</sup>					
		Max	Red	Green	Blue	Max	Red	Green	Blue	Max	Red	Green	Blue	White	Max	Red	Green	Blue	White
<b>T</b>	<b>15 W/m</b>	29	17	61	12	23	15	39	7	41	17	67	13	63	34	16	51	10	45
<b>T2</b>	<b>15 W/m</b>	33	19	69	13	26	17	44	8	45	19	75	14	71	38	18	56	11	49
<b>T2L(R)</b>	<b>15 W/m</b>	37	21	77	15	29	19	49	9	51	21	84	16	79	42	20	62	12	55
<b>T3</b>	<b>15 W/m</b>	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

<sup>1</sup>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.

<sup>2</sup>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.

<sup>3</sup>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)

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

Fixture Type	Power Output	RGB <sup>2</sup>				RGB Dynamic <sup>2</sup>				RGBW <sup>3</sup>				RGBW Dynamic <sup>3</sup>					
		Max	Red	Green	Blue	Max	Red	Green	Blue	Max	Red	Green	Blue	White	Max	Red	Green	Blue	White
T	<b>15 W/m</b>	444	86	298	63	279	72	186	33	608	64	254	46	244	483	68	216	42	190
T2	<b>15 W/m</b>	498	97	334	70	313	81	209	37	680	71	284	52	273	541	77	237	47	207
T2L(R)	<b>15 W/m</b>	554	108	372	78	348	90	232	42	758	80	317	58	305	602	86	265	53	231
T3	<b>15 W/m</b>	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

<sup>1</sup>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.

<sup>2</sup>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.

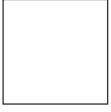
<sup>3</sup>RGBW consists of 4 channels (Red, Green, Blue & White), each capable of outputting 1/4 of the total luminaire power output. The 'Max' value is taken when all four channels are at 100% and the fixture is running at its maximum power output.

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

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

### PHYSICAL & ENVIRONMENTAL INFORMATION

<b>Housing Colour</b>		
	White	Contact Us for Special Projects
<b>Finish</b>	Flexible Polyurethane Resin	
<b>Ambient Operating Temperature</b>	-10°C to +50°C	
<b>Ambient Storage Temperature</b>	-30°C to +85°C	
<b>IP Rating</b>	IP67	
<b>IK Rating</b>	IK03	
<b>Weight</b>	<b>All Variants</b>	0.260kg/m

### LED CCT/COLOUR OPTIONS

**STATIC WHITE<sup>a</sup>**  
1800K, 2000K\*, 2200K,  
2500K, 2700K, 3000K, 4000K



\*2000K in Flexi-Line T only

**TUNABLE WHITE<sup>b</sup>**  
2500K to 5000K



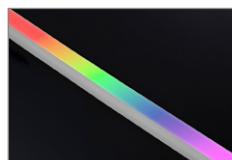
**TUNABLE RGB<sup>c</sup>**  
RGB LED Colour Mixing



**TUNABLE RGBW<sup>e</sup>**  
RGBW (3000K)  
LED Colour Mixing



**DYNAMIC RGB<sup>d</sup>**  
RGB SPI Dynamic Pixels



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

**DYNAMIC RGBW<sup>d</sup>**  
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	White				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
T2	Tunable White	64	4814	50	
T2L	RGBW				
T2LR					
T3	RGB				
	RGB Dynamic	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
	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

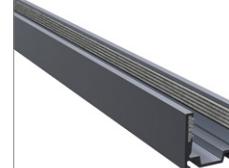
Stainless Steel



ORDER CODE: 017228

#### RIGID CHANNEL

Aluminium



ORDER CODE: 017229

#### RIGID CHANNEL WITH CABLE MANAGEMENT

Aluminium



ORDER CODE: 022138

<sup>a</sup>White supplied at CRI 90 as standard.

<sup>b</sup>Tunable 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.

<sup>c</sup>Tunable 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.

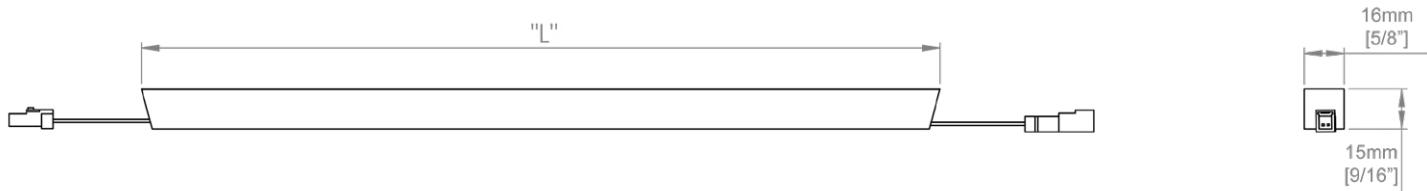
<sup>d</sup>Must be used in conjunction with Vexica HybridDrive6 driver plus PSU. Max cable length from driver to first fitting is 1m, any extensions will require additional equipment. Contact your Vexica rep for details.

<sup>e</sup>Tunable 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.

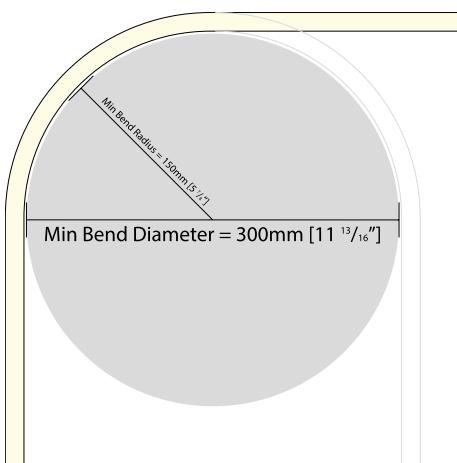
### PRODUCT DIMENSIONS

#### Flexi-Line T (All Variants)

Top-Bending  
One, Two & three sided illumination

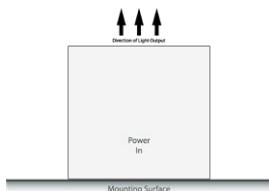


#### Minimum Bend Radius

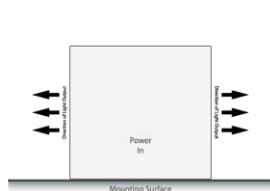


#### Light Output Direction

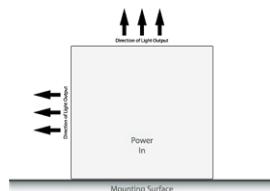
**T**  
Single Sided Lumination  
Top Side



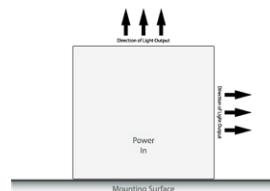
**T2**  
Two Sided Lumination  
Both Sides



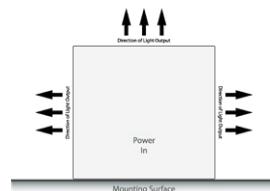
**T2L**  
Two Sided Lumination  
Top and One Side (Left)



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

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

LENGTH

**WHITE, TUNABLE WHITE & RGBW**

**X** Specify Xmm  
50mm Intervals + 14mm  
Minimum = 64mm  
Maximum = 4814mm

**RGB, RGB-DYN & RGBW-DYN**

Specify Xmm  
100mm Intervals + 14mm  
Minimum = 114mm  
Maximum = 4814mm

#### 3) FIXTURE POWER, IP RATING & BEAM PATTERN

POWER OPTION	IP RATING	BEAM PATTERN		
<b>6W</b> <b>10W</b> <b>15W</b>	<b>IP67</b>	<b>DIF</b>	<b>Diffuse Homogeneous</b>	

6W/m (Static White Only)  
10W/m (Static White Only)  
15W/m (All Options)

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



#### 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

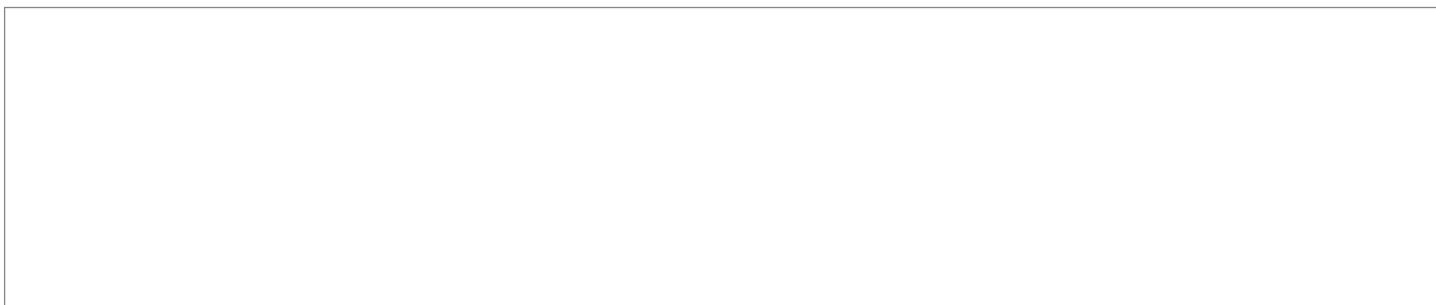
#### Warranty & Terms

##### Terms & Conditions

##### Warranty Registration

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

#### Notes



Page 8 of 8

**VEXICA**

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

VEXICA TECHNOLOGY | Typhoon House, Moxon Way, Leeds, West Yorkshire, LS25 6FB, United Kingdom