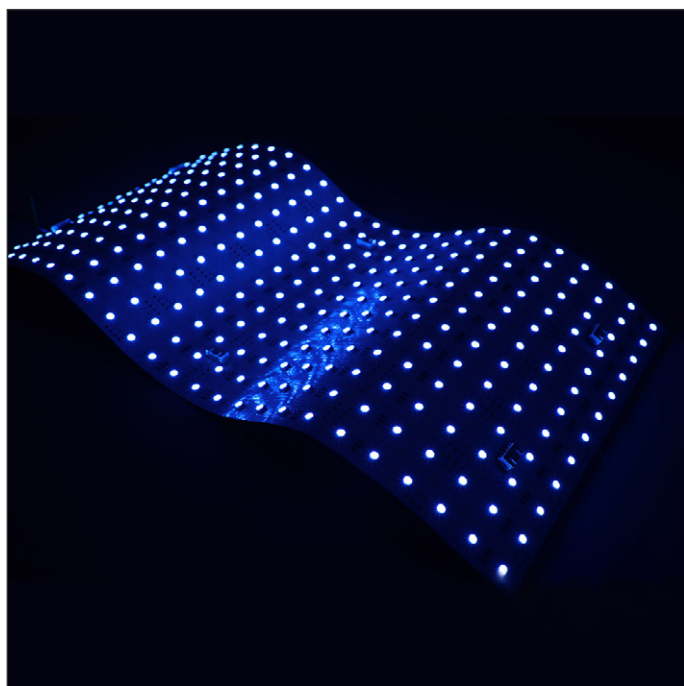
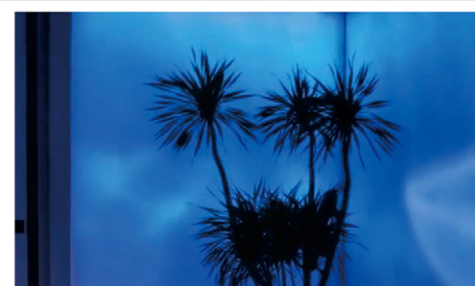
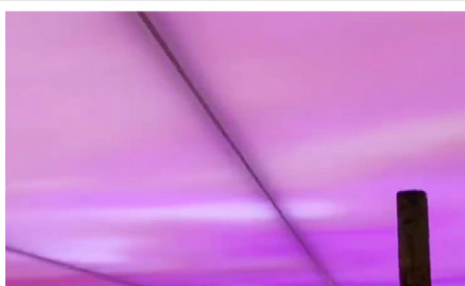


# FLEXI-PANEL

**VEXICA**

A cuttable, flexible panel luminaire available in a range of CCTs and colour options

480mm x 240mm | Flexible | IP20 or IP54



Remote Driver

## Features & Benefits

### Wide Range of CCT and Colour Options

Available in a choice of Static White, Tunable White, RGB, RGBW & RGBW Dynamic. CRI 90 as standard where applicable.

### Flexible & Cuttable

Designed to ensure the best fit possible, each Flexi-Panel is flexible and is divided into cuttable units.

### Mounting Options

Panels can be stuck via pre-mounted 3M adhesive tape or screwed in place by drilling the marked holes.

### Compliance

UKCA, CE, CB, UL, IP20 & IP54 Options

### 5-Year Warranty

Standard 5-year warranty, L70 (Static White) @ >50,000 hours.



LIGHT OUTPUT INFORMATION

Efficacy (lm/W)

Static White

Power Output (W/sheet)	Power Output (W/m²)	2700K	3000K	3500K	4000K	5000K	6500K
10	87	107	113	113	119	119	119
20	174	109	115	115	121	121	121
30	261	104	109	109	115	115	115
45	392	101	107	107	112	112	112

Tunable White

Power Output (W/sheet)	Power Output (W/m²)	2700K	6500K	Mid-Range
20	174	100	111	106
40	348	102	113	108
60	522	94	105	100
90	783	92	102	97

NOTE

Additional CCTs are available on request, please ask your Vexica representative for details.

RGB

Power Output (W/sheet)	Power Output (W/m²)	Max (All)	Red	Green	Blue
60	521	43	38	71	19

RGBW

Power Output (W/sheet)	Power Output (W/m²)	Max (All)	Red	Green	Blue	White (3000K)
80	695	50	34	72	16	77

RGBW Dynamic Pixel

Power Output (W/sheet)	Power Output (W/m²)	Red	Green	Blue	White (3000K)
32	278	26	75	15	65

The above output values are specified, where applicable, at CRI 90 and IP20 as standard. For IP54 the output is reduced by 5%.  
If the data that you require is missing, please contact your Vexica representative.

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/sheet [lm/m²])

Static White

Power Output (W/sheet)	Power Output (W/m²)	2700K	3000K	3500K	4000K	5000K	6500K
10	87	1070 [9305]	1130 [9825]	1130 [9825]	1190 [10340]	1190 [10340]	1190 [10340]
20	174	2108 [18875]	2300 [19920]	2300 [19920]	2420 [20970]	2420 [20970]	2420 [20970]
30	261	3105 [27250]	3280 [28765]	3280 [28765]	3450 [30280]	3450 [30280]	3450 [30280]
45	392	4545 [39610]	4800 [41810]	4800 [41810]	5050 [44010]	5050 [44010]	5050 [44010]

Tunable White

Power Output (W/sheet)	Power Output (W/m²)	2700K	6500K	Mid-Range
20	174	1000 [8670]	1110 [9625]	2110 [18295]
40	348	2040 [17685]	2260 [19595]	4300 [37280]
60	522	2820 [24450]	3150 [27310]	5970 [51760]
90	783	4140 [35895]	4590 [39795]	8730 [75690]

**NOTE**

Additional CCTs are available on request, please ask your Vexica representative for details.

RGB

Power Output (W/sheet)	Power Output (W/m²)	Max (All)	Red	Green	Blue
60	521	2550 [22140]	750 [6510]	1425 [12375]	375 [3250]

RGBW

Power Output (W/sheet)	Power Output (W/m²)	Max (All)	Red	Green	Blue	White (3000K)
80	695	3975 [34490]	675 [5860]	1430 [12380]	325 [2820]	1547 [13430]

RGBW Dynamic Pixel

Power Output (W/sheet)	Power Output (W/m²)	Red	Green	Blue	White (3000K)
32	278	280 [1510]	800 [3520]	160 [860]	690 [5990]

The above output values are specified, where applicable, at CRI 90 and IP20 as standard. For IP54 the output is reduced by 5%.

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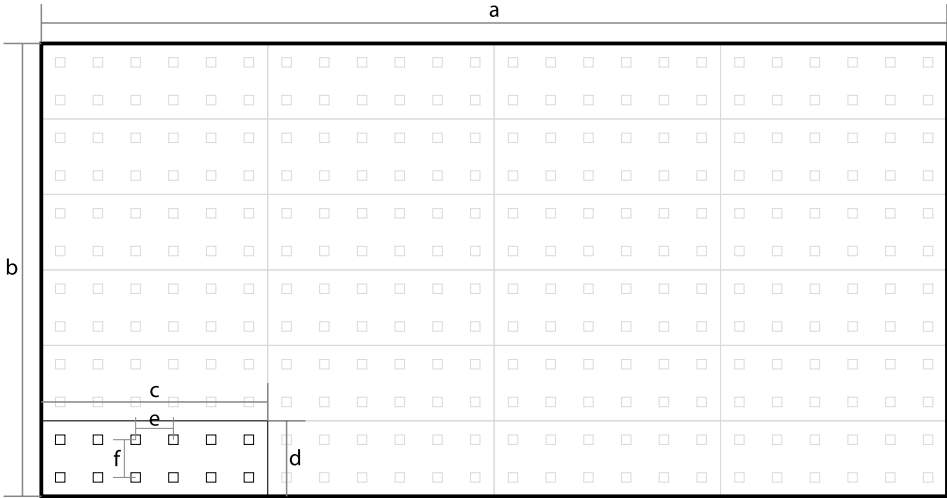
ELECTRICAL INFORMATION

Power Options	Static White	10W [87W/m²], 20W [174W/m²], 30W [261W/m²], 45W [392W/m²]
	Tunable White	20W [174W/m²], 40W [348W/m²], 60W [522W/m²], 90W [783W/m²]
	RGB	60W [521W/m²]
	RGBW	80W [695W/m²]
	RGBW Dynamic	32W [278W/m²]
Input Voltage	24 VDC (23.5V Min, 24.5V Max)	
Dimmable	Yes	
Cuttable	Yes (See dimensions for cutting unit size and refer to installation guide for limits)	
Connection Type	Static White	On-Board 6A Female Wago 2-Pin Connector
	Tunable White	On-Board 6A Female Wago 3-Pin Connector
	RGB	On-Board 3A JST-XH 4-Pin Connector
	RGBW	On-Board 3A JST-XH 5-Pin Connector
	RGBW Dynamic	On-Board 6A Female Wago 3-Pin Connector
Connection Kit	300mm Starter Cables	
	50mm Extension Cables	
LED Binning	3 SDCM (White Only)	
LED Type	Static White & Tunable White	SMD2835
	RGB, RGBW & RGBW Dynamic	SMD5050
LED Quantity per Sheet	Static White	252
	Tunable White	504
	RGB	288
	RGBW	288
	RGBW Dynamic	216

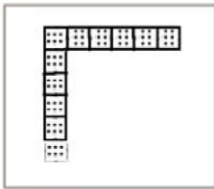
PHYSICAL & ENVIRONMENTAL INFORMATION

Finish	2oz White FPC, OSP
Mounting Method	Pre-Mounted 3M 3000LSE Tape On Rear / Drill & Screw Through Marked Holes
Ambient Operating Temperature	-20°C to +45°C
Ambient Storage Temperature	-20°C to +60°C
IP Rating	IP20 or IP54
IK Rating	N/A
Weight	2.350 kg/m²

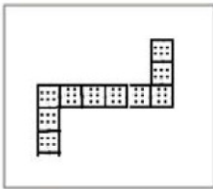
DIMENSIONS



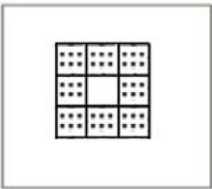
	Static White	Tunable White	RGB	RGBW	RGBW Dynamic
Sheet Length (a)	480mm	480mm	480mm	480mm	480mm
Sheet Width (b)	240mm	240mm	240mm	240mm	240mm
Unit Length (c)	160mm	160mm	120mm	120mm	80mm
Unit Width (d)	80mm	80mm	40mm	40mm	80mm
LED Pitch - Length (e)	23mm	23mm	20mm	20mm	20mm
LED Pitch - Width (f)	20mm	20mm	20mm	20mm	20mm
Sheet Height (Inc Connector)	6.5mm	6.5mm	8.0mm	8.0mm	6.5mm



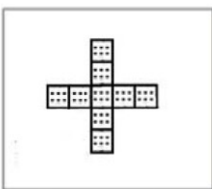
'L' Shaped Run



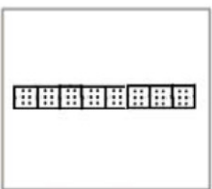
'S' Shaped Run



Donut-Shaped Run



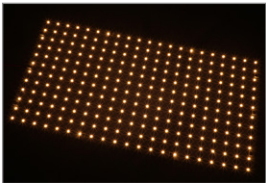
Cross-Shaped Run



Straight Run

LED CCT/COLOUR OPTIONS

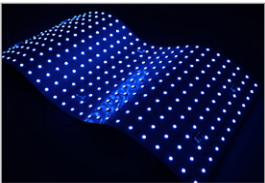
**STATIC WHITE**  
2700K, 3000K, 3500K,  
4000K, 5000K, 6500K



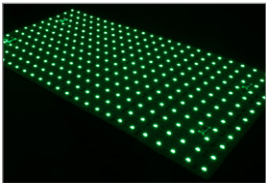
**TUNABLE WHITE**  
2700K to 6500K



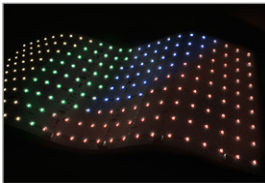
**TUNABLE COLOUR**  
RGB Colour Mixing



**TUNABLE COLOUR**  
RGBW (3000K) Colour Mixing



**DYNAMIC COLOUR**  
RGBW Dynamic Pixel (SPI)



FIXTURE ORDERING

Project Name

1) FIXTURE, OUTPUT TYPE & DIMENSIONS

PRODUCT	CCT/LED COLOUR		SIZE	
VEX-FLEXI-PANEL			480x240	
Flexi-Panel is a flexible panel luminaire that is able to be cut to shape.	2700K	Static White (2700K)	480x240	480mmx240mm
	3000K	Static White (3000K)		
	3500K	Static White (3500K)		
	4000K	Static White (4000K)		
	5000K	Static White (5000K)		
	6500K	Static White (6500K)		
	TW-2700K-6500K	Tunable White (2700K-6500K)		
	RGB	Tunable Colour (RGB)		
	RGBW-3000K	Tunable Colour (RGBW-3000K)		
	RGBW-DYN-3000K	Dynamic Pixel SPI (RGBW-3000K)		

2) LUMINAIRE POWER

POWER OPTION

STATIC WHITE		TUNABLE WHITE		RGB		RGBW		RGBW DYNAMIC			
10W	10W [87W/m²]	20W	20W [174W/m²]	60W	60W [521W/m²]	80W	80W [695W/m²]	32W	32W [278W/m²]		
20W	20W [174W/m²]	40W	40W [348W/m²]								
30W	30W [261W/m²]	60W	60W [522W/m²]								
45W	45W [392W/m²]	90W	90W [783W/m²]								

3) IP RATING

IP RATING

IP20	IP20, Dry conditions only										
IP54	IP54, Dry & damp conditions										

PRODUCT CODE:

EXAMPLE: VEX - FLEXI - PANEL- 2700K - 480X240 - 45W - IP20

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks



Environmental Suitability

Sustainability

Responsibly sourced and manufactured.

Recyclable

Bare PCB recyclable where facilities exist

Reliability

Manufacturing

All Vexica products are manufactured 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

