FLEXI-LIGHT

VEXICA

Flexible LED Luminaire with Grazing Optics
Outdoor & Indoor Use

Remote Driver

MADE IN BRITAIN ®

Features & Benefits

Flexible Wall Grazing
Unique sectioned, flexible design allows wall grazing effect whilst following a contour

Broad Range of Colour Options
Static White is available as standard, in CRI 80, 90 & 95. A RGB Dynamic option is available for Flexi-Light Max.

Resin Encapsulation Technology
Luminaires encapsulated in polyurethane resin to ensure environmental robustness and longevity

Multiple Beamshapes
TIR optics are available with a variety of beam angles.

Choose Your Length
Available in lengths upto 2m with one driver powering up to 4.8m of lumination

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.

LIGHT OUTPUT INFORMATION

Efficacy (lm/W)

Fixture Type	Power Output	Optic Type[1]	Static White					RGB Dynamic[2]			
			2200K	2700K	3000K	3500K	4000K	Max (White)	Red	Green	Blue
Flexi-Light	**15W/m**	**TIR**	105	108	115	115	120	-	-	-	-
Flexi-Light Max	**24 W/m**	**TIR**	96	98	102	102	106	-	-	-	-
Flexi-Light Max RGB Dynamic	**20 W/m**	**TIR**	-	-	-	-	-	24	26	40	7

Nominal Lumen Output (lm/m)

Fixture Type	Power Output	Optic Type[1]	Static White					RGB Dynamic[2]			
			2200K	2700K	3000K	3500K	4000K	Max (White)	Red	Green	Blue
Flexi-Light	**15 W/m**	**TIR**	1575	1620	1725	1725	1800	-	-	-	-
Flexi-Light Max	**24 W/m**	**TIR**	2304	2352	2448	2448	2544	-	-	-	-
Flexi-Light Max RGB Dynamic	**20 W/m**	**TIR**	-	-	-	-	-	480	169	265	46

The values above are specified at CRI = 80

For CRI = 90 reduce by 10%; for CRI = 95 reduce by 20%

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

[1] Lumen output values for TIR optic models vary slightly depending on beam angle selected
[2] Max (White) value is taken when each pixel is at 100%. Red, Green & Blue values are taken when each pixel is set to that colour and is drawing 1/3 of the total luminaire 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. 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	Flexi-Light - Static White	= 15W/m
	Flexi-Light Max - Static White	= 24W/m
	Flexi-Light Max - RGB Dynamic	= 20W/m
Input Voltage	24 VDC (23V Min, 25V Max)	
Dimmable	Yes	
Connection Type	JST JWPF IP67	
LED Binning	SDCM 3 (White Only)	
Maximum Chain Length	Flexi-Light Midi = 4800mm	
	Flexi-Light Max Static White = 2665mm	
	Flexi-Light Max RGB Dynamic = 3600mm (upto 9m with power injectors)	

PHYSICAL & ENVIRONMENTAL INFORMATION

|		
Housing Colour	White	Contact Us for Special Projects
Finish	**Body**	Flexible Polyurethane Resin
	Lens	Acrylic (PMMA)
Ambient Operating Temperature	-10°C to +50°C	
Ambient Storage Temperature	-30°C to +85°C	
IP Rating	IP67	
IK Rating	IK03	
Weight	**Flexi-Light Midi**	0.330kg/m
	Flexi-Light Max	0.660kg/m

FLEXI-LIGHT

LED CCT/COLOUR OPTIONS

STATIC WHITE
2200K, 2500K, 2700K, 3000K, 3500K, 4000K
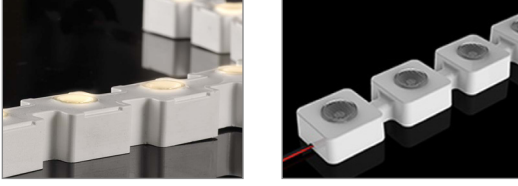
DYNAMIC COLOUR*
RGB Dynamic Pixels

*RGB Dynamic is only available for Flexi-Light Max with a Symmetric 32° TIR optic.
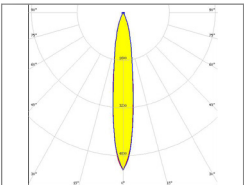
LENGTH (L) OPTIONS

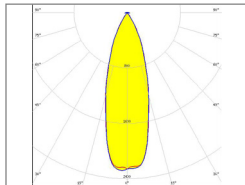| Product	LED Colour	Minimum Length (mm)	Maximum Length (mm)	Length Increments (mm)	Length Options (mm)
Midi (Node Size = 25 x 25mm)	2200K 2700K 3000K 3500K 4000K	199	2089	210mm	199, 409, 619, 829, 1039, 1249, 1459, 1669, 1879, 2089
Max (Node Size = 40 x 40mm)	2200K 2700K 3000K 3500K 4000K	319	985	333mm	319, 652, 985

BEAMSHAPE SELECTION

Flexi-Light Midi
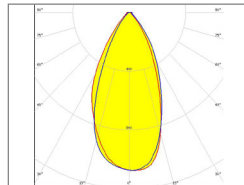
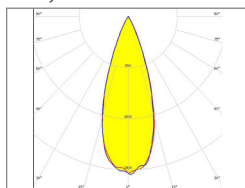| **SYMMETRIC 20** Symmetric 20°	**SYMMETRIC 35** Symmetric 35°	**SYMMETRIC 57** Symmetric 57°	**ASYMMETRIC** Asymmetric 45° by 20°
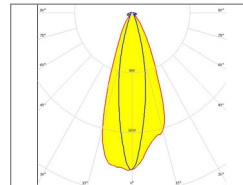
Flexi-Light Max
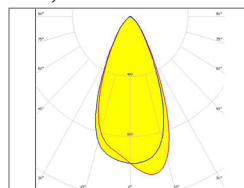
SYMMETRIC 13 Symmetric 13° Beam	**SYMMETRIC 33** Symmetric 33° Beam	**SYMMETRIC 47** Symmetric 47° Beam	**ASYMMETRIC** Asymmetric 47° x 14° Beam	**RGB DYNAMIC*** Symmetric 32° Beam [ONLY]
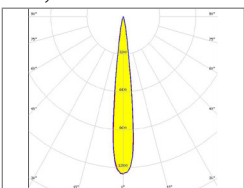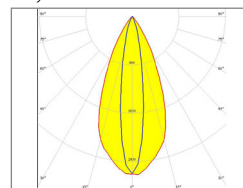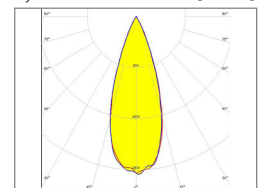
MOUNTING OPTION

Flexi-Light
FLUSH MOUNT CLIP
Stainless Steel

ORDER CODE: 007929

Flexi-Light Max
FLUSH MOUNT CLIP
Stainless Steel

ORDER CODE: 011816

FLEXI-LIGHT

PRODUCT DIMENSIONS

Flexi-Light

25mm x 25mm Node, 30 per m

23.75 [15/16"]

13.25 [67/128"]
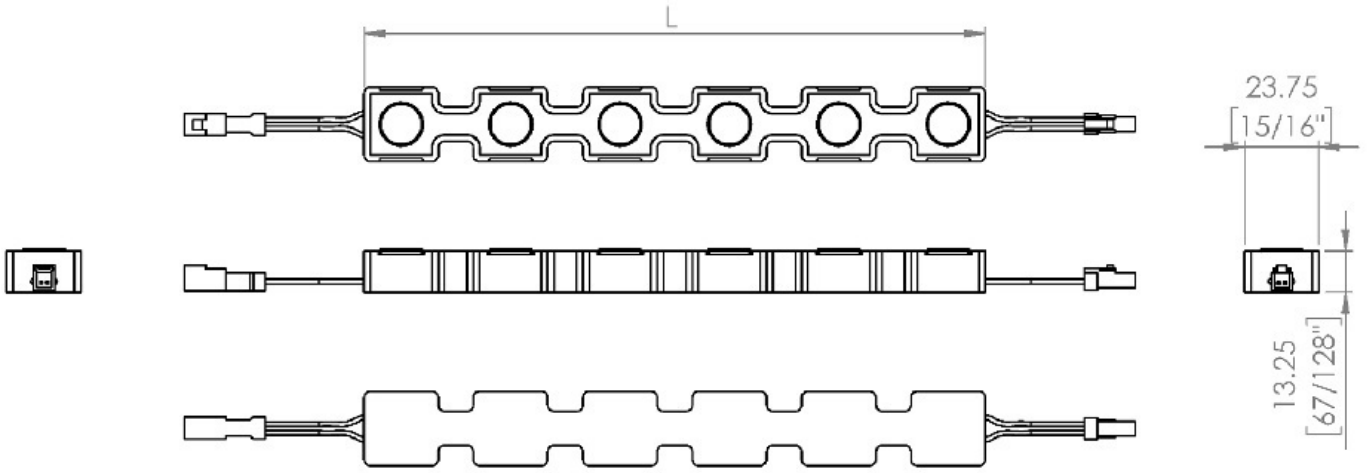
Maxmimum Bend Radius   Horizontal = 150mm   Vertical = 300mm

Flexi-Light Max

40mm x 40mm Node, 18 per m

55.50 [2 3/16"]

41.24 [1 5/8"]

19.80 [25/32"]
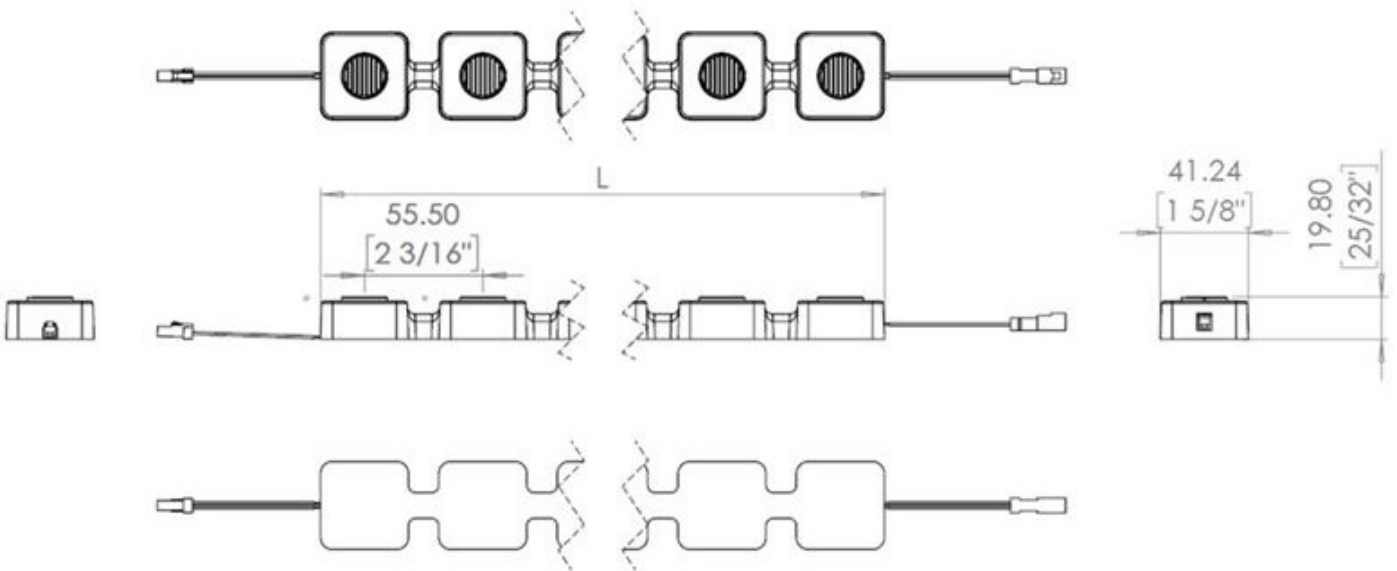
Maxmimum Bend Radius   Horizontal = 300mm   Vertical = 600mm

FIXTURE ORDERING

Project Name

1) FIXTURE & OUTPUT TYPE

PRODUCT	TYPE		OPTIC		CCT/LED Colour	
VEX-FLEXI-LIGHT			**TIR**			
Flexi-Light is a Flexible Polyurethane, Exterior-Grade LED Luminaire with Wall Grazing Optics.	**-**	Flexi-Light (Pixel Size = 25 x 25mm)	**TIR**	TIR Lens	**2200K**	2200K
	MAX	Flexi-Light Max (Pixel Size = 40 x 40mm)			**2700K**	2700K
					3000K	3000K
					3500K	3500K
					4000K	4000K
					RGB-DYN	RGB Dynamic [Flexi-Light Max ONLY]

2) LUMINAIRE LENGTH (Select For Chosen Type)

FLEXI-LIGHT			**FLEXI-LIGHT MAX**	
199	199mm		**319**	319mm
409	409mm		**652**	652mm
619	619mm		**985**	985mm
829	829mm			
1039	1039mm			
1249	1249mm			
1459	1459mm			
1669	1669mm			
1879	1879mm			
2089	2089mm			

3) FIXTURE POWER, IP RATING, BEAM PATTERN & RESIN COLOUR

POWER OPTION		IP RATING		BEAM ANGLE			
		IP67					
15W	Flexi-Light Static White = 15W/m	**IP67**	Water & Dust Proof Suitable for outdoor use	**FLEXI-LIGHT**		**FLEXI-LIGHT MAX**	
				DIF	Non-TIR (Diffuse Opal Resin)	**DIF**	Non-TIR (Diffuse Opal Resin)
	Flexi-Light Max			**20**	Symmetric 20°	**13**	Symmetric 13°
20W	RGB Dynamic = 20W/m			**35**	Symmetric 35°	**32**	Symmetric 32° [RGB Dynamic ONLY]
24W	Static White = 24W/m			**57**	Symmetric 57°	**33**	Symmetric 33°
				45x20	Asymmetric 45° by 20°	**47**	Symmetric 47°
						47x14	Asymmetric Beam 47° by 14°

ATTENTION: Where Flexi-Light Max RGB Dynamic is selected only a 32° beam angle is available

PRODUCT CODE:

EXAMPLE: VEX - FLEXI - LIGHT - TIR - 2200K - 1039 - 15W - IP67 - 45x20

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	Partially recyclable. Optics are recyclable at end of life.

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

VEXICA

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Flexi-Light - Specification Guide - Rev B