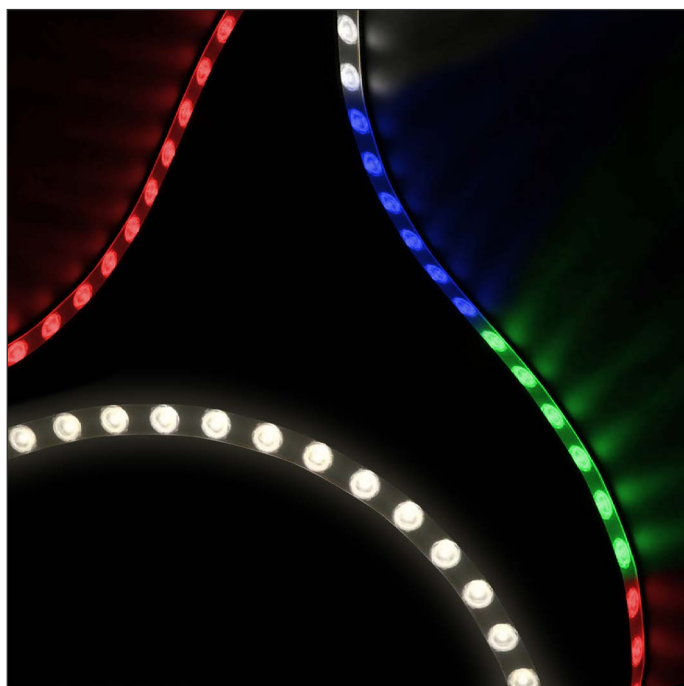


FLEXI-GRAZE 3D MAX

VEXICA

A Dual Axis Flexible Luminaire With Integrated TIR Optics
in a Choice of CCT and Colour Options

34mm x 25mm | Dual Axis '3D' Bending | Indoor & Outdoor Use



Remote Driver

**MADE IN
BRITAIN**®

Features & Benefits

Dual Axis '3D' Bending

Flexible in both top and side directions this luminaire can effortlessly conform to the most complex profiles.

Select From a Range of LED Selections

Static White, RGBW & RGBW Dynamic are available with CRI 90 as standard.

Superior Flexible Technology

Unique construction allows for dual axis '3D' bending. Fully encapsulated in high-grade silicone for longevity and environmental robustness.

Integrated Grazing Optics

Choose from an array of integrated grazing optic beam angles, from 10° narrow beam to 50° wide beam.

On-Site Cutting to Final Length

Supplied in standard 'finished' 5m lengths. Can be cut and refinished on-site at 250mm intervals (500mm for RGBW Dynamic. Alternative factory-finished lengths with MoQ.

Compliance

UKCA, CE, UL, IP67 (IP65 if site cut)

5-Year Warranty

Standard 5-year warranty, L70 @ >50,000 hours.

LIGHT OUTPUT INFORMATION

Efficacy (lm/W)

Fixture Type	Power Output	Static White			RGBW ¹					RGBW Dynamic ²				
		2700K	3000K	4000K	Max	Red	Green	Blue	White (3000K)	Max	Red	Green	Blue	White (3000K)
Flexi-Graze 3D Max	25 W/m	81	85	89	49	37	68	14	81	51	36	67	15	84

Luminaire Lumen Output (lm/m)

Fixture Type	Power Output	Static White			RGBW ¹					RGBW Dynamic ²				
		2700K	3000K	4000K	Max	Red	Green	Blue	White (3000K)	Max	Red	Green	Blue	White (3000K)
Flexi-Graze 3D Max	25 W/m	2025	2125	2225	1225	231	425	88	506	1275	225	419	94	525

The above output values are specified at CRI 90 as standard.

Photometric results displayed for 20° TIR optics. Output will vary for alternative selections.

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

¹ RGBW consists of 4 channels (Red, Green,Blue & White), each capable of outputting 25% of the maximum luminaire power.

² RGBW Dynamic is made up of 4 pixels per m. Photometric data is taken when all pixels are set to the same output colour and intensity. Each pixel has 4 controllable channels (Red, Green,Blue & White), each capable of outputting 25% of the maximum 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. 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	25W/m - All Options
Input Voltage	24 VDC (23V Min, 25V Max) - All Options
Dimmable	Yes
Connection Type	300mm IP Connector or Flying Lead (Input/Output or Input Only)
Cable Entry/Exit	Side Feed Entry/Exit
	Bottom Feed Entry/Exit
LED Binning	3 SDCM (White Only)
No. of LEDs	24 per meter (6 per pixel)
Maximum Chain Length	5m - All Options

PHYSICAL & ENVIRONMENTAL INFORMATION

Housing Colour



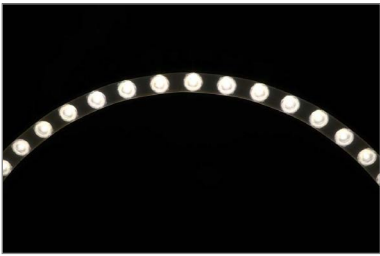
White

Finish	Flexible White Silicone
Ambient Operating Temperature	-20°C to +50°C
Ambient Storage Temperature	-20°C to +60°C
IP Rating	IP67 (Reduced to IP65 if cut)
IK Rating	IK07
Weight	0.620 kg/m

LED CCT/COLOUR OPTIONS

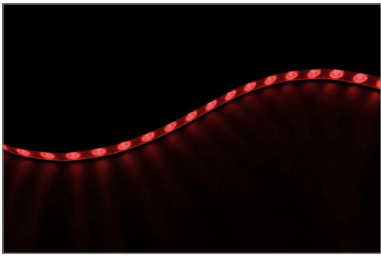
STATIC WHITE

2700K, 3000K, 4000K



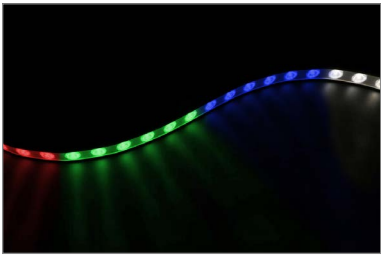
TUNABLE COLOUR^a

RGBW LED Colour Mixing



DYNAMIC COLOUR^b

RGBW Dynamic Pixels (4/m)

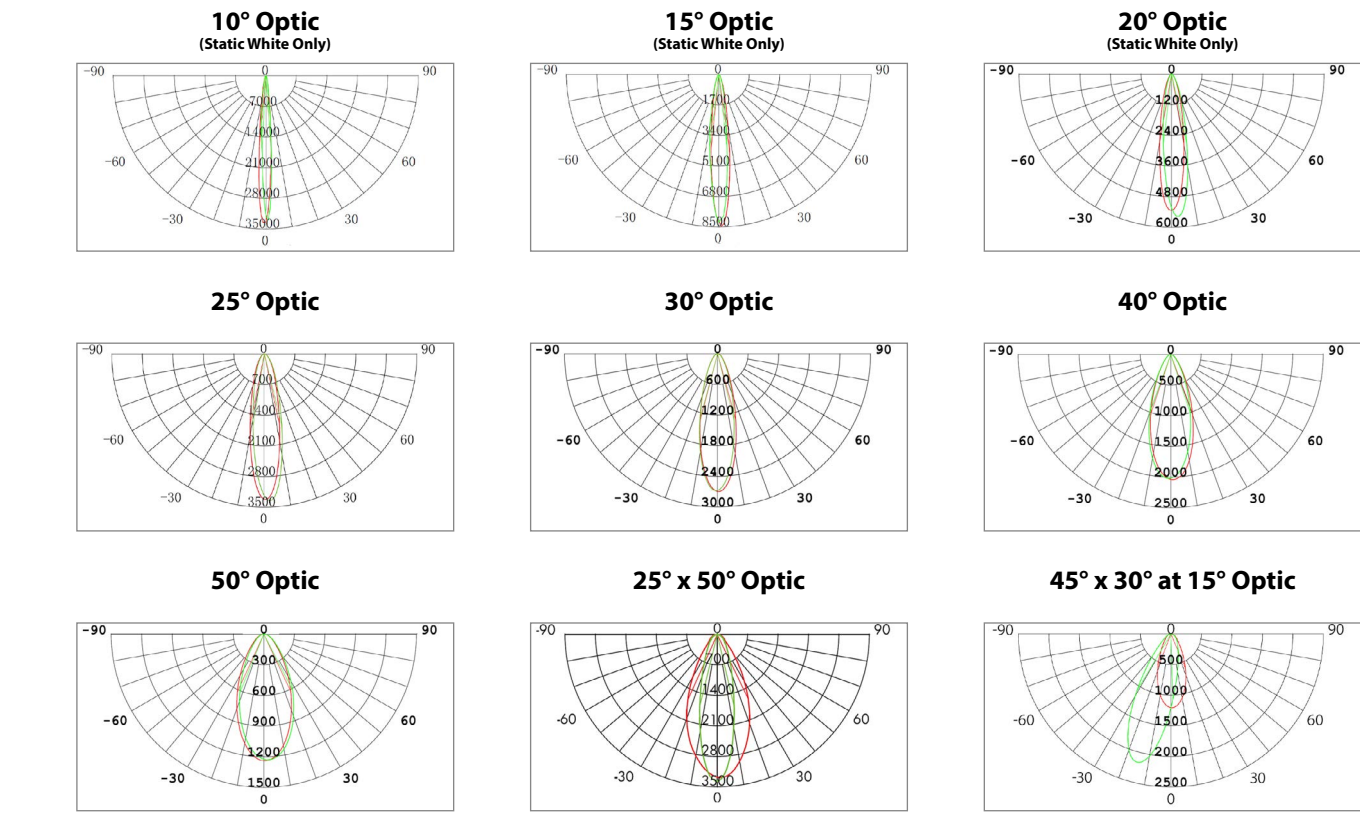


LENGTH (L) OPTIONS

Product	LED Colour	Luminaire Length (mm)	Cutting Increments (mm)
Flexi-Graze 3D Max	Static White RGBW	5000	250
	RGBW Dynamic	5000	500

NOTE
Luminaires are supplied at 5m fully factory prepared for installation with an IP67 rating. On-site cutting to final length is possible, but ingress protection will be reduced to IP65. Additional end caps are required to terminate and waterproof the cut luminaire for operation.

BEAMSHAPE



^a In RGBW specification 4 channels are controllable (Red, Blue, Green and White) each representing 25% of the maximum luminaire power output. When all channels are at 100% the luminaire maximum output will be achieved.
^b Must be used in conjunction with a Vexica HybridDrive6 driver and PSU. Max cable length from driver to first fitting is 1m, any extensions will require additional equipment. Contact your Vexica rep for details.

PRODUCT DIMENSIONS

L

La

Lb

= Total Length

= LED Strip Length

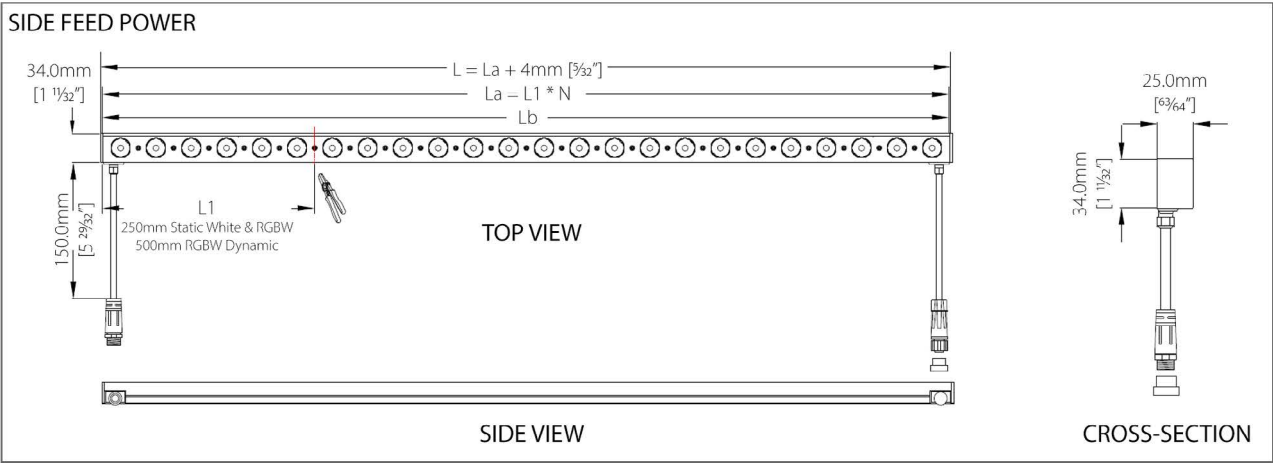
= Luminous Surface Length

L1

N

= Length Increment

= Integer Number



FIXTURE ORDERING

Project Name

1) FIXTURE & OUTPUT TYPE

PRODUCT	CCT/LED COLOUR	
VEX-FLEXI-GRAZE-3D-MAX		
Flexi-Graze 3D Max is a Dual Axis '3D' Bending, Flexible Silicone, Exterior-Grade, Linear LED Luminaire with Grazing Optics. (34mm x 25mm)	2700K 3000K 4000K RGBW-3000K RGBW-DYN-3000K	Static White (2700K) Static White (3000K) Static White (4000K) Tunable Colour (RGBW 3000K) Dynamic Colour (RGBW 3000K)

2) LUMINAIRE LENGTH, POWER & IP RATING

LENGTH	POWER OPTION	IP RATING
5004mm	25W	IP67
5004mm5004mm	25W25W/m	IP67Water & Dust Proof Suitable for outdoor use (Reduced to IP65 if site cut and re-finished)

3) BEAM ANGLE & END TYPE

BEAM ANGLE	END TYPE
10 15 20 25 30 40 50 25x50 45x30x15	10° Optic, Circular [Static White ONLY] 15° Optic, Circular [Static White ONLY] 20° Optic, Circular [Static White ONLY] 25° Optic, Circular 30° Optic, Circular 40° Optic, Circular 50° Optic, Circular 25° x 50° Optic, Ovular 45° x 30° at 15° Optic, Asymmetric Ovular
	BF SF Bottom Feed, Input Only Side Feed, Input Only (If cutting is required, please order additional end-cap accessories as required - See P7)

PRODUCT CODE:

EXAMPLE: VEX - FLEXI - GRAZE- 3D - MAX - RGBW - DYN - 3000K - 5004mm - 25W - IP67 - 25x50 - BF

END CAP ACCESSORIES (For On-Site End Preparation)

To ensure correct operation and maintain IP rating when site-cut, the luminaire should be re-terminated using one of the end cap kits below

Kits must be applied following the procedure in the Flexi-Graze 3D Max installation guide. Failure to do so may result in incorrect operation and will void any warranty.

If you require guidance, please contact your Vexica representative who will be happy to assist.

PRODUCT

VEX-FLEXI-GRAZE-3D-MAX-ACCESSORY	
VEX-FLEXI-GRAZE-3D-MAX-ACCESSORY	Accessory for Flexi-Graze 3D Max

CONNECTION TYPE

INPUT-CABLE-300mm	300mm Input Cable
GLUE-ENDCAP-CABLE-SET-300mm	End Cap Kit with 300mm Connectors & Glue
GLUE-ENDCAP-CABLE-SET-300mm-TAILS	End Cap Kit with 300mm Tails & Glue
GLUE-ENDCAP-CABLE-SET-300mm-INPUT-ONLY	End Cap Kit with 300mm Connectors & Glue (Includes Blanking End Cap)
GLUE-ENDCAP-CABLE-SET-300mm-TAILS-INPUT-ONLY	End Cap Kit with 300mm Tails & Glue (Includes Blanking End Cap)

CABLE WAYS

FEED TYPE

2-WAY	Static White (2-Way Cable)	BF	Bottom Entry End Cap & Glue
3-WAY	Dynamic Colour - RGBW (3-Way Cable)	SF	Side Entry End Cap & Glue
5-WAY	Tunable Colour - RGBW (5-Way Cable)		

ACCESSORY CODE:

EXAMPLE: VEX-FLEXI-GRAZE-3D-MAX-ACCESSORY-GLUE-ENDCAP-CABLE-SET-300mm-TAILS-INPUT-ONLY-2-WAY-BF

ADDITIONAL ACCESSORIES

PART NO.	DESCRIPTION	PRODUCT CODE
025153	Blank Endcap for shortening luminaire	VEX-FLEXI-GRAZE-3D-MAX-ACCESSORY-GLUE-ENDCAP-SET-BLANK-SINGLE
024968	Metal surface fixing clip ¹	VEX-FLEXI-GRAZE-3D-MAX-ACCESSORY-SURFACE-MOUNT-CLIP
024969	Rigid anodised aluminium channel (1m) ²	VEX-FLEXI-GRAZE-3D-MAX-ACCESSORY-RIGID-CHANNEL-1000mm
024970	Adjustable mounting bracket*	VEX-FLEXI-GRAZE-3D-MAX-ACCESSORY-ADJUSTABLE-BRACKET

* To properly mount the luminaire, these accessories require either a ¹Surface Mount Clip or a ²Rigid Channel.

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks

UK
CA

CE

UL

LISTED

Environmental Suitability

Recyclable

Not Recyclable

Reliability

Quality Assurance

All products are carefully selected and tested by Vexica so that you can be assured of their quality, function and reliability.

Warranty & Terms

Terms & Conditions

Warranty Registration

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

Notes