

FLEXI-GRAZE 3D

VEXICA

A Dual Axis Flexible Luminaire with Integrated TIR Optics

Available in a Choice of CCTs

23mm x 18mm | 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 CCTs are available at 2700K, 3000K & 4000K with CRI 90 as standard.

Superior Flexible Technology

Unique construction allows for dual axis '3D' bending to fit the most complex profiles. 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 15° narrow beam to 60° wide beam.

Choose Your Length

Available in 5m reels for on-site cutting and preparation as standard.

Compliance

UKCA, CE, UL, IP67

5-Year Warranty

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

LIGHT OUTPUT INFORMATION

Efficacy (lm/W)

		Static White		
Fixture Type	Power Output	2700K	3000K	4000K
Flexi-Graze 3D	18 W/m	92	97	102

Luminaire Lumen Output (lm/m)

		Static White		
Fixture Type	Power Output	2700K	3000K	4000K
Flexi-Graze 3D	18 W/m	1650	1745	1835

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

Outputs may vary with optic selection.

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.

ELECTRICAL INFORMATION

Power Options	18W/m
Input Voltage	24 VDC (23V Min, 25V Max)
Dimmable	Yes
Connection Type	300mm IP Connector or Flying Lead (Input/Output or Input Only)
Cable Entry/Exit	End Feed Entry/Exit
	Bottom Feed Entry/Exit
LED Binning	3 SDCM (White Only)
No. of LEDs	24 per meter
Maximum Chain Length	5m

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
IK Rating	IK07
Weight	0.416 kg/m

LED CCT/COLOUR OPTIONS

STATIC WHITE

2700K, 3000K, 4000K



LENGTH (L) OPTIONS

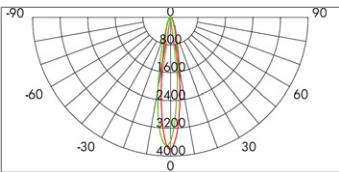
Product	LED Colour	Reel Length (mm)	Cutting Increments (mm)
Flexi-Graze 3D	Static White	5000	250

NOTE

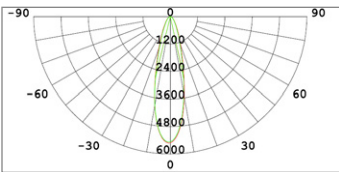
Luminaires are supplied as complete 'bare reels' only to be cut to final installation length on site. Separate end caps are required to terminate and waterproof the luminaire for operation. When installed as directed, the glued end caps will add 4mm to the cut length of the luminaire.

BEAMSHAPE

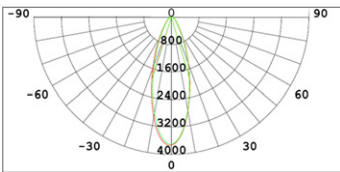
15° Optic



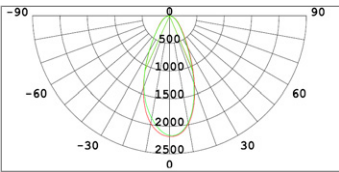
25° Optic



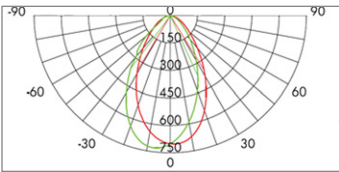
30° Optic



45° Optic



60° Optic



MOUNTING ACCESSORIES

SURFACE MOUNT CLIP¹

Stainless Steel



ORDER CODE: 024973

RETAINER CLIP

Clear Plastic



ORDER CODE: 024974

ADJUSTABLE BRACKET*

Mixed Materials



ORDER CODE: 024977

GROUND SPIKE*

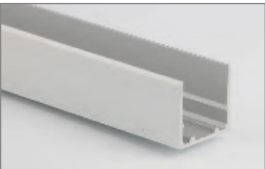
Mixed Materials



ORDER CODE: 024978

RIGID CHANNEL²

Anodised Aluminium



ORDER CODE: 024975

FLEXIBLE CHANNEL

Stainless Steel



ORDER CODE: 024976

PILLAR MOUNT

Mixed Materials

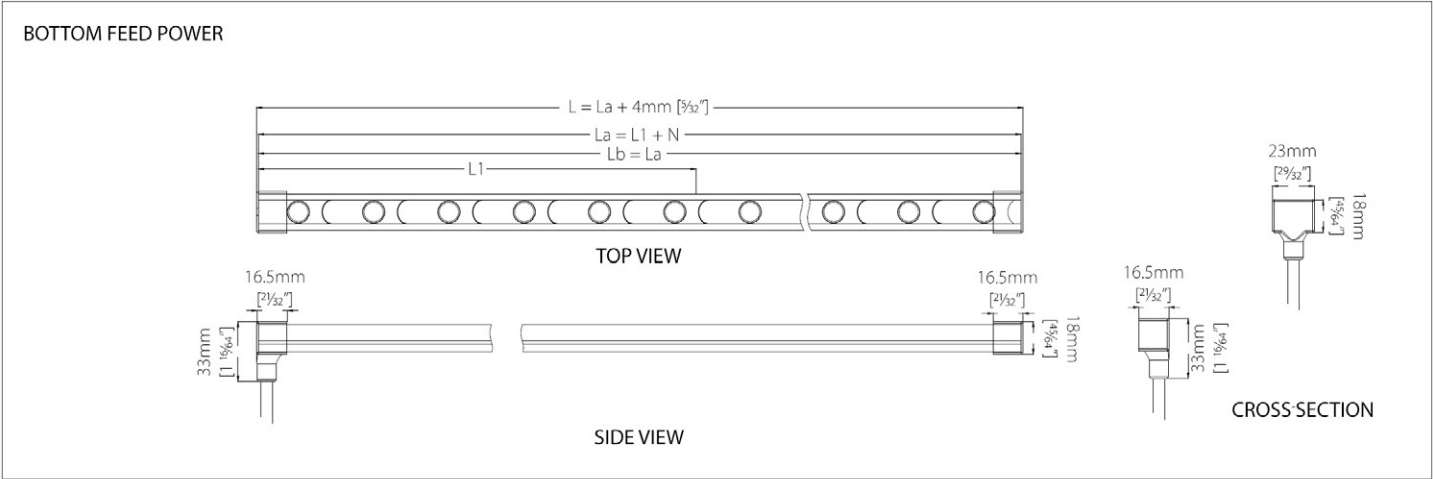
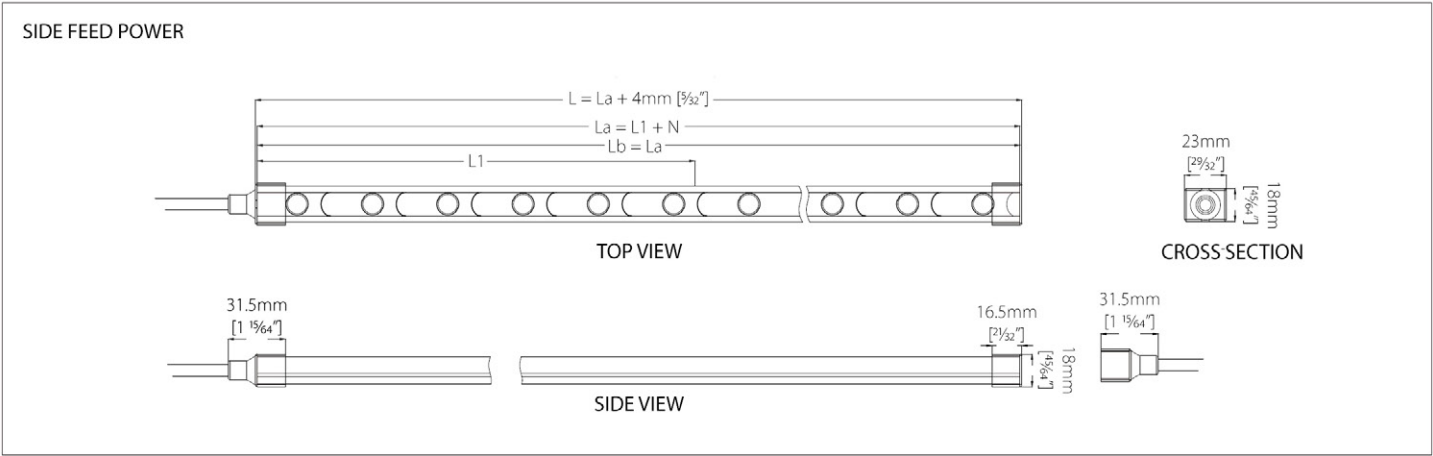


ORDER CODE: 024979

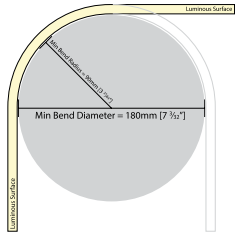
* To properly mount the luminaire, these accessories require either a ¹Surface Mount Clip or a ²Rigid Channel. The Adjustable Bracket can in turn be mounted on the Ground Spike for maximum flexibility.

PRODUCT DIMENSIONS

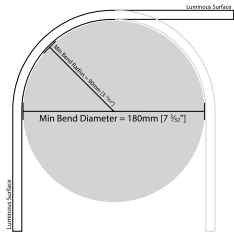
L	= Total Length	L1	= Length Increment
La	= LED Strip Length	N	= Integer Number
Lb	= Luminous Surface Length		



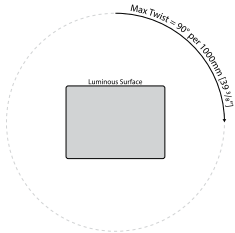
Minimum Side Bend



Minimum Top Bend



Maximum Twist



FIXTURE ORDERING

Project Name

1) FIXTURE & OUTPUT TYPE

PRODUCT	CCT/LED COLOUR	
VEX-FLEXI-GRAZE-3D		
Flexi-Graze 3D is a Dual Axis '3D' Bending, Flexible Silicone, Exterior-Grade, Linear LED Luminaire with Grazing Optics. (23mm x 18mm)	2700K 3000K 4000K	Static White (2700K) Static White (3000K) Static White (4000K)

2) LUMINAIRE LENGTH, POWER & IP RATING

LENGTH	POWER OPTION	IP RATING
5000mm	18W	IP67
5000mm 5000mm Reel	18W 18W/m	IP67 Water & Dust Proof Suitable for outdoor use

3) BEAM ANGLE & END TYPE

BEAM ANGLE	END TYPE
	BARE-REEL
15 15° Optic, Circular 25 25° Optic, Circular 30 30° Optic, Circular 45 45° Optic, Circular 60 60° Optic, Circular	BARE-REEL Open Ends, No Cables (Requires Further Endcap Accessories - See P7)

PRODUCT CODE:

EXAMPLE: VEX - FLEXI - GRAZE- 3D - 2700K - 5000mm - 18W - IP67 - 25 - BARE - REEL

END CAP ACCESSORIES (For On-Site End Preparation)

To ensure correct operation and maintain IP rating, bare reel (site-cut) luminaires must be terminated using one of the end cap kits below.

Kits must be applied following the procedure in the Flexi-Graze 3D 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-ACCESSORY	
VEX-FLEXI-GRAZE-3D-ACCESSORY	Accessory for Flexi-Graze 3D

CONNECTION TYPE

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

CABLE WAYS

2-WAY	
2-WAY	Static White (2-Way Cable)

FEED TYPE

EF BF	End Entry End Cap & Glue Bottom Entry End Cap & Glue

ACCESSORY CODE:

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

MOUNTING ACCESSORIES

PART NO.	DESCRIPTION	PRODUCT CODE
024973	Metal surface fixing clip ¹	VEX-FLEXI-GRAZE-3D-ACCESSORY-SURFACE-MOUNT-CLIP
024974	Plastic retaining clip	VEX-FLEXI-GRAZE-3D-ACCESSORY-RETAINER-CLIP
024975	Rigid anodised aluminium channel (1m) ²	VEX-FLEXI-GRAZE-3D-ACCESSORY-RIGID-CHANNEL-1000mm
024976	Flexible channel (1m)	VEX-FLEXI-GRAZE-3D-ACCESSORY-3D-BEND-FLEXIBLE-CHANNEL-1000mm
024977	Adjustable mounting bracket*	VEX-FLEXI-GRAZE-3D-ACCESSORY-ADJUSTABLE-BRACKET
024978	Ground Spike*	VEX-FLEXI-GRAZE-3D-ACCESSORY-GROUND-SPIKE
024979	Pillar Mount	VEX-FLEXI-GRAZE-3D-ACCESSORY-PILLAR-MOUNT

* To properly mount the luminaire, these accessories require either a ¹Surface Mount Clip or a ²Rigid Channel.
The Adjustable Bracket can in turn be mounted on the Ground Spike for maximum flexibility.

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks



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



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