

FLEXI-GRAZE



Flexible Top Bending LED Luminaire with Grazing Optics
Outdoor & Indoor Use



Remote Driver

Features & Benefits

Flexible Micro Wall Grazing

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

Broad Range of Colour Options

Static White CCTs of 2700K, 3000K, 4000K and 6500K, available with CRI 90 as standard.

Resin Encapsulation Technology

Luminaires encapsulated in TPU 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 5m with one driver powering up to 5m of lumination

Customisable

Speak to your Vexica representative about any specific requests you have for your project

Compliance

UKCA, CE, RoHS, IP67

5-Year Warranty

Standard 5-year warranty, L70 (Static White) @ ~70,000 hours.



LIGHT OUTPUT INFORMATION

Efficacy (lm/W)

Fixture Type	Power Output	Optic Type ¹	2700K	3000K	4000K	6500K
Flexi-Graze	18 W/m	TIR	103	106	112	112

Nominal Lumen Output (lm/m)

Fixture Type	Power Output	Optic Type ¹	2700K	3000K	4000K	6500K
Flexi-Graze	18 W/m	TIR	1854	1915	2016	2016

The values above are specified at CRI = 90

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

ELECTRICAL INFORMATION

Power Options	18W/m
Input Voltage	24 VDC (23V Min, 25V Max)
Dimmable	Yes
Connection Type	Multipole Connector
Cable Entry/Exit	End (Input Only Option Available on Request)
LED Binning	SDCM 3
Maximum Chain Length	5000mm

PHYSICAL & ENVIRONMENTAL INFORMATION

Housing Colour



White

Finish	Body Flexible Polyurethane Resin
	Lens Acrylic (PMMA)
Ambient Operating Temperature	-25°C to +55°C
Ambient Storage Temperature	-40°C to +55°C
IP Rating	IP67
IK Rating	IK03
Weight	0.5 kg/m

¹ Lumen output values for TIR optic models vary slightly depending on beam angle selected

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.

LED CCT/COLOUR OPTIONS

STATIC WHITE

2700K, 3000K, 4000K, 6500K



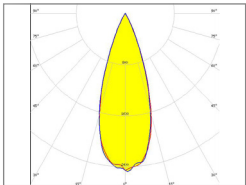
LENGTH (L) OPTIONS*

Product	LED Colour	Minimum Length (mm)	Maximum Length (mm)	Length Increments (mm)	Length Options (mm)
Flexi-Graze	2700K 3000K 4000K 6500K	125	5000	125mm	125, 250, 375, 500, 625, 750, 875, 1000, 1125, 1250, 1375, 1500, 1625, 1750, 1875, 2000, 2125, 2250, 2375, 2500, 2625, 2750, 2875, 3000, 3125, 3250, 3375, 3500, 3625, 3750, 3875, 4000, 4125, 4250, 4375, 4500, 4625, 4750, 4875, 5000

BEAMSHAPE SELECTION

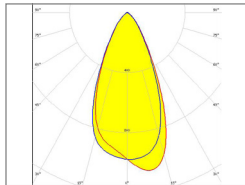
SYMMETRIC 30

Symmetric 30°



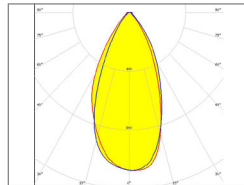
SYMMETRIC 45

Symmetric 45°



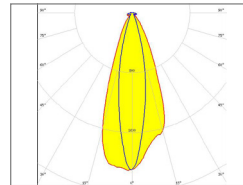
SYMMETRIC 60

Symmetric 60°



ASYMMETRIC

Asymmetric 20° by 45°



MOUNTING OPTION

FLUSH MOUNT CLIP

Stainless Steel



ORDER CODE: 014180

ADJUSTABLE BRACKET

Stainless Steel



ORDER CODE: 014480

RIDGID PROFILE

Aluminium



ORDER CODE: 014878

RETAINING CLIP

Silicone



ORDER CODE: 014482

3M MOUNTING TAPE

Adhesive Tape



ORDER CODE: 009322

CONNECTION OPTION

INPUT/TERMINATOR CABLE

2-Way 20AWG, 300mm



ORDER CODE: 014179

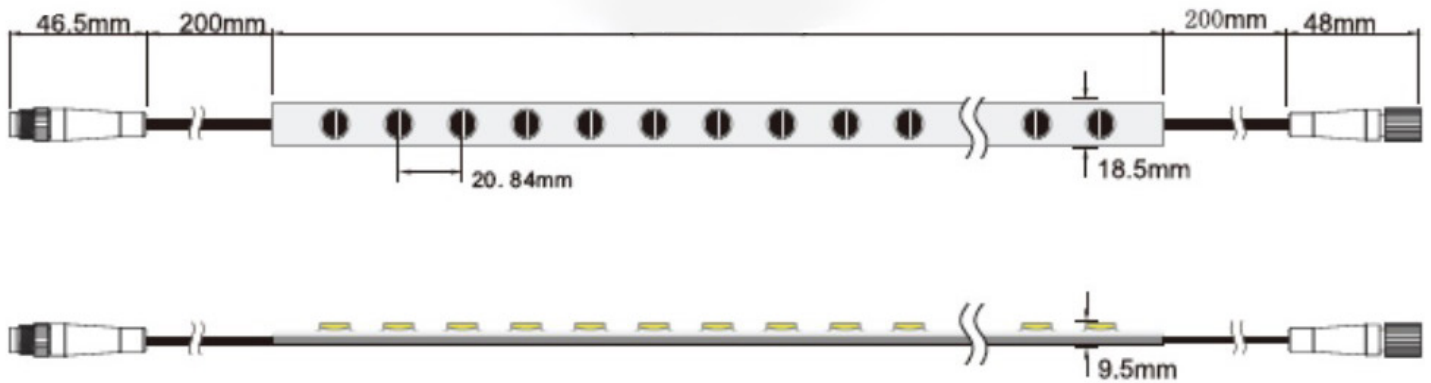
T-SHAPE CONNECTING CABLE

2-Way 20AWG, 200mm



ORDER CODE: 014483

PRODUCT DIMENSIONS



Maximum Bend Radius Vertical = 75mm

Available as standard in 1m and 5m lengths that can then be cut at 125mm intervals to the desired length.

After cutting, the revealed bare ends must be correctly sealed to maintain IP Rating.

For large projects, custom prepared lengths are possible, please contact your Vexica representative to discuss.

FIXTURE ORDERING

Project Name

1) FIXTURE & OUTPUT TYPE

PRODUCT	CCT/LED Colour	
VEX-FLEXI-GRAZE		
Flexi-Graze is a Flexible Polyurethane, Exterior-Grade LED Luminaire with Wall Grazing Optics.	2700K	2700K
	3000K	3000K
	4000K	4000K
	6500K	6500K

2) LUMINAIRE LENGTH (Select For Chosen Type)

X

Specify Xmm
125mm Intervals
Minimum = 125mm
Maximum = 5000mm

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

POWER OPTION	IP RATING	BEAM ANGLE
18W	IP67	
18W 18W/m	IP67 Water & Dust Proof Suitable for outdoor use	30 Symmetric 30° 45 Symmetric 45° 60 Symmetric 60° 45x20 Asymmetric 45° by 20°

PRODUCT CODE:

EXAMPLE: VEX - FLEXI - GRAZE - 2700K - 1000 - 18W - IP67 - 45

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks



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

