

INSTALLATION GUIDE FOR VEX-FLEXI-GRAZE-3D-MAX



Please ensure you have read the following instructions thoroughly and can undertake the required actions before commencing installation.

If you have any queries, please consult the Vexica Technical Support Department before proceeding.

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Scope

This manual will detail the wiring connection of a VEX-FLEXI-GRAZE-3D-MAX luminaire.

Revision History

Rev	Date	Comment	Author
A	04/11/2025	Document created	LG
B			
C			

Approved By

Person	Date	Signature

Please read these instructions carefully before installation and make sure you fully understand them. Pay attention to how the luminaire is wired. If you require any further guidance, please contact Vexica.

Do not install when the luminaire is powered on.

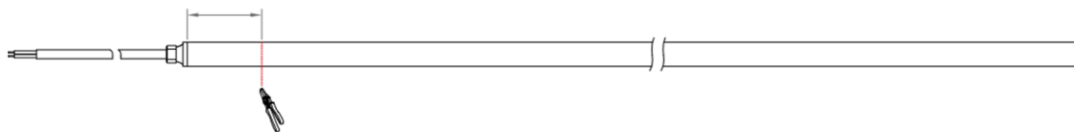
Cutting

NOTES

- 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.
- DISCONNECT FROM POWER BEFORE CUTTING
- END CAP(S) MUST BE INSTALLED TO RETAIN WARRANTY

PROCESS

1. Refer to datasheet for cut increments
2. Use sharp cutters cut straight 90° cut at required increment



End cap installation

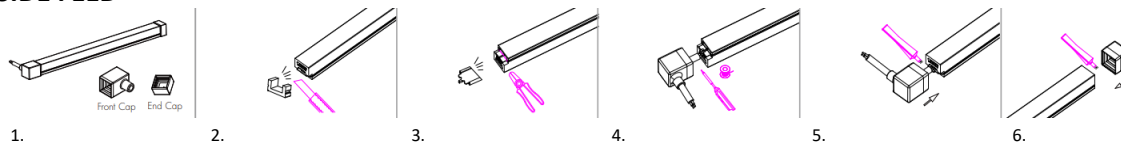
NOTES

- 'Input only' luminaire shown, if using connectors at both ends, perform steps 2-5 for both ends omitting step 6.

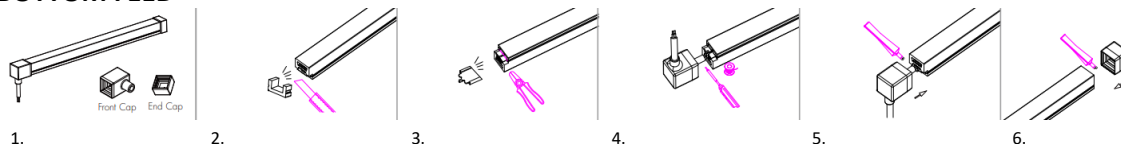
PROCESS

1. Establish feed end & orientation
2. Use a sharp blade, remove ~3mm of jacket from luminaire underside
3. Use sharp cutters, cut off section of plastic to expose solder pads on PCB underside
4. Solder cable to pads as per markings
5. Fill entire cap with silicone glue and press onto luminaire
6. For blanking plugs: perform step 5 ONLY

SIDE FEED



BOTTOM FEED

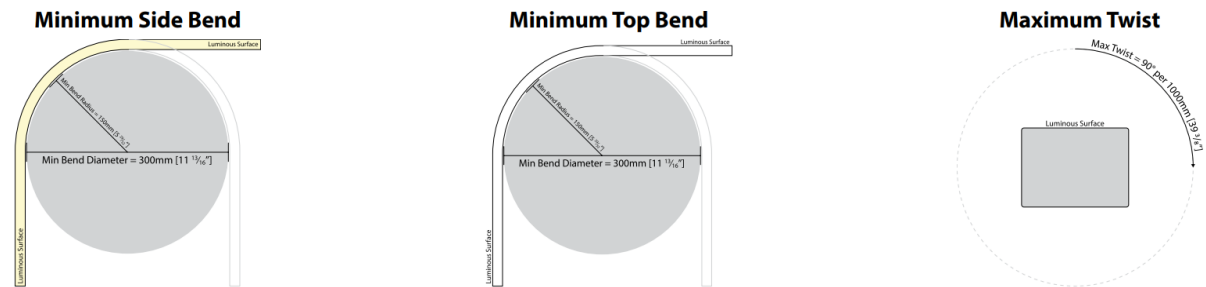


Installation & Accessories

NOTES

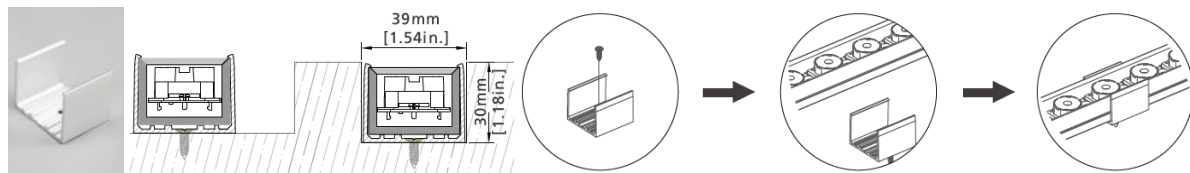
- 2 people or more should install lengths >1.2m
- Do not allow lengths >0.6m to become unsupported during installation

Bending / Twisting limitations

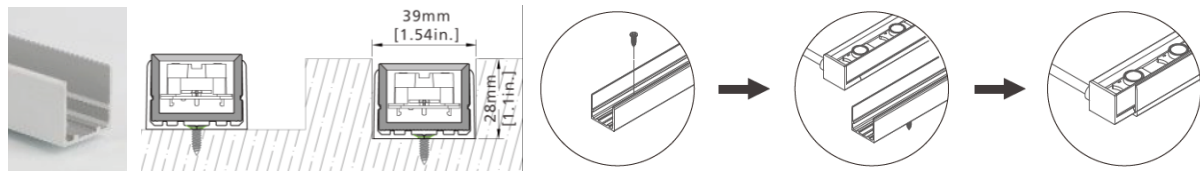


Mounting Accessories

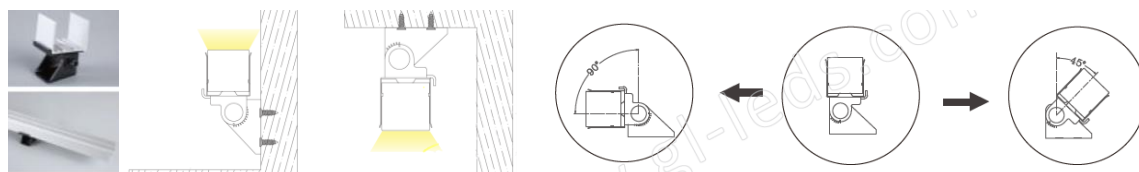
SURFACE MOUNTING CLIP



RIGID CHANNEL



ADJUSTABLE CLIP



Wiring information

Securely mount PSU/LED driver and connect starter cable following the colour coding:

Refer to datasheet for maximum daisy chain length.

SINGLE COLOUR

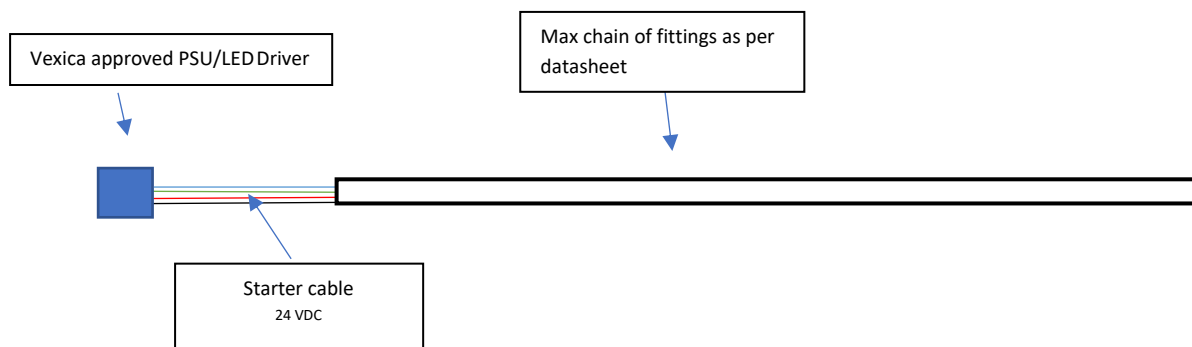
RED	+24VDC
BLACK	GND

RGBW

RED	RED GND
GREEN	GREEN GND
BLUE	BLUE GND
WHITE	WHITE GND
BLACK	+24VDC

RGBW-DYN

RED	+24VDC
BLACK	GND
WHITE	DATA IN



Extension cable CSA and length should be calculated to ensure the voltage to the luminaire does not drop below that specified in the datasheet. The installer must use appropriate IP rated connectors for any extensions to retain warranty.

DO NOT REVERSE POLARITY

DO NOT EXCEED THE MAXIMUM RUN LENGTH

Extending Cables

Input wires may be wired directly to PSU or extended via connectors/junction boxes (not supplied)

BEFORE WIRING, ENSURE THERE IS NO POWER TO THE PSU. NEVER 'HOT PLUG' LEDS

EXTENSION WIRES TO THE PSU MUST BE OF APPROPRIATE GAUGE/CSA TO ENSURE VOLTAGE DROP DOES NOT RESULT IN OPERATING THE LUMINAIRE OUTSIDE OF THE SPECIFIED VOLTAGE RANGE

See datasheet for voltage specification

Cautions

- Always handle luminaires with care, ensuring any input, output or connecting cables are not subjected to undue force which may result in irreparable damage.
- Please take note of luminaire and driver ingress protection rating when deciding location
- Make sure all connections made are tight with no loose strands and with appropriate IP rating.
- Do not hot plug or reverse polarity.
- Always allow sufficient slack on the supply cable to remove luminaire from its position for any further maintenance
- Make sure supply cable is not in contact with any sharp objects do not leave cable or any connector exposed to rain/moisture for any period.
- All images are representative and may not be of the actual product supplied depending on options specified when ordering.
- Avoid staring directly into the light beam.
- The product should be installed by a certified electrician and following local regulations.
- Take extreme care when working with mains voltages.
- There are no user-serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty.
- During operation, the housing may become hot, avoid touching the unit with bare hands while in use.
- Do not allow the product to operate in ambient temperatures above the maximum ambient stated on the datasheet; doing so will void any warranty.
- Do not use aggressive cleaning agents! Warranty will not cover any chemical damage.