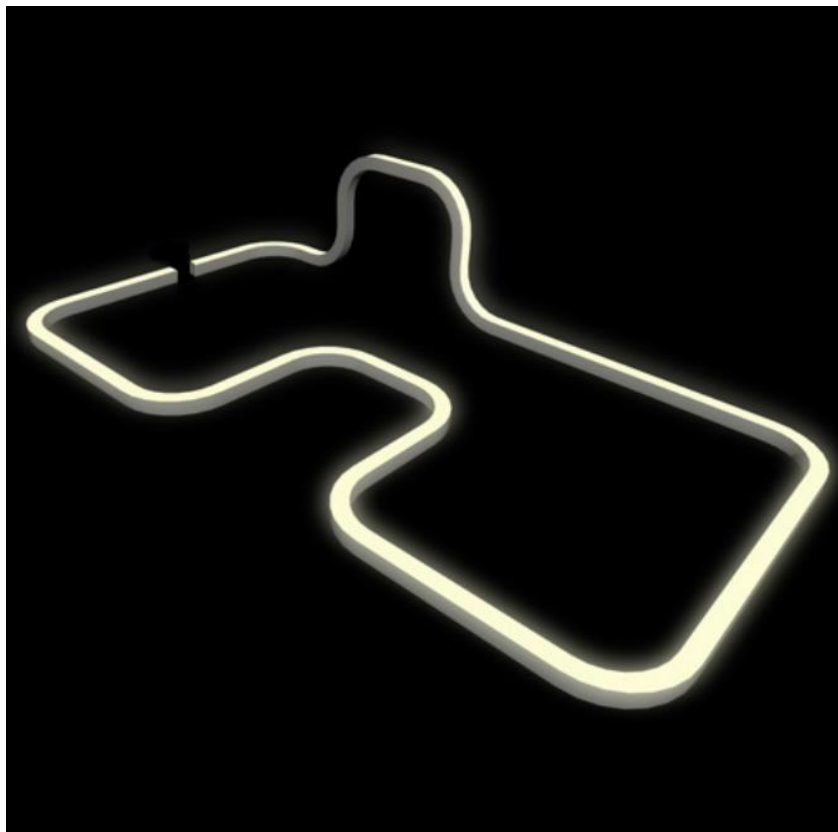


INSTALLATION GUIDE FOR VEX-FLEXI-LINE-3D



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 our Technical Support Department before proceeding.



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Scope

This manual will detail the installation of the VEX-FLEXI-LINE-3D

Revision History

Rev	Date	Comment	Author
0	04/10/2024	PRELIMINARY RELEASE	LG
A	27/01/2025	First Release	LG

Approved By

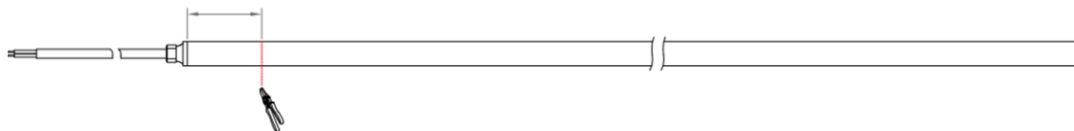
Person	Date	Signature

Cutting

DISCONNECT FROM POWER BEFORE CUTTING

END CAP(S) MUST BE INSTALLED TO RETAIN WARRANTY

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



End cap installation

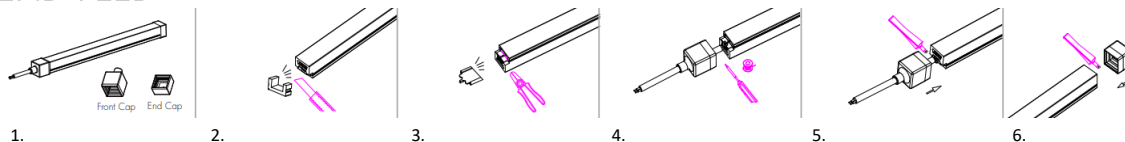
NOTES

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

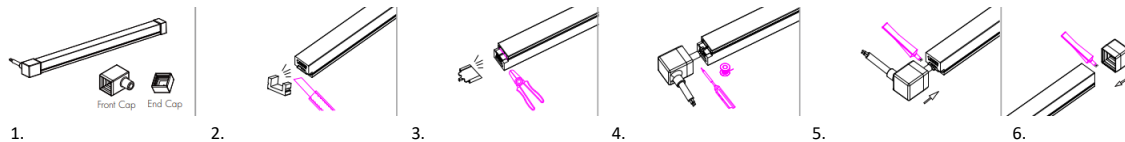
PROCESS

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

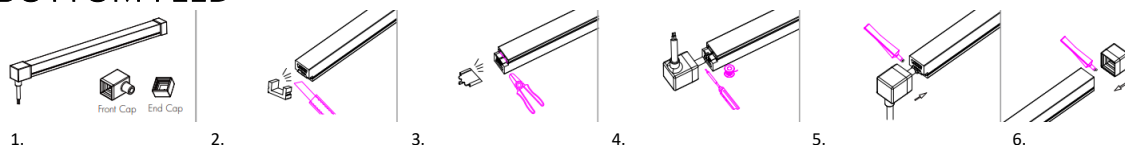
END FEED



SIDE FEED



BOTTOM FEED



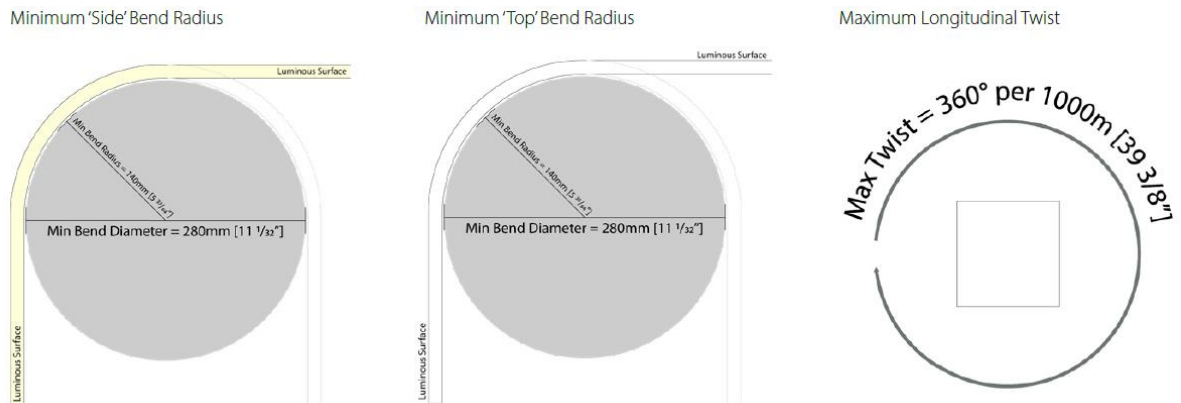
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INSTALLATION + ACCESSORIES

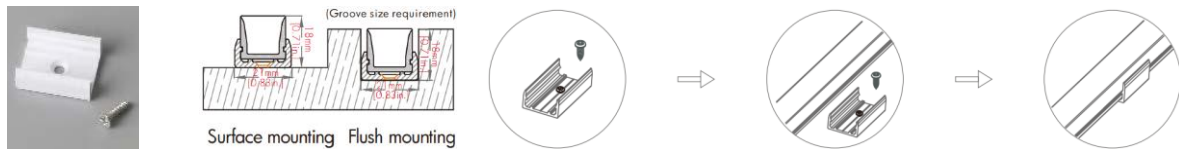
NOTES

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

BENDING / TWISTING LIMITATIONS



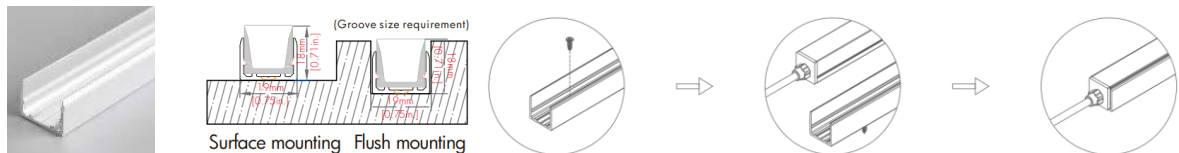
SURFACE MOUNTING CLIP



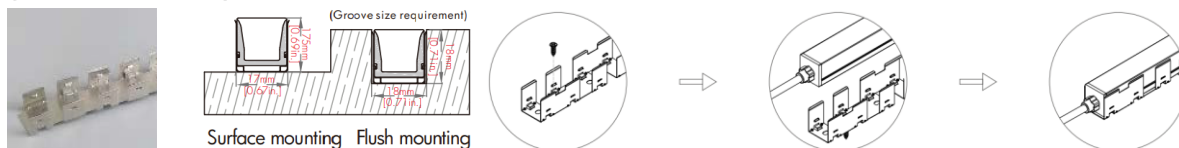
RETAINER CLIP



RIGID CHANNEL



3D FLEXIBLE CHANNEL



Wiring Information

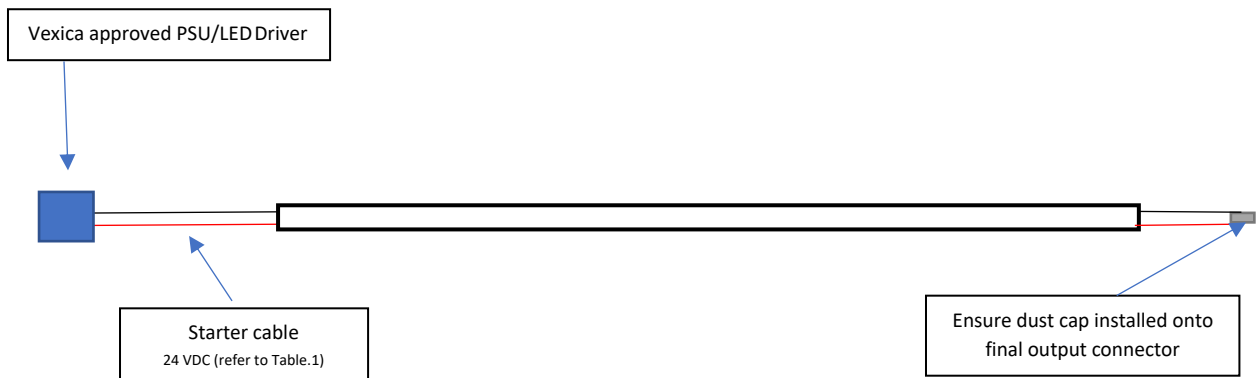
Securely mount PSU/LED driver and connect starter cable following the colour coding:

Refer to datasheet for maximum daisy chain length.

Single Colour

Red	+24 VDC
Black	GND

Table 1



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

Electrical Warnings:**WARNING!**

Risk of electrical shock. Disconnect power before servicing or installation

ONLY USE VEXICA APPROVED DRIVER

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 beyond specified in this instruction. Do not attempt any repairs yourself, doing so will void 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.