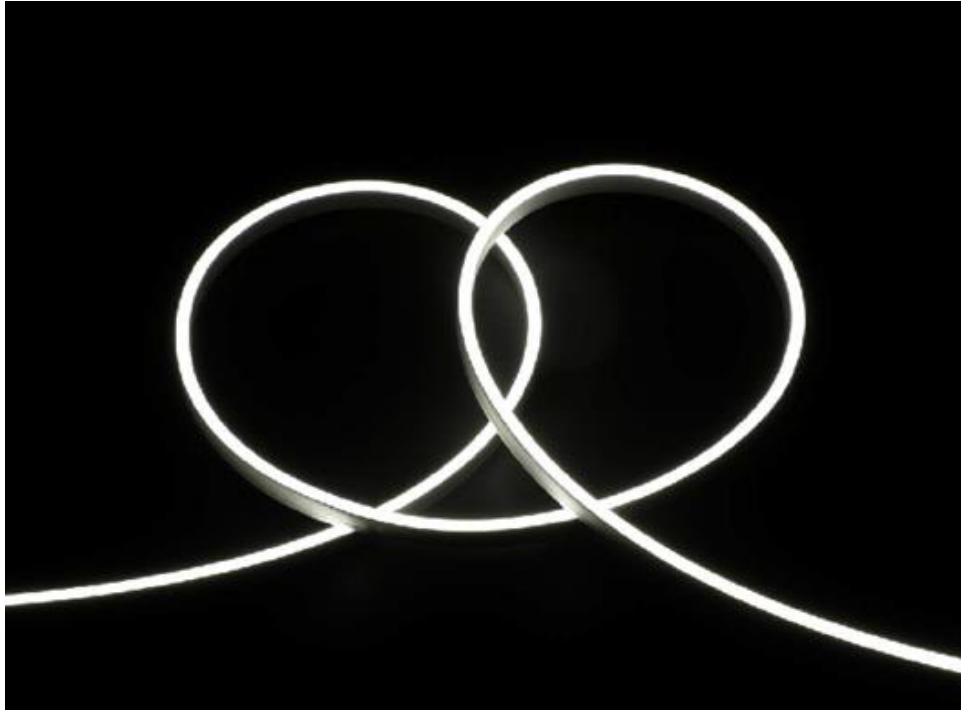


INSTALLATION GUIDE FOR VEX-FLEXI-NANO-LINE



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 installation of a VEX-FLEXI-NANO-LINE luminaire.

Revision History

Rev	Date	Comment	Author
A	19/08/2024	Document created	MA
B	07/04/2025	Minor adjustments	LG

Approved By

Person	Date	Signature

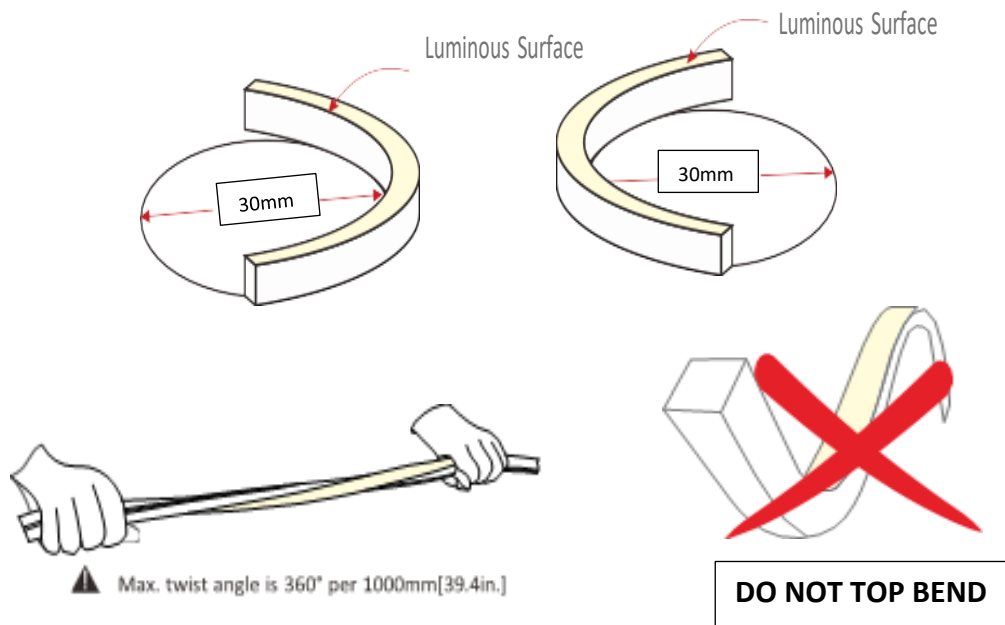
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Installation

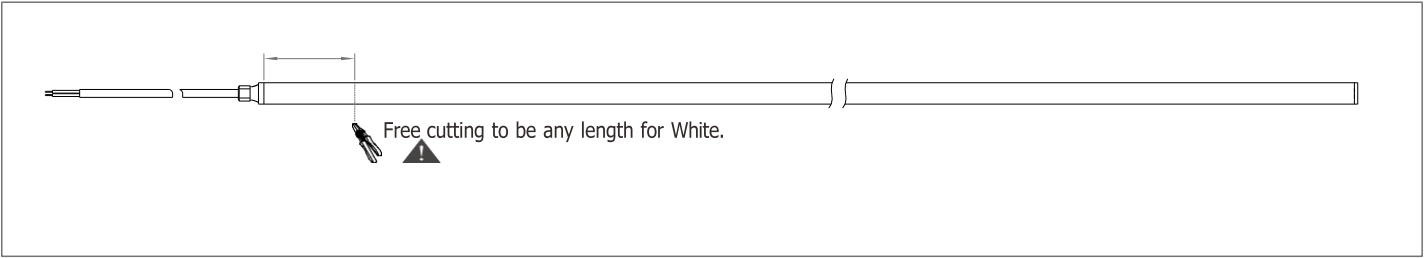
Please read these instructions carefully before installation and make sure you fully understand them. Pay attention to how the luminaire is wired. If you require any further guidance, please contact Vexica.

Do not install when the luminaire is powered on.

- Avoid scrapes, twists and irregular bending during installation.
- Minimum bending diameter definition is 30mm, too small bending diameter will break the luminaire.
- Minimum twist degree is 360° per 1000mm.
- Bend and twist diagram show below.



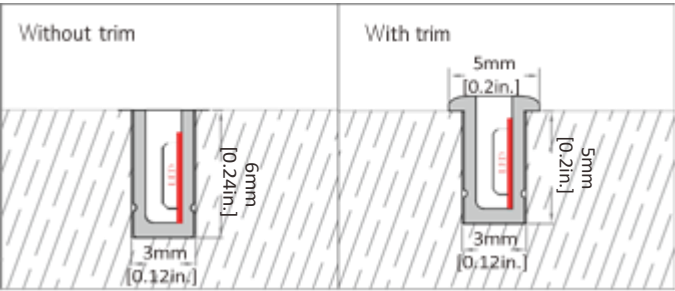
Cutting



End preparation

Cut off some parts of bottom silicone jacket in 3mm [0.12in.] length carefully, until these bottom solder pads on PCB are exposed.	Solder the power cable to the bottom solder pads on PCB.	Apply silicone to the exposed area and exposed end with silicone and allow to dry.	Pull the transparent heat shrink provided over the cable and luminaire. Apply heat to tightly shrink the sleeve.	At ends to be blanked off, apply silicone to seal the end, then allow to dry.

Flush mounting in the groove by gluing process or by pressing without glue.



Wiring Instructions



WARNING! Risk of electrical shock. Disconnect power before servicing or installation.

ONLY USE VEXICA APPROVED DRIVER

- 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 rated connectors and terminators if applicable.
- Do not reverse polarity.
- Always allow enough 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.

<u>Power/m version</u>	<u>Max Chain Length</u>
9W	4.8m

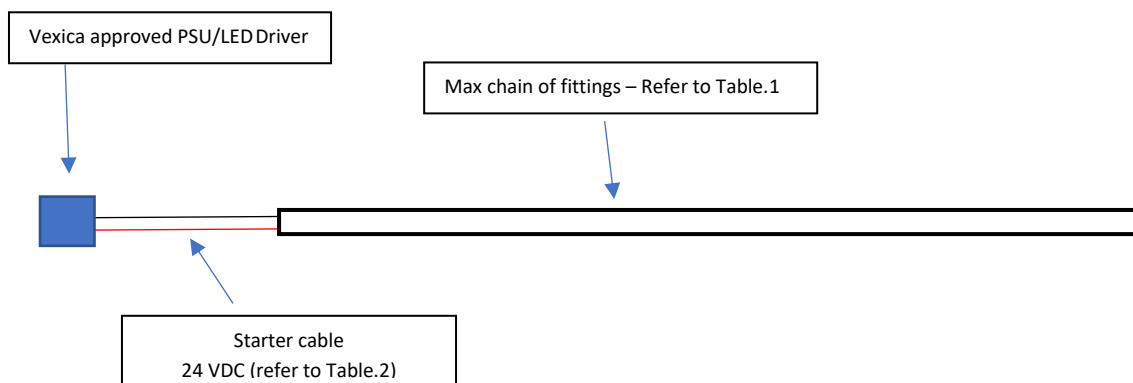
Table 1

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

Single Colour

RED	+24 VDC
WHITE	GND

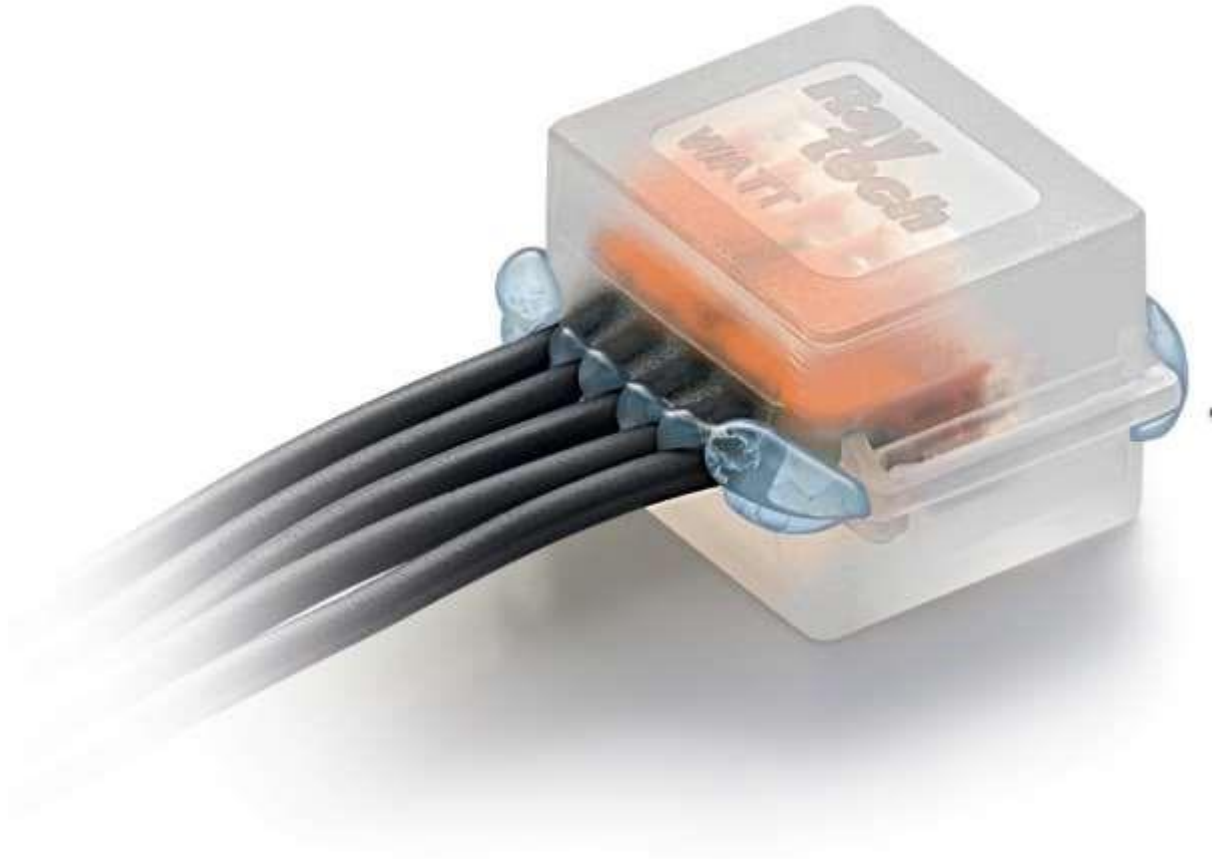
Table 2



Extending Vexica Standard Input Cables

When extending cables or making any connections on site always ensure the connection has an appropriate IP rating.

Vexica recommends the starter cables are linked to extensions cables with gel boxes. When using extending sheathed cables ensure that the outer sheath is encased in the gel box to retain the IP rating.



For more details visit: <http://www.raytech.it/catalogo/en/gel-box-line.pdf>

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.