

## Precautions

### Installation Notes

- ▶ Install in accordance with the IEE wiring regulations and building regulations.
- ▶ This product must be installed by a suitably competent person.

### IMPORTANT

- ▶ Please read these instructions before commencing any work.
- ▶ Please retain these instructions for future reference.
- ▶ Please refer to product listing for detailed information.
- ▶ Remove all packaging before connecting to power supply.

### Electrical

- ▶ Do not connect directly to mains electrical supply.
- ▶ Switch the power off at the mains supply before installing or maintaining this fitting.
- ▶ Ensure others cannot restore the electrical power supply without your knowledge.
- ▶ Ensure the product is in good working condition. If there is visible damage do not use.
- ▶ This product must be used with a good quality constant voltage LED driver. Ensure that the voltage output of the driver matches rated voltage of the LED flex.
- ▶ Connect the LED flex with correct polarity. Refer to the 'wiring' section for help.
- ▶ Ensure that the power capacity of the LED driver is greater than the total load of all the LED flex connected to it.
- ▶ The LED flex and cable should be protected by a fuse or equivalent device installed between the driver and LED flex and as close to the driver as possible.
- ▶ Ensure that the current capacity of cable connecting the LED flex to the driver is greater than the maximum drawn by the LED flex and the cut off of any over-current protection (fuse).

### Mechanical

- ▶ Do not use the product if damaged. Do not use with worn or damaged wires or components.
- ▶ The product will generate heat during use. It should be installed in a well ventilated location on a smooth surface. Fully uncoil the LED flex. Do not cover or conceal.
- ▶ The LED flex should be mechanically supported with the recommended mounting accessories.
- ▶ Do not hang under its own weight.
- ▶ Do not twist, pull or stretch the LED flex. Only bend following the bend direction and minimum bend.
- ▶ Protect the LED flex from mechanical damage. Take care not to dislodge any components during installation. Ensure that wires connecting the LED flex cannot be pulled.

### Environmental

- ▶ The product should be used in an environment where the ambient temperature is between 0°C ~ +45°C.
- ▶ The temperature of the LED flex should never exceed 40°C when in operation.
- ▶ Connectors must be assembled correctly in order to obtain a IP65 rating. Not suitable for permanent outdoor installation.
- ▶ Only install in a location free from chemicals, gases and flammable materials.
- ▶ Avoid continuous exposure to UV light.
- ▶ Do not install in locations where it is subject to continuous movement.

### Product Warranty

1. A warranty period is provided for products in normal use. For any faults arising during the period that are confirmed to be quality related by inspection by the company, a product of the same specification will be replaced for free.
2. The warranty does not cover any of the following:
  - ( 1 ) Any product damage due to usage not allowed in the instructions.
  - ( 2 ) Any product damage due to disassembling or wrong operation by the user.
  - ( 3 ) Severe appearance damage or deformation of the product.

## LED Flex

### ▶ Professional 360° Rope

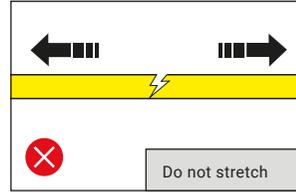
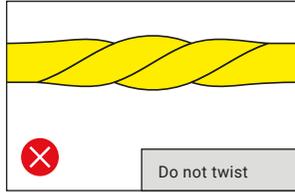
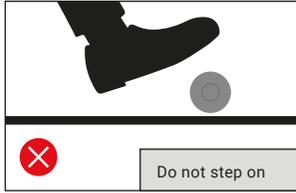
## User Manual

tagra®

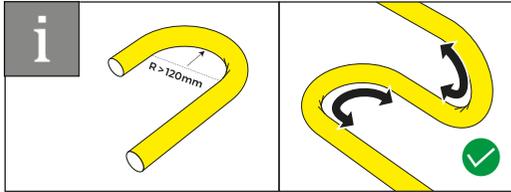


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## Precautions



## Tolerance & Bend



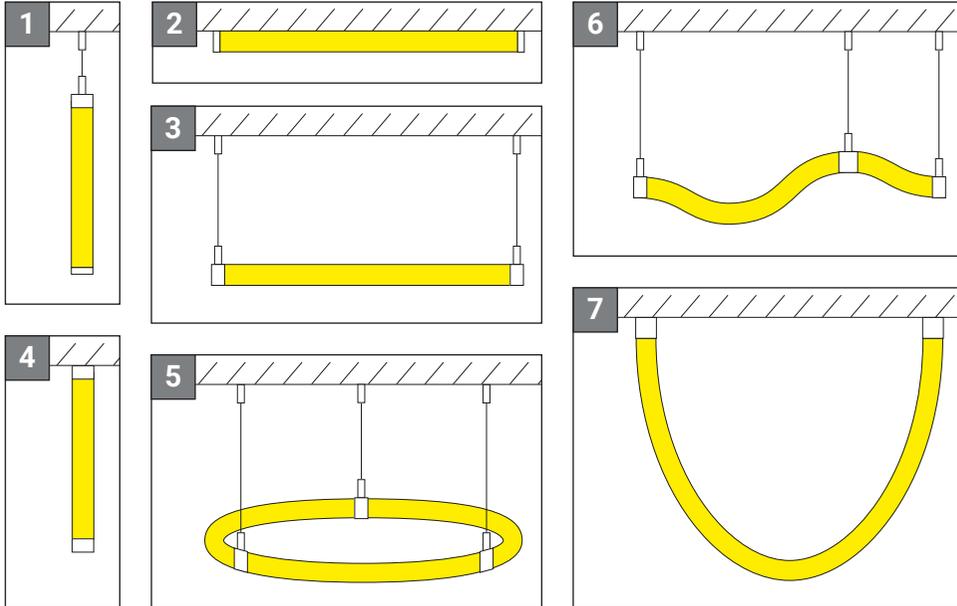
- ▶ Minimum bend radius: 120mm
- ▶ Minimum bend diameter: 240mm
- ▶ Horizontal and vertical bending.

## Cutting

- ▶ This product cannot be cut or joined.

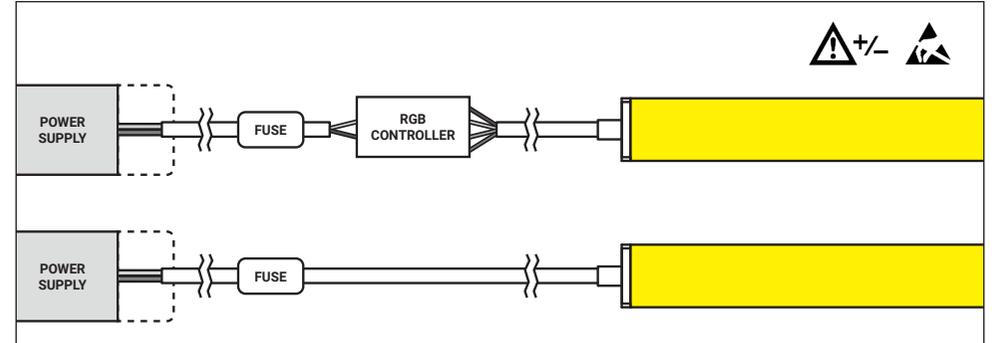
## Mounting / Suspending

- ▶ This product can be mounted and suspended in a variety of ways.
- ▶ For more information on installation methods, visit the product page listing online.
- ▶ For information on installation details, refer to the accessories user manual or online tutorial videos.
- ▶ We recommend installation be carried out by at least 2 people.



Item	Description	SKU
1	Vertical Suspension Installation Kit, with top outlet	NEON36025-VSUSKITSIDE-1M
2	Horizontal Ceiling Surface Mounted Installation Kit	NEON36025-HSURFKIT-1M
3	Horizontal Suspension Installation Kit	NEON36025-HSUSKIT-1M
4	Vertical Ceiling Installation Kit	NEON36025-VSURFKIT-1M
5	Splicer Installation Kit	NEON36025-SPLICERKITSIDE
6	Arbitrary Shape Suspension Installation Kit	NEON36025-ASUSKIT
7	Vertical Dual End Surface Mounted Installation Kit	NEON36025-VSUDUALKIT

## Wiring



**WARNING:** This product must be installed by a suitably competent person. Check polarity (+/-) is correct before turning on. Incorrect polarity can cause damage to products.



Single Colour	
+V	Red
-V	Black

RGB	
+V	Black
-R	Red
-G	Green
-B	Blue

234K	
+V	Black
-WW	Yellow
-CW	White