

PRISM WHITE



DESCRIPTION:

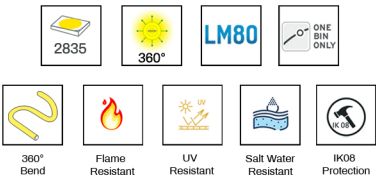
PRISM WHITE Neon Flex is a flexible lighting solution designed to emit uniform, seamless light in a full 360-degree angle. Ideal for decorative, architectural, and signage applications, it combines exceptional flexibility with durability and brilliant all-around illumination. Crafted using high-quality food-grade silicone, this light ensures excellent UV resistance, anti-yellowing, and high-temperature performance. The smooth, dot-free glow and bendable form make it perfect for intricate designs, curves, and creative installations in both indoor and outdoor environments. Control mode : ON/OFF, DALI, Phase cut, 0/1-10V.

TECHNICAL DETAILS:

Power : 16W/M  
Voltage : DC24V  
Efficiency : 70 LM/W  
CRI >90  
Length/Reel : 5M  
Cutting length: 33.3mm  
Led Qty : 360LEDs/M  
Working Temperature : -25~+60  
Storage Temperature : -25~+70  
Voltage Range : 23~25V dc  
Reverse Voltage : 25V dc  
Warranty : 5 years

LUMENS PER METER:

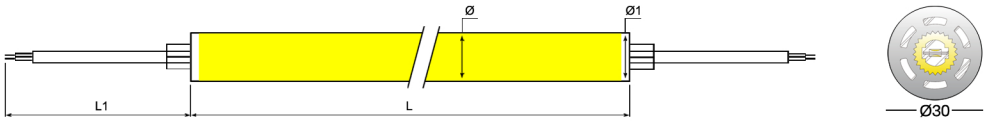
| CCT   | 16W    |
|-------|--------|
| 2700K | 1064lm |
| 3000K | 1120lm |
| 4000K | 1176lm |
| 5000K | 1176lm |
| 5700K | 1187lm |
| 6500K | 1210lm |



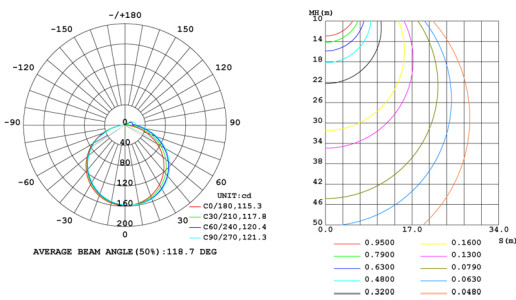
INSTALLATION : 360° Bend

Product Code : 5300030

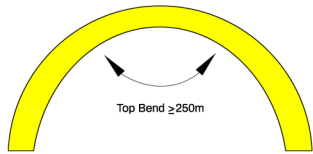
DIMENSION:



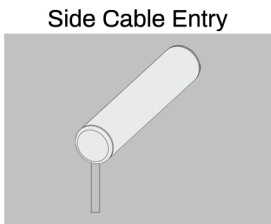
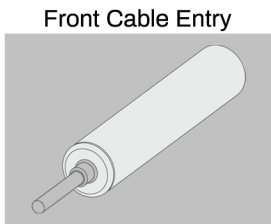
LIGHT DISTRIBUTION:



BENDING:



End cap



Standards

EN 60598-1  
EN 60598-2-2  
EN 60598-3-2

|                         |              |              |
|-------------------------|--------------|--------------|
| Order Code Ex : 5300030 | 16           | 27           |
| Product Code 5300030    | Power 16-16W | CCT 27-2700K |
|                         |              | 30-3000K     |
|                         |              | 40-4000K     |
|                         |              | 50-5000K     |
|                         |              | 57-5700K     |
|                         |              | 65-6500K     |

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at  $\pm 5\%$ . Unless stated otherwise, the values apply to an ambient temperature of 25°C

## ACCESSORIES



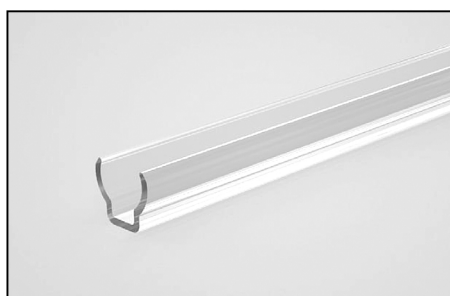
**PC Profile**  
Material: PC  
Color: Transparent  
Size: 30x35x30mm  
Order Code: 5300030-1

Noted: With screws, plastic plugs, hanging rope



**Head Cap**  
Color: Black  
Material: Aluminum Alloy  
Order Code: 5300030-5

Noted: Metal Cable Entry Head Cap



**PC Profile**  
Material: PC  
Color: Transparent  
Size: 30x35x1000mm  
Order Code: 5300030-2

Noted: With screws, plastic plugs, hanging rope



**End Cap**  
Color: Black  
Material: Aluminum Alloy  
Order Code: 5300030-6

Noted: Metal Cable Entry End Cap



**Head Cap**  
Color: White  
Material: Silicone  
Order Code: 5300030-3

Noted: Silicone Cable Entry Head Cap



**Lift Fixtures A**  
Color: Black  
Size: Ø 38x41mm  
Material: Aluminum Alloy  
Order Code: 5300030-7

Noted: With screws, plastic plugs



**End Cap**  
Color: White  
Material: Silicone  
Order Code: 5300030-4

Noted: Silicone Cable Entry End Cap



**Lift Fixtures B**  
Color: Black  
Size: Ø 35x92mm  
Material: Aluminum Alloy  
Order Code: 5300030-8

Noted: With screws, plastic plugs

## ACCESSORIES



Noted: With screws

Connector for Side outlet  
Color: Black  
Noted: With screws  
Material: Aluminum Alloy  
Order Code: 5300030-9



Noted: With screws, plastic plugs

Hanging Rope  
Color: Stainless steel  
Material: Stainless Steel  
Order Code: 5300030-12



Noted: With screws

Connector  
Color: Black  
Noted: With screws  
Material: Aluminum Alloy  
Order Code: 5300030-10



Noted: With screws, plastic plugs

Wall Mounted Rotating  
Color: Black  
Material: Aluminum Alloy  
Order Code: 5300030-13



Noted: With screws, plastic plugs

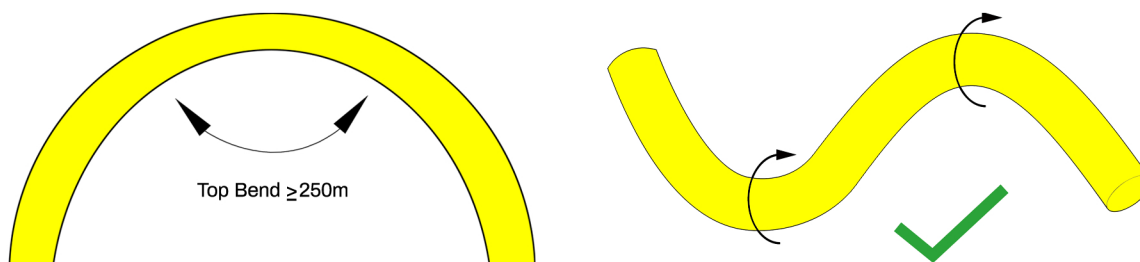
U-shaped Lift Fixtures  
Color: Black  
Material: Aluminum Alloy  
Order Code: 5300030-11



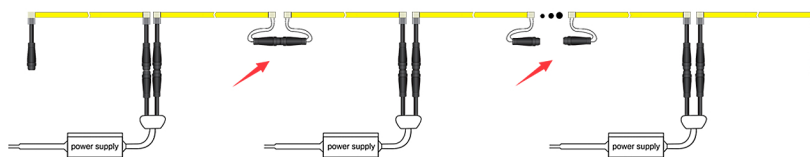
Noted: With screws, plastic plugs

Wall Mounted Rotating  
Color: Black  
Material: Aluminum Alloy  
Order Code: 5300030-14

## ADDITIONAL INFO.



- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of PRISM WHITE 30 is 250mm, do not bend to both direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, repairs made by the purchaser or incorrect voltage conditions.



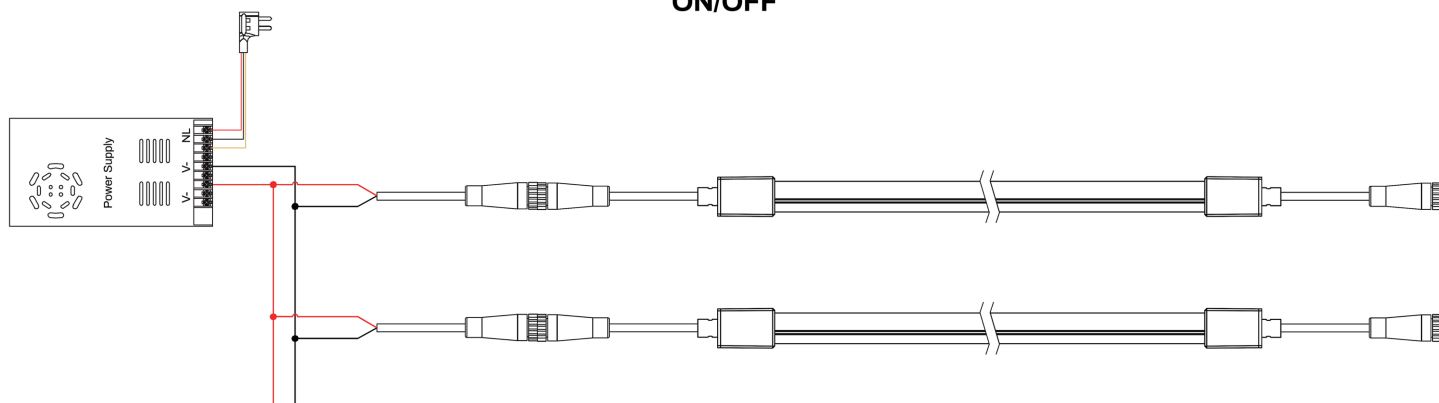
### Note:

-16W/M Max. 7mtr run length to double side feed.

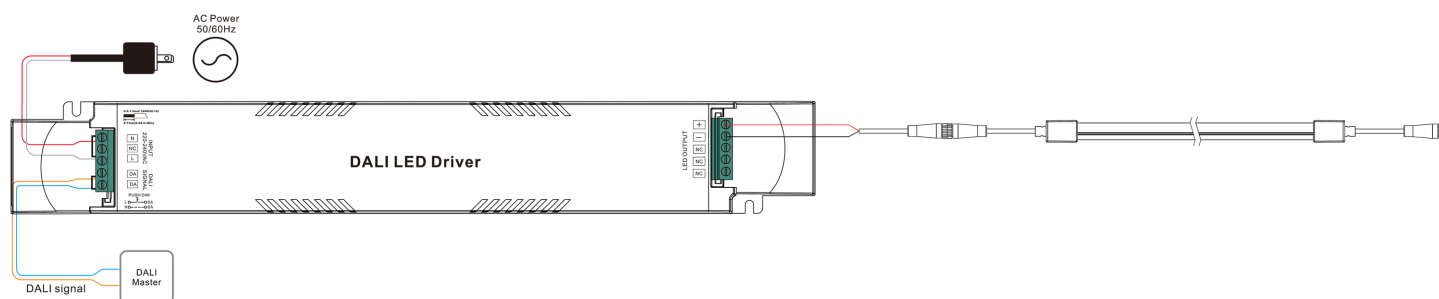
-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 5%.

# WIRING DIAGRAM

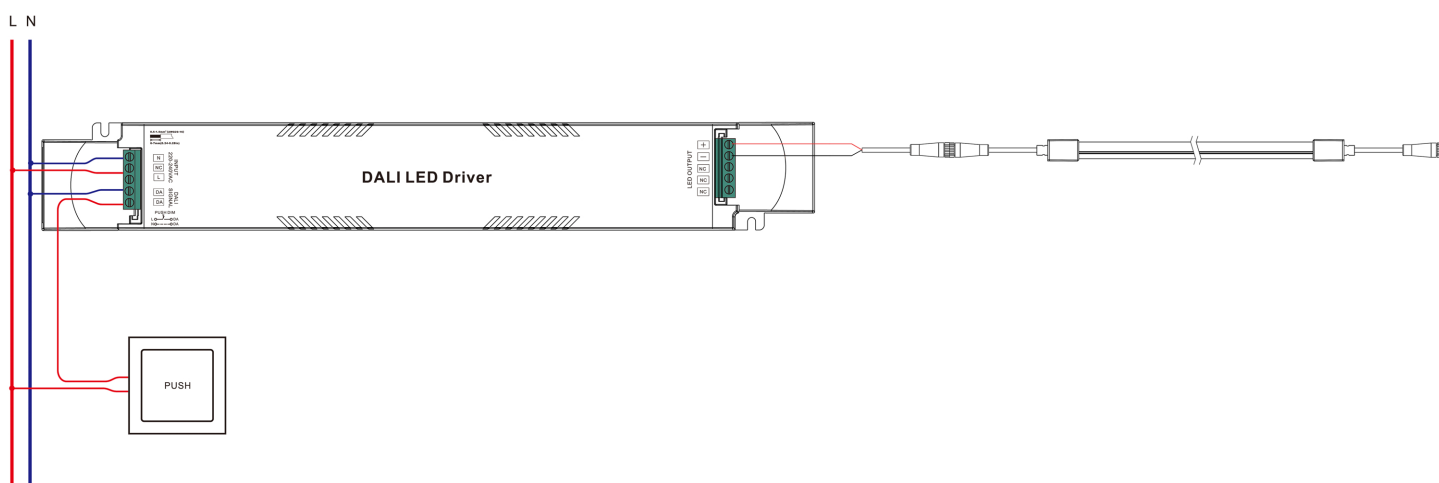
ON/OFF



## 1. DALI

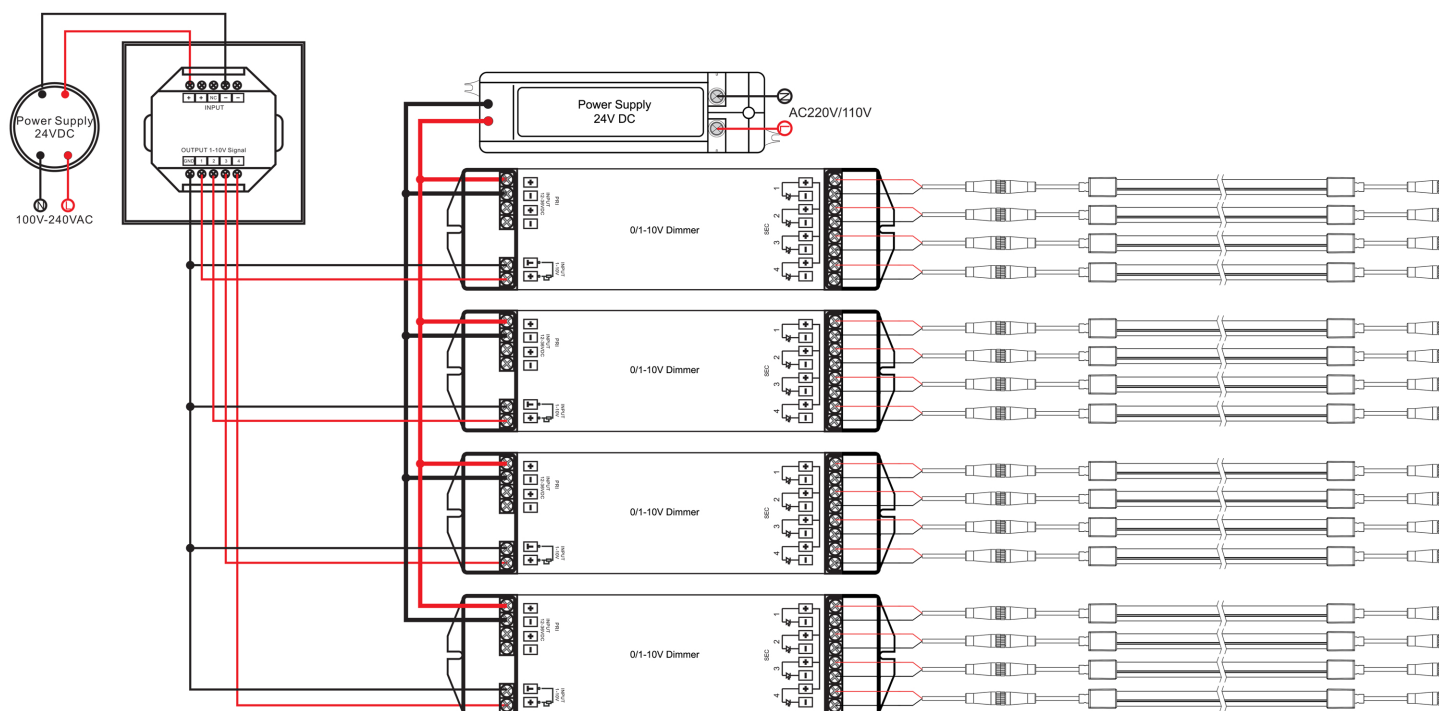


## 2. WITH PUSH DIM

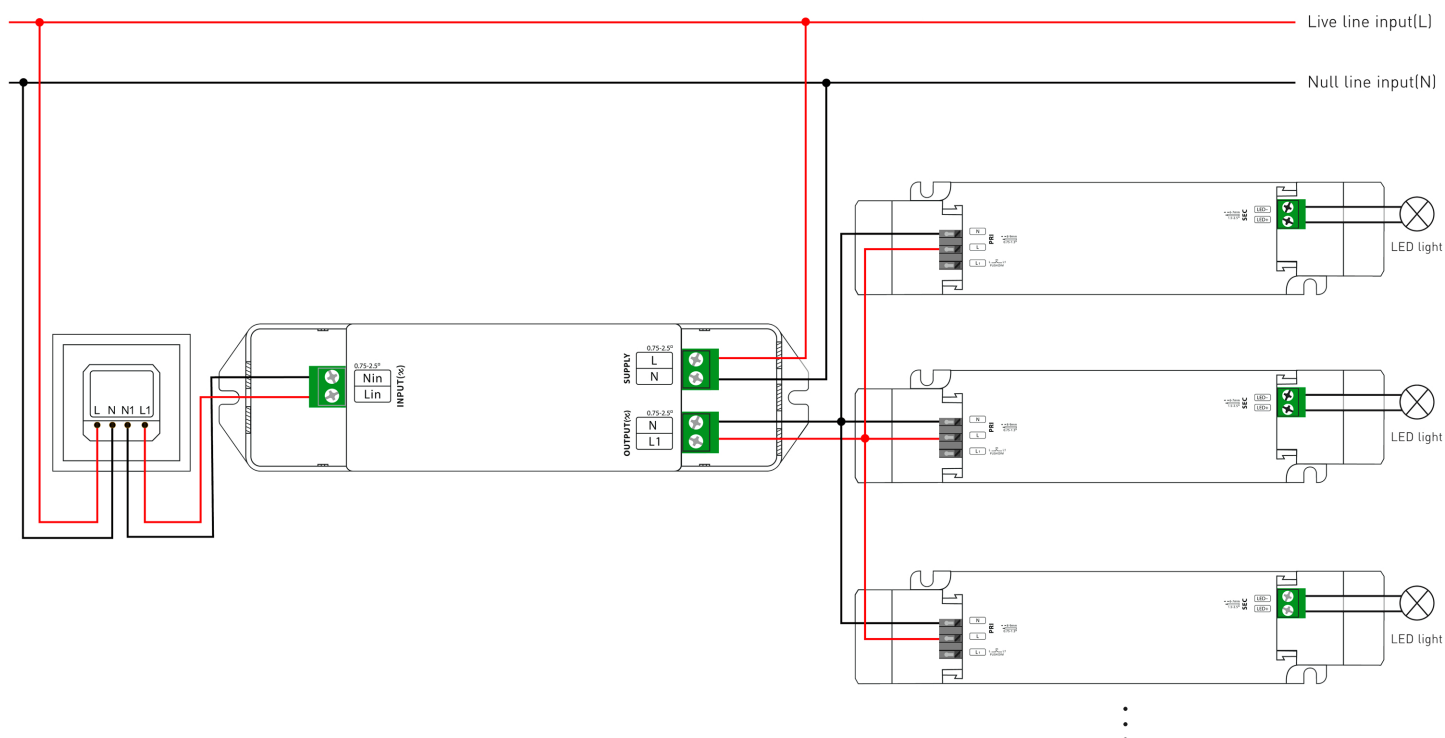


# WIRING DIAGRAM

## 0/1-10V



## PHASE CUT

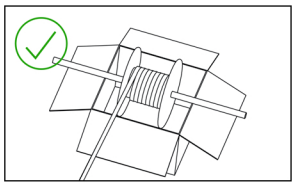


## GENERAL MOUNTING

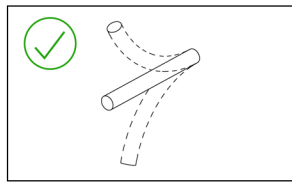
LED neon flex can be fastened to surfaces using appropriate accessories available from distributor. Please refer to data sheets or contact technical support for a copy. The use of glues and resins as fixing agents should be avoided. Use of glues and resins may invalidate the warranty of the product unless its use is agreed in writing by distributor as part of a detailed project specification.

The images indicate one type of fixing available in the accessories range. The different fixings serve obvious purposes, however when in doubt technical support should be contacted.

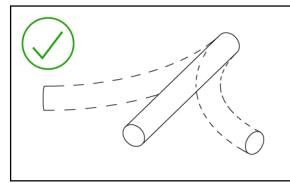
Quantities of accessories and fixings are dependent on the type and its effect on the variant it's being used with. Care should be taken to ensure drooping is avoided, and to ensure that is fastened adequately to avoid stresses on itself.



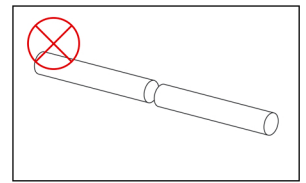
Insert a stick on the reel and place it on the packing box, and rotate the reel to get the product.



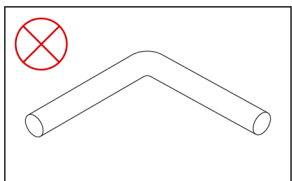
Correct usage.



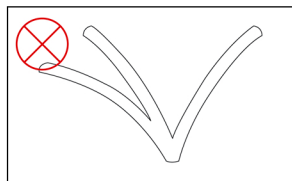
Correct usage.



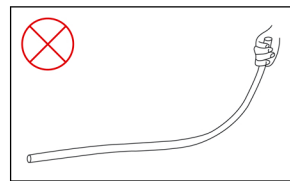
Do not make cuts.



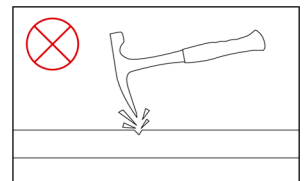
Do not bend at right angles.



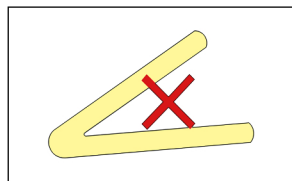
Do not bend many times, for it can endanger electronic lines.



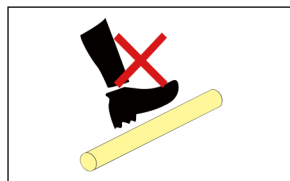
Do not throw or pull when taking products.



Avoid touching sharp objects.



Small Angle bending is prohibite.



Prohibit trample.

Note:

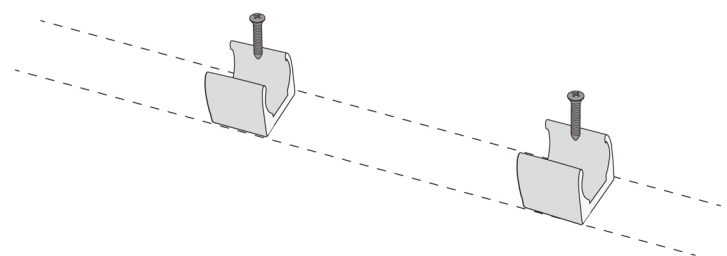
Please pay attention to above warnings when using;

Our company will not be held responsible for any quality hazards caused by damage to the product due to contact with sharp objects.

## INSTALLATION

### Clips

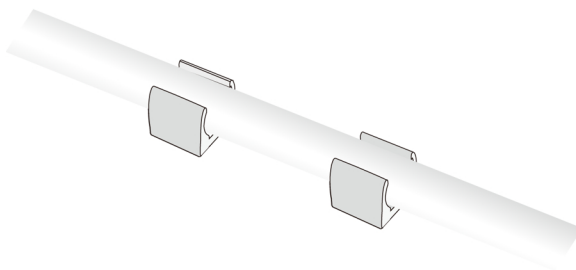
Fix the clips and profile via the screws.



⚠ Suggestion: 2pcs clips per meter.

### Neon Series

Simultaneously install the neon from both ends.



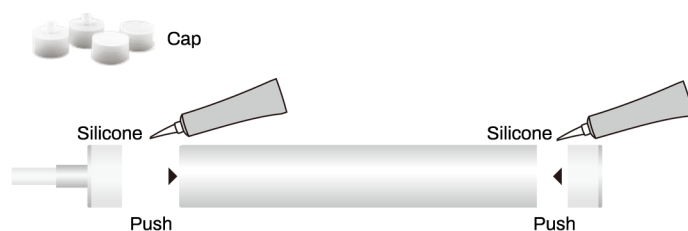
### Cutting

Cut the of 360° Series, expose the soldering pad.



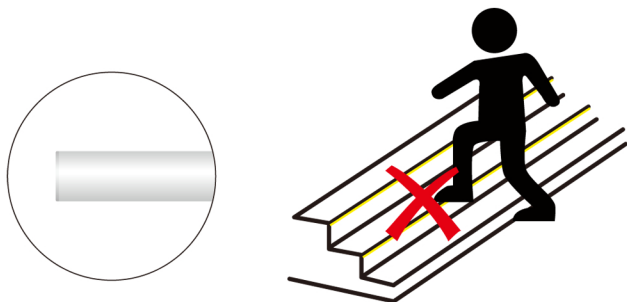
### Install Cap

Silicone around the tail of 360° Series and install the cap.

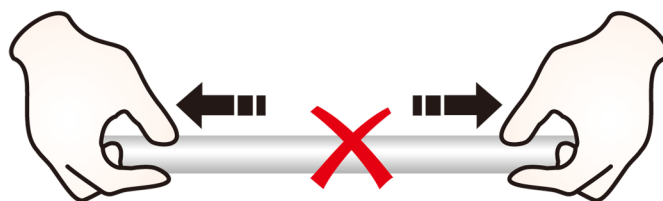


### Attention

No Trampling



No Stretching



## SCHEMATIC DIAGRAM OF INSTALLATION

