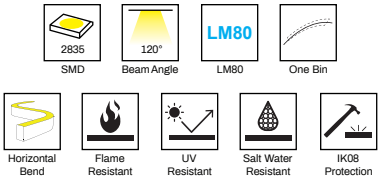
SCUBA WHITE





DESCRIPTION:

SCUBA WHITE IP68 Neon Flex light delivers a smooth, uniform glow with no color difference, ensuring a soft and consistent lighting effect. Built with multiple waterproofing designs, it can withstand long-term immersion in water up to 2 meters depth. Its silicone integrated extrusion molding uses food-grade silicone, offering yellowing resistance, high-temperature durability, and corrosion protection. Easy to install, this flexible light is designed for long-lasting performance in demanding environments. Free cutting upon request. Site cutting is not required, as any unauthorized cutting or modification at site will compromise the IP68 waterproof protection rating. Control mode : ON/OFF, DALI, Phase Cut, 0/1-10V.

TECHNICAL DETAILS:

Power : 10W/M
Voltage : DC24V
Efficiency : 70lm/W
CRI >90
3 step MacAdam
Length/Reel : 5M
Cutting length : 50mm
Led Qty : 140LEDs/M
Working Temperature : -25~+60°C
Storage Temperature : -25~+70°C
Voltage Range : 23~25V dc
Reverse Voltage : 25V dc
Warranty : 5 years

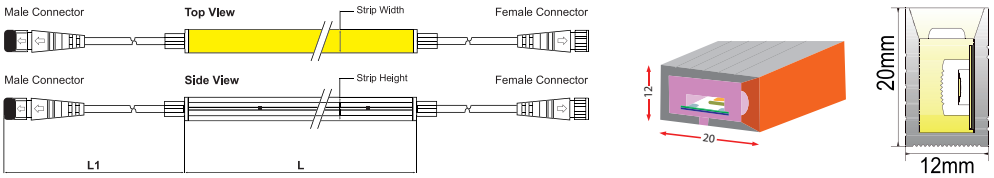
LUMENS PER METER:

CCT	10W
2700K	665lm
3000K	700lm
4000K	735lm
5000K	738lm
5700K	742lm
6500K	756lm

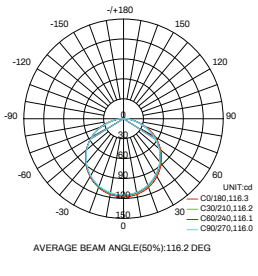
INSTALLATION : Horizontal Bend

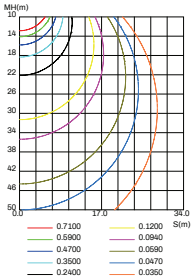
Product Code : 8001220

DIMENSION:

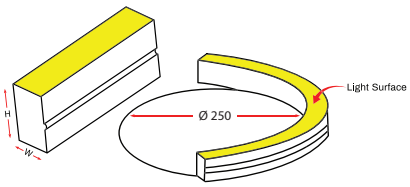


LIGHT DISTRIBUTION:



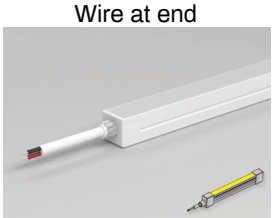


BENDING:

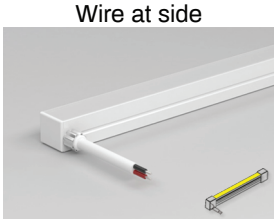


End cap

Wire at end



Wire at side



Wire at bottom



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

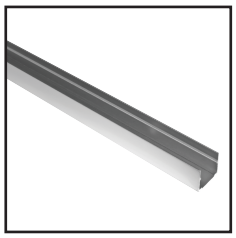
Order Code Ex : 8001220

Product Code	Power	CCT
8001220	10-10W	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 ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

Pluxb Lighting d.o.o
Miklavška cesta 75, SI - 2311 Hoce, SLOVENIA

ACCESSORIES



Aluminium Profile
Order Code : 8001220-01
Dimension : L1000xW14xH22.5mm
Material : aluminium
Color : silver



IP67 Connector 2PIN
Order Code : 8001220-05
Wire gauge : 0.326mm²/22AWG
Protection : IP67 (Mated)
Connector type : Female



Curved Profile
Order Code : 8001220-02
Dimension : L1000xW13xH18.5mm
Material : stainless steel
Color : silver



IP68 T Type Connector
Order Code : 8001220-08
Wire Gauge : 0.326mm²/22AWG
Protection : IP67 (Mated)



Mounting Clips
Order Code : 8001220-03
Dimension : L30xW14xH22.5mm
Material : stainless steel
Color : silver
Each meter led strips needs
2 clips + 2 screws

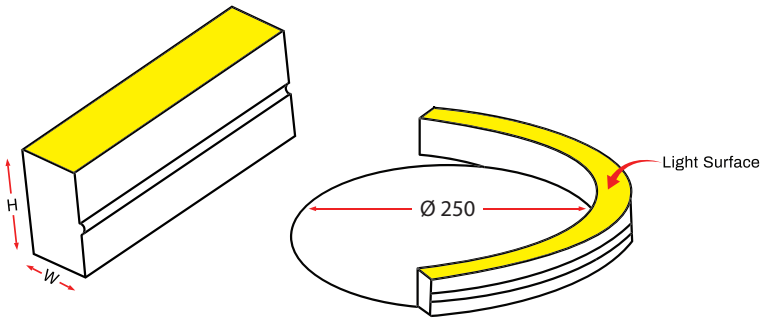


Scissor
Order Code : 8001220-09



IP67 Connector 2PIN
Order Code : 8001220-04
Wire gauge : 0.326mm²/22AWG
Protection : IP67 (Mated)
Connector type : Male

ADDITIONAL INFO

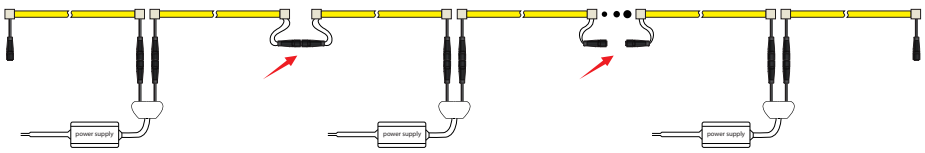


- Please light it up for a quick check before installation.

- Bending diameter of SCUBA WHITE 1220 is 300mm, do not bend to Top 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.

- 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.

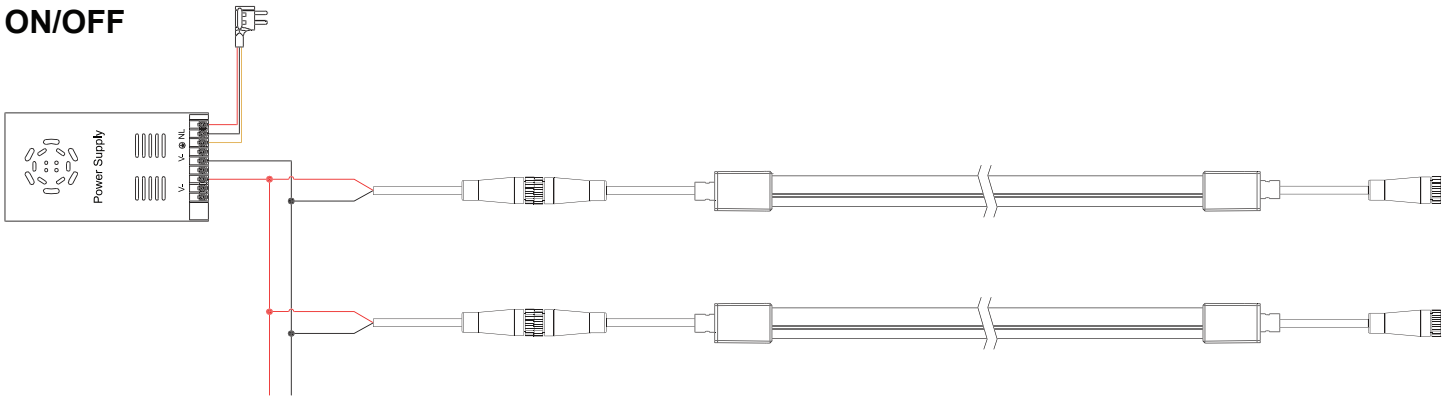


Note:
-10W/M Max. 10mtr run length to single side feed.

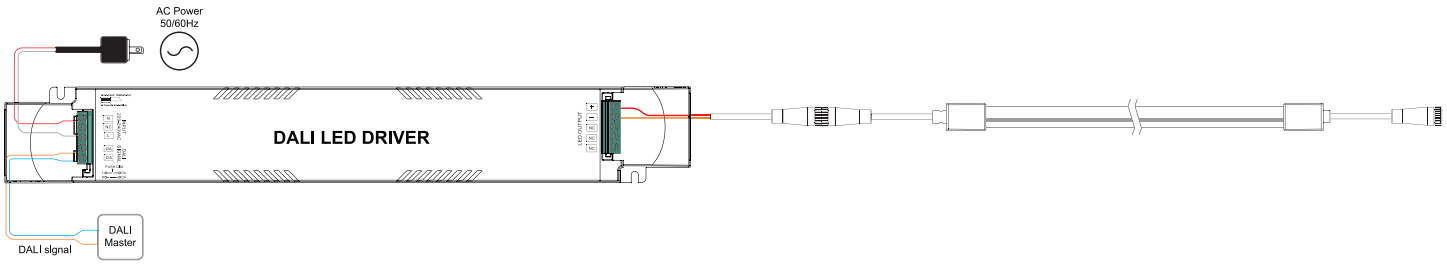
-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 5%.

WIRING DIAGRAM

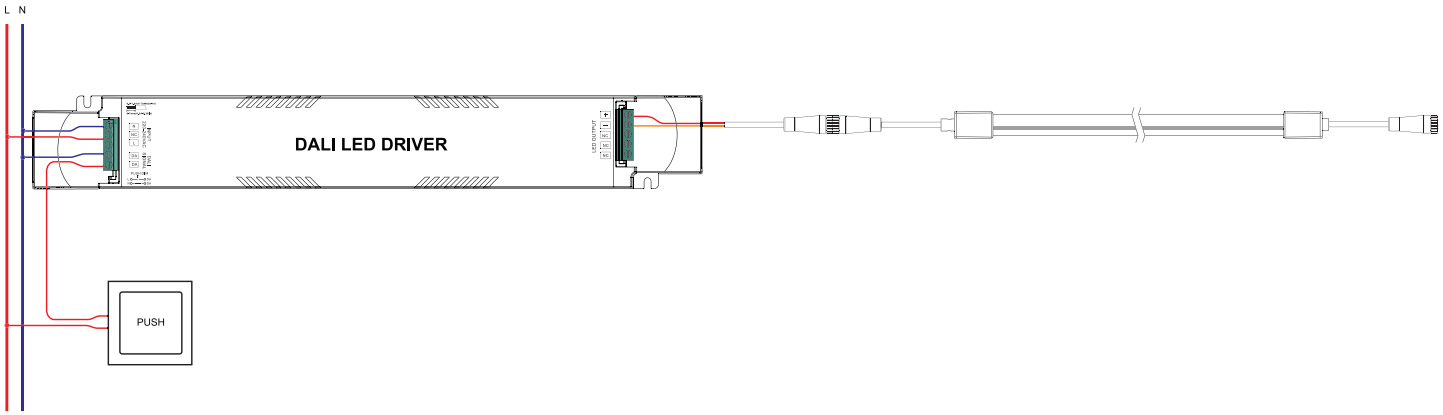
ON/OFF



1. DALI

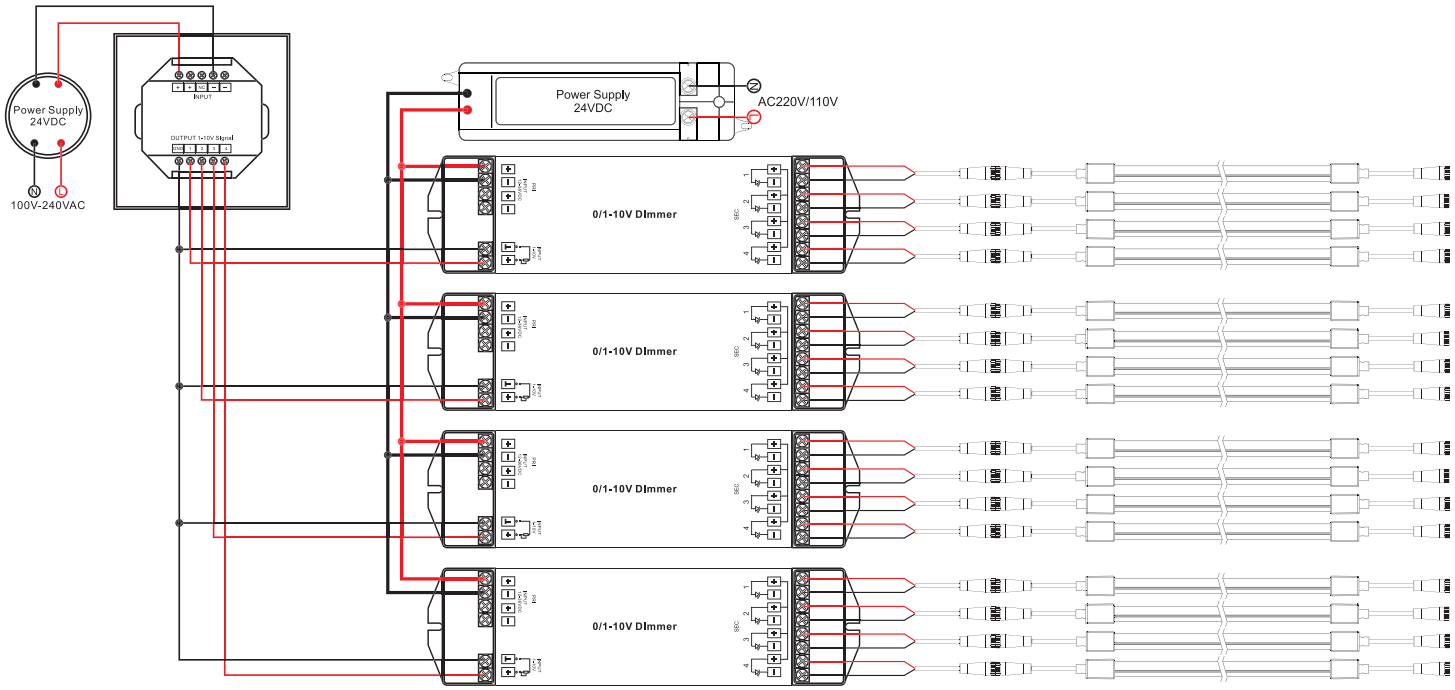


2. WITH PUSH DIM

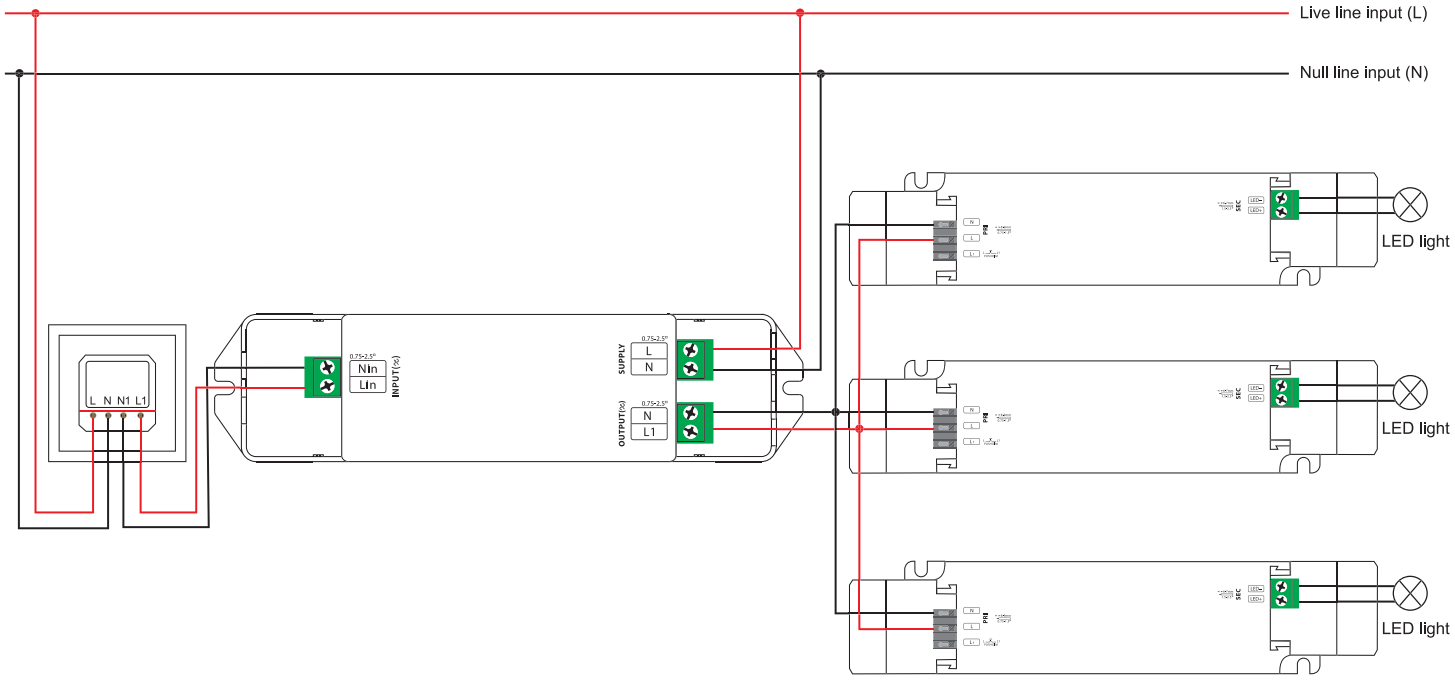


WIRING DIAGRAM

0/1-10V



PHASE CUT

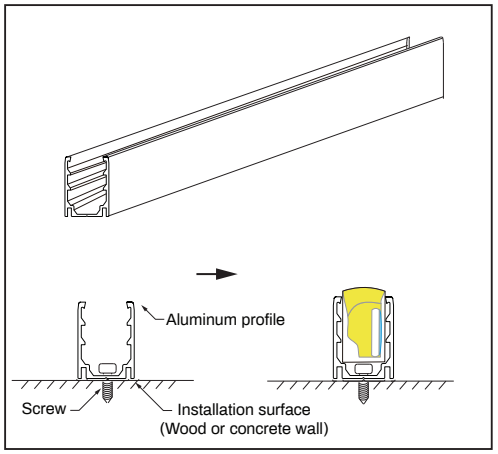


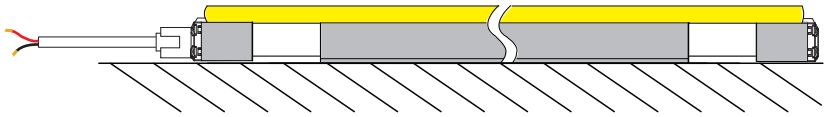
GENERAL MOUNTING

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 it's use is agreed in writing by distributor as part of a detailed project specification.

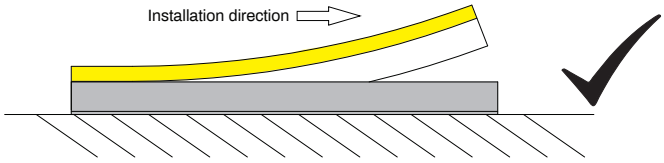
The images indicate one type of fixing available in the accessories range. The different fixings serve obvious purposes, however when in doubt technical support should be contacted.

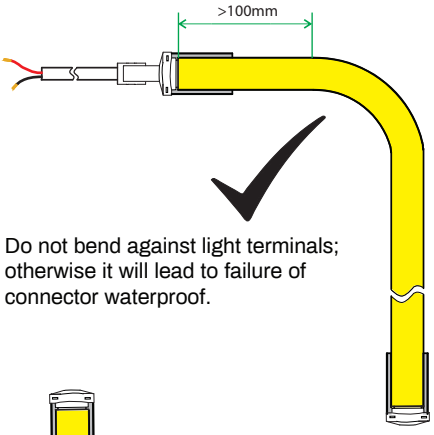
Quantities of accessories and fixings are dependent on the type and its effect on the variant it's being used with. Care should be taken to ensure drooping is avoided, and to ensure that is fastened adequately to avoid stresses on itself.





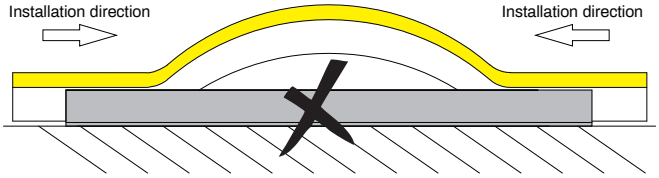
Press the flex light into mounted aluminum channel in one direction.

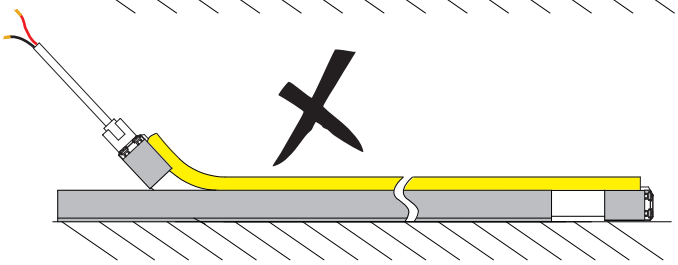


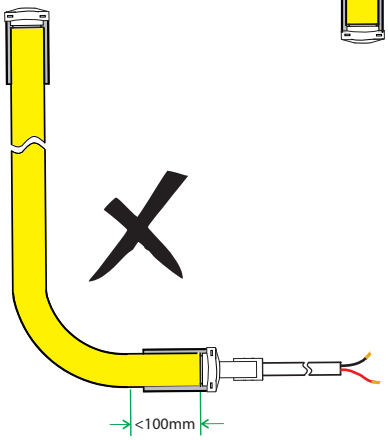


Do not bend against light terminals; otherwise it will lead to failure of connector waterproof.

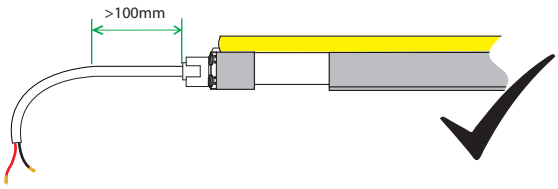
Incorrect installation like below picture could lead to light failure.

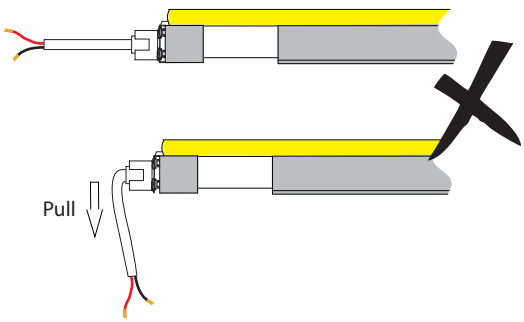




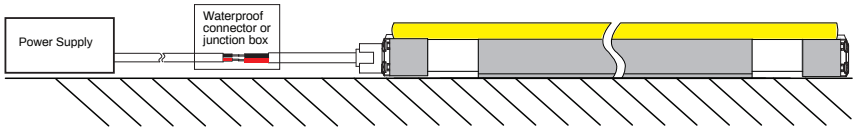


Ensure the feeding cable not bear force, keep the head10mm in natural loose.



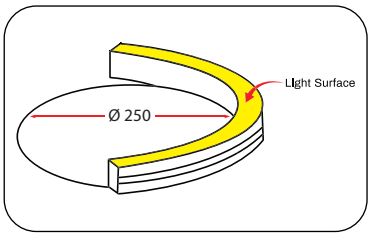


Mount the cable junction in hermetic enclosure
like waterproof junction box in outdoor application.



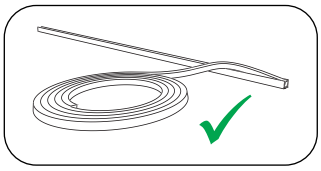
INSTALLATION

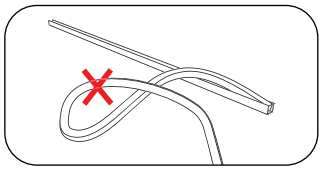
Attention



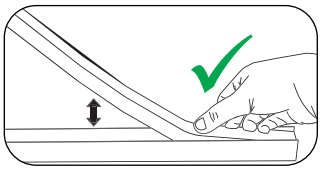
1. Correct bending way.

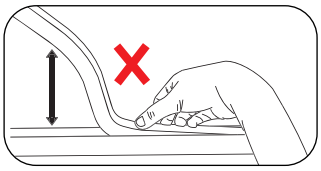
Installation



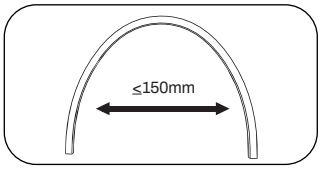


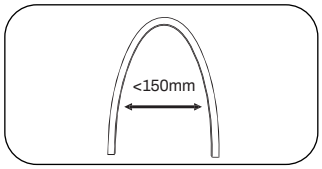
1. During LED strip installation, ensure to uncoil the strip loop by loop and maintain perpendicular alignment with the mounting profile. Avoid twisting or knoting of the strip at all times.



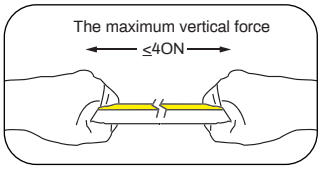


2. Align the LED strip with the opening of the profile, gently lift and press the strip into the profile, and strictly avoid excessive bending or lifting of the strip.

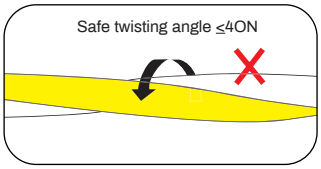




3. Align the LED strip with the opening of the profile, gently lift and press the strip into the profile, and strictly avoid excessive bending or lifting of the strip.

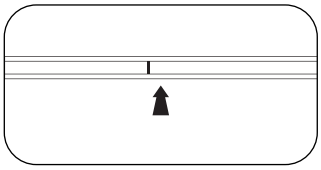


The safe tensile force for the LED strip shall be ≤4ON
Excessive force may damage the internal circuitry.

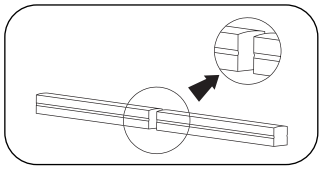


The safe twisting angle for the LED strip shall not exceed 180°.

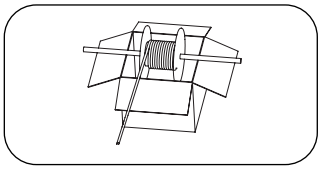
Warning sign



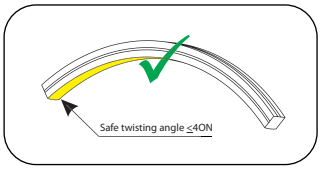
Cuttable Marking Area
(on the bottom or side of the product).



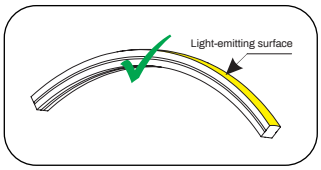
Neat and smooth cut.



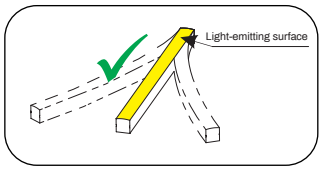
Mount the roll on a rod over the box and rotate to use.



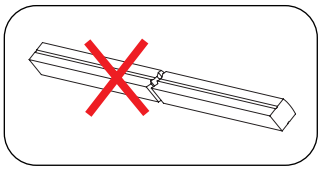
Top Bend.



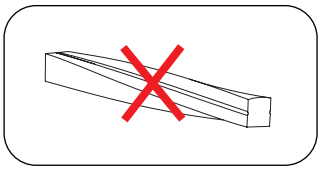
Side Bend.



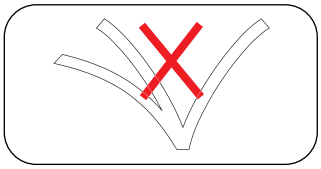
Free Bend.



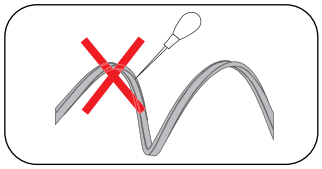
Do not leave uneven cuts.



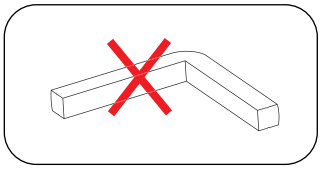
Do not twist during use.



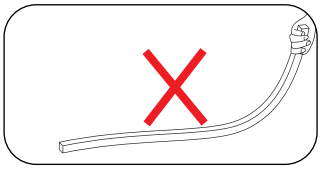
Repeated bending may damage electronic circuits.



Do not puncture or scratch with sharp objects.



Do not bend at sharp angles.



Do not jerkor yankwhen using the product.

1. The cutting marks are located on the PCB. Refer to the product cutting line window or laser markings von the surface to identify the trimming position.
2. During transportation and application, please observe the above warning labels. Proper handling ensures optimal performance and user satisfaction.

NOTE :

IP68 neon flex fixtures are supplied in factory-sealed customized lengths according to project requirements to ensure continuous illumination and long-term underwater performance. The product is not designed to be cut or re-terminated at site after factory sealing. Installation shall be carried out using approved stainless steel underwater mounting accessories, waterproof end caps, and suitable IP68-rated power and cable connections. All power supplies, connectors, and junction points shall be installed in dry and protected locations in accordance with manufacturer recommendations to maintain reliable waterproof integrity and electrical safety.