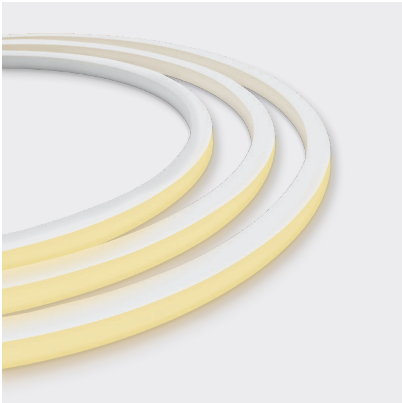
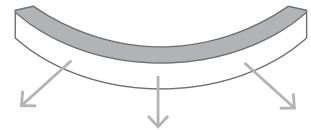


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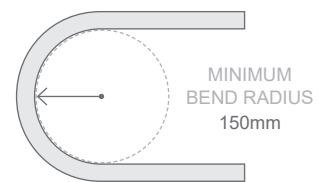
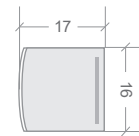


COLOUR	CODE
WARM WHITE 2700K +/- 145K	BL-LS-4800-27
WARM WHITE 3000K +/- 175K	BL-LS-4800-30
NATURAL WHITE 4000K +/- 275K	BL-LS-4800-40
COOL WHITE 5700K +/- 300K	BL-LS-4800-57
2500 - 5000K TUNEABLE WHITE	BL-LS-4825
RGB	BL-LS-4800-RGB
RGBW	BL-LS-4800-RGBW
RGB CHASING	BL-LS-4800-RGBC

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE
IES FILES AVAILABLE



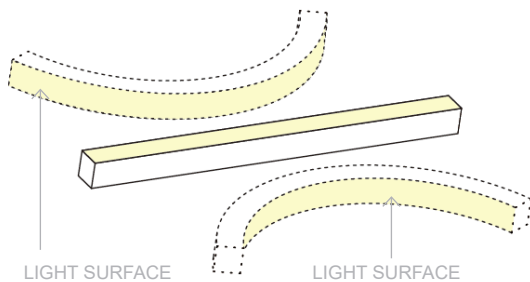
LIGHT DIRECTION
VERTICAL BENDING



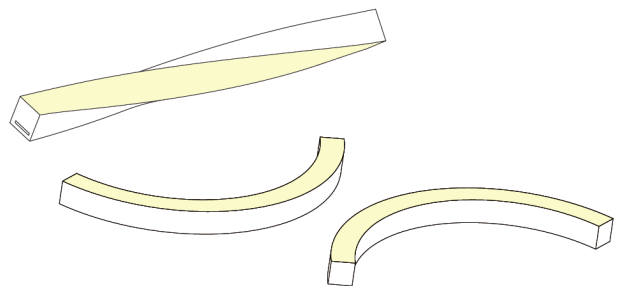
MINIMUM
BEND RADIUS
150mm

BENDING PARAMETERS

✓ NEON ARC CAN BE CURVED AS SHOWN BELOW

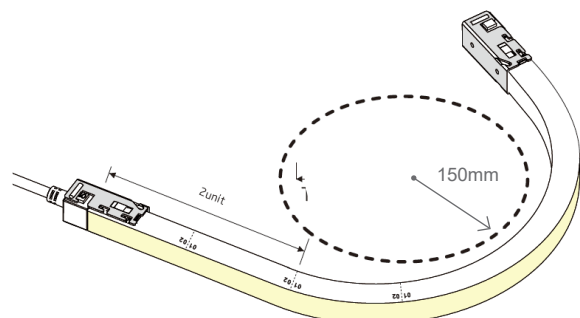
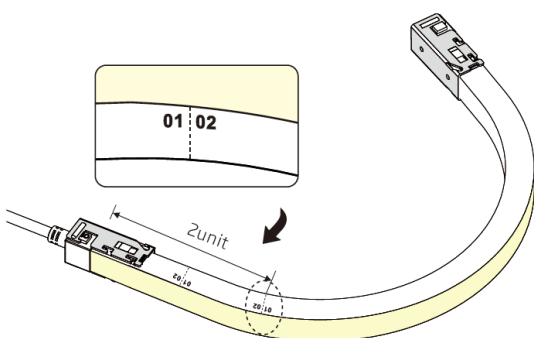


✗ DO NOT TWIST THE LIGHT OR BEND AGAINST THE LIGHT SURFACE



- Avoid bending LED Neon within the first unit (units are clearly marked with dashed lines on the sides of the product)

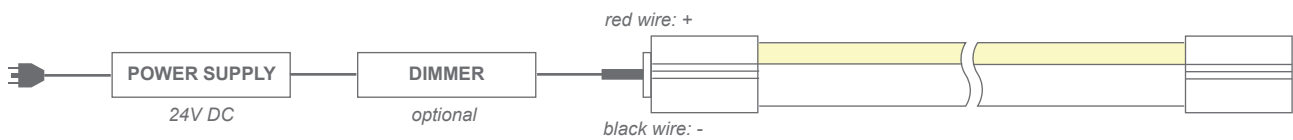
- LED Neon can be bent up to the defined "minimum bend radius" (150mm for Neon Arc)



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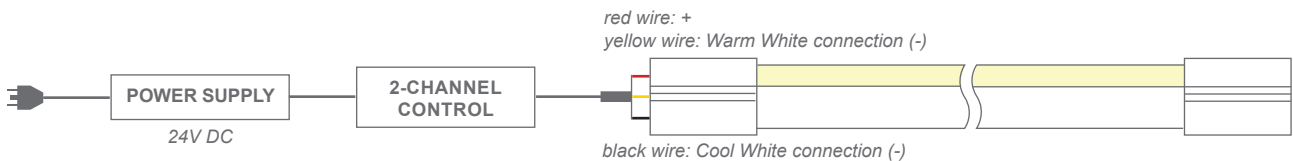
WIRING DIAGRAMS

WHITE



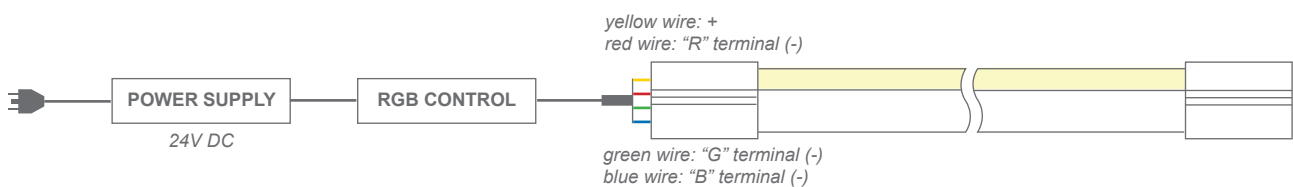
MAX. RUN PER POWER FEED: 10m using one feed, 20m using two feeds

TUNEABLE WHITE



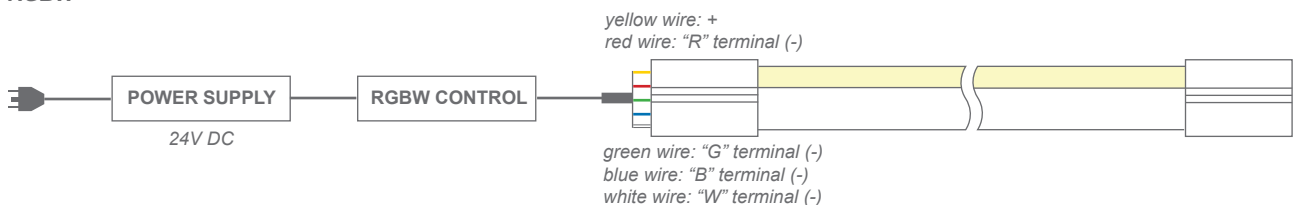
MAX. RUN PER POWER FEED: 10m using one feed, 20m using two feeds

RGB



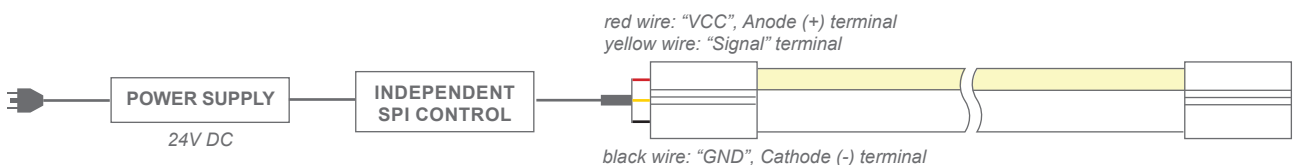
MAX. RUN PER POWER FEED: 7m using one feed, 14m using two feeds (Static full loading) or, 10m using one feed, 20m using two feeds (Dynamic operating)

RGBW



MAX. RUN PER POWER FEED: 5m using one feed, 10m using two feeds

DYNAMIC RGB 'CHASING'



DMX OPTION AVAILABLE

MAX. RUN PER POWER FEED: 5m using one feed, 10m using two feeds (Static full loading) or, 10m using one feed, 20m using two feeds (Dynamic operating)

- LED Neon must always be used in conjunction with a certified Bright Light 24V DC power supply.
- Check the polarity of the connector before inserting the front connector and switching on the mains power.
- To minimise voltage drop and ensure consistent light output, position the power supply near to the power feed end of the LED Neon, and keep the line as short as possible
- Ensure your maximum run per power feed adheres to the guidelines; see specification sheet.
- Ensure to add 20% buffer when selecting a power supply
- Before making any cuts, installation, maintenance, or connection, be sure the mains power is disconnected.
- If essential; cut and connect LED Neon correctly. Any incorrect operation can cause damage.
- All connector joints must be connected correctly to achieve connector IP rating.

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PROFILE INSTALLATION REQUIREMENTS

ACCESSORY

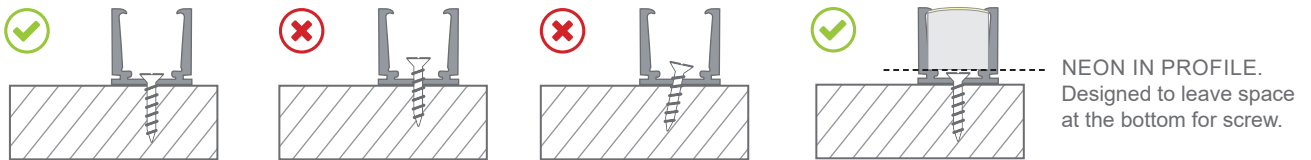
BL-LS-4803
SELF-LOCKING ALUMINIUM PROFILE 2m

BL-LS-4802
SELF-LOCKING ALUMINIUM V2 MOUNTING CLIP 35mm

BL-LS-4804
PLASTIC PROFILE 2m

BL-LS-4805
PLASTIC PROFILE 1m

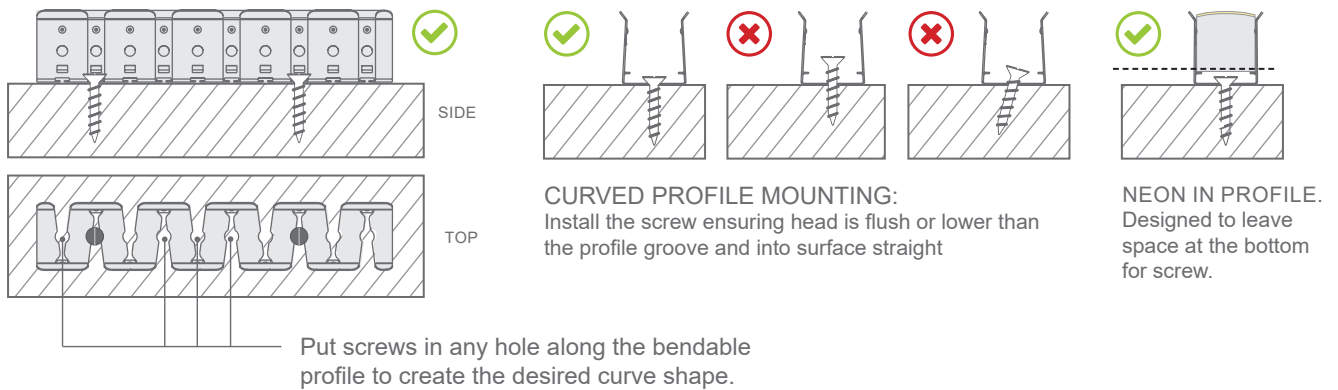
REFER TO
ACCESSORIES PDF
FOR PROFILE DETAILS
& DIMENSIONS



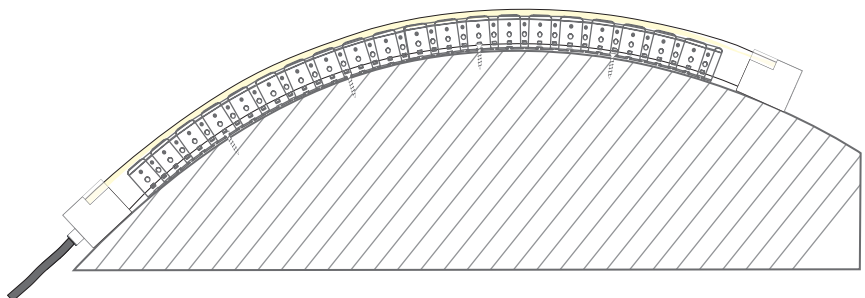
PROFILE MOUNTING: Install the screw ensuring head is flush or lower than the profile groove and into surface straight

ACCESSORY

BL-LS-4813
CURVE STAINLESS STEEL PROFILE 900MM
MULTIPLE FIXING LOCATIONS



Curve stainless steel profile is flexible and can stretch or condense as the design requires.

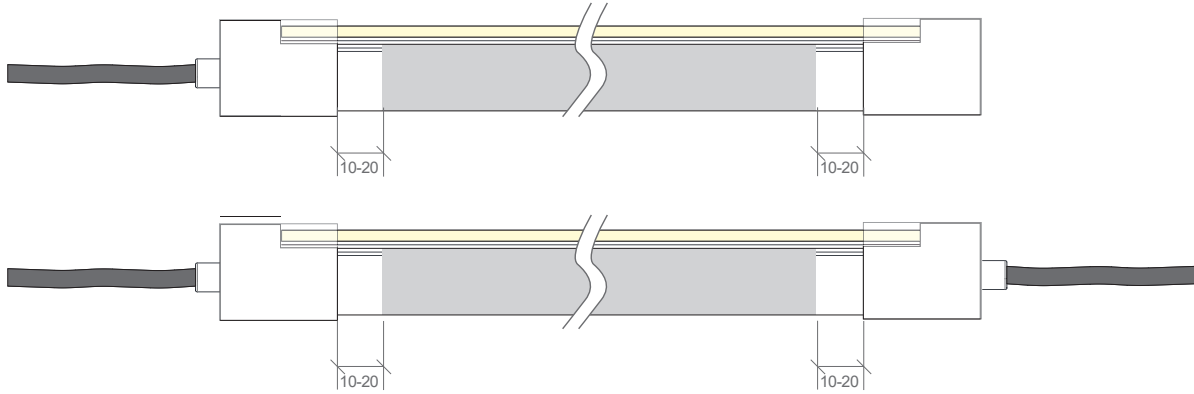


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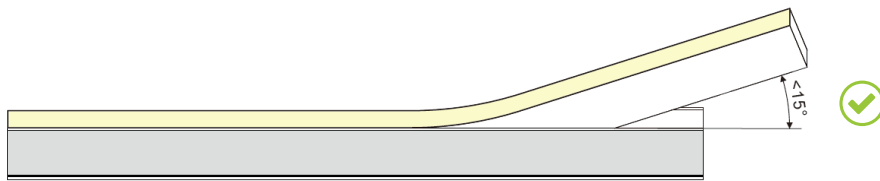
PROFILE INSTALLATION REQUIREMENTS

>> FOR SLEEVE / SNAP / DUAL INJECTION MOULDING CONNECTORS

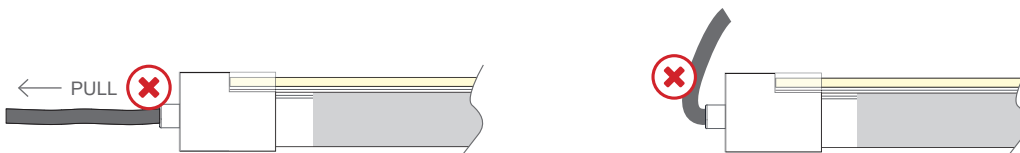
- ✔ - Ensure the supply cord is not subject to mechanical stress
- ✔ - Keep 10–20mm distance between the end of the profile and the end mounting piece



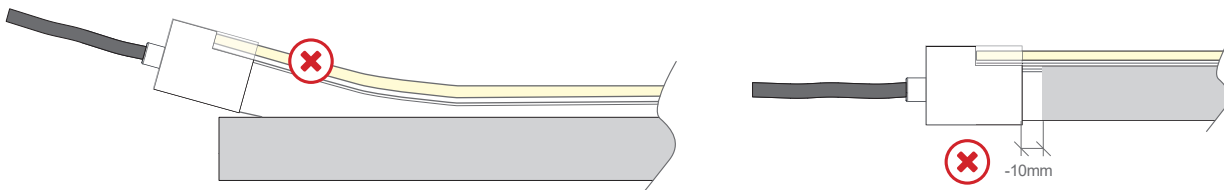
- The bend angle should be less than 15 degrees when installing LED Neon into the profile by hand



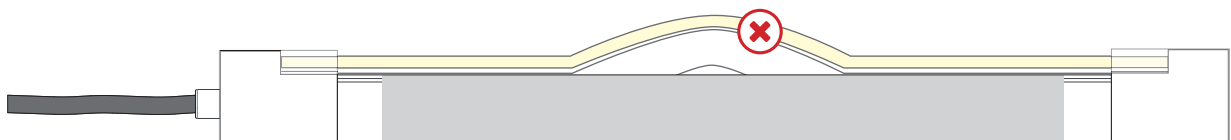
- ✘ - Avoid placing mechanical stress on the front connector cable
- ✘ - Do not curl or bend the front connector cable with excessive force



- Avoid installing the profile less than 10mm from the end mounting piece



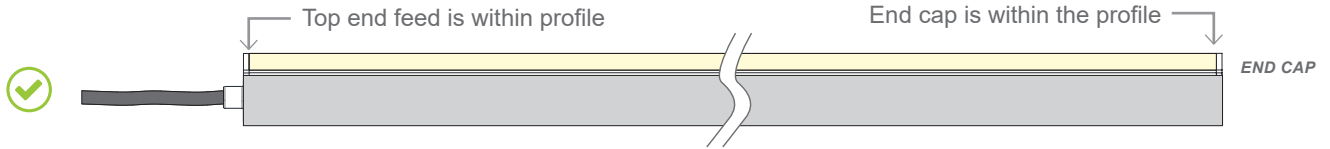
- Install the LED Neon into the profile in one direction, don't let it bow in the middle



NEON ARC | ELECTRICAL AND PHYSICAL INSTALLATION GUIDE

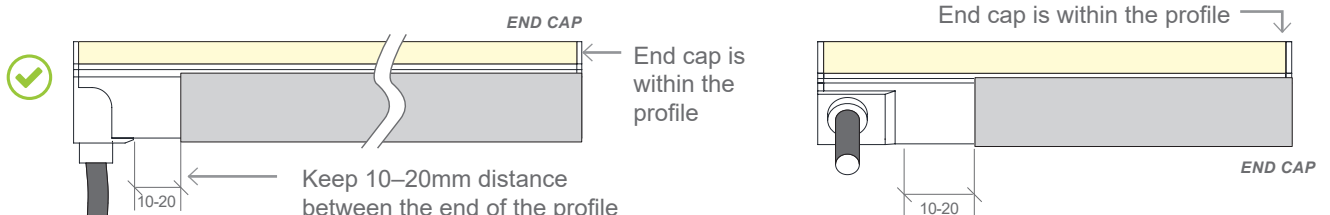
PROFILE INSTALLATION REQUIREMENTS >> FOR SLIMLINE INJECTION MOULDING CONNECTOR

TOP END FEED

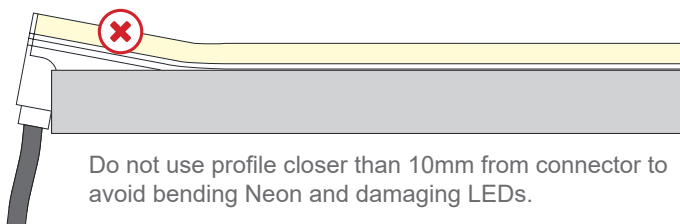


- Top End Feed (Slimline injection moulding only) & end cap are both fitted within the profile

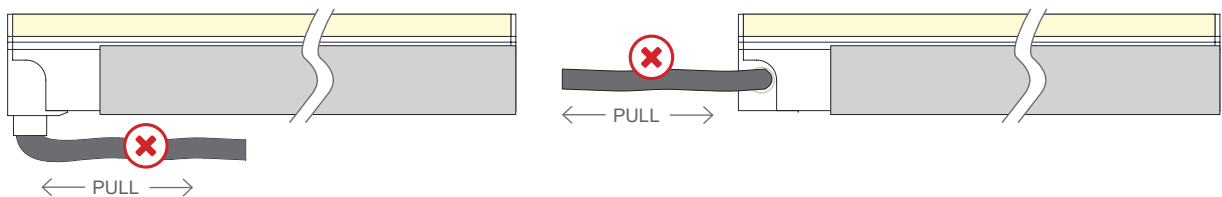
BOTTOM FEED / SIDE FEED



- Bottom feed / side feed are keep outside the profile with 10-20mm space
- End cap is within the profile



- Avoid placing mechanical stress on the connector cable
- Do not curl or bend the connector cable with excessive force



MIDDLE FEED

