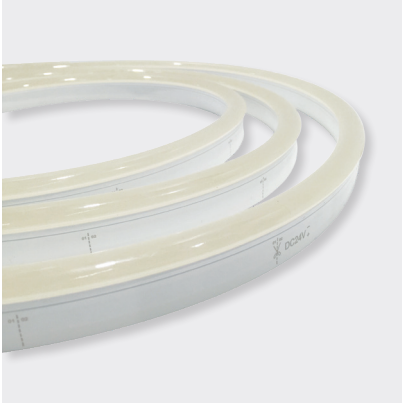


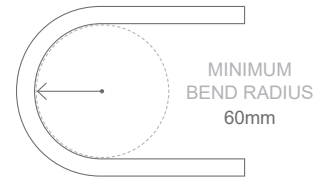
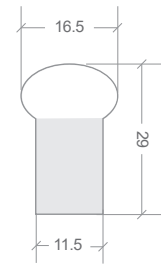
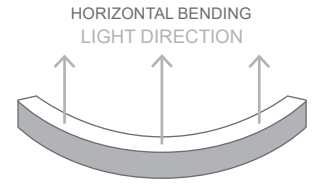
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COLOUR	CODE
WARM WHITE 2700K +/- 145K	BL-LS-4580-27
WARM WHITE 3000K +/- 175K	BL-LS-4580-30
NATURAL WHITE 4000K +/- 275K	BL-LS-4580-40
COOL WHITE 5700K +/- 300K	BL-LS-4580-57
2500 - 5000K TUNEABLE	BL-LS-4900
RED 615-625nm	BL-LS-4530-R
GREEN 520-530nm	BL-LS-4500-G
BLUE 465-475nm	BL-LS-4500-B
YELLOW 580nm	BL-LS-4530-Y
RGB	BL-LS-4600-RGB
RGBW	BL-LS-4650-RGBW
RGB CHASING	BL-LS-4700-RGBC
RGBW CHASING	BL-LS-4700-RGBWC

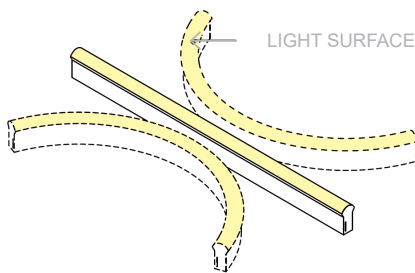
AVAILABLE BY SPECIAL ORDER. MOQ APPLY.

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

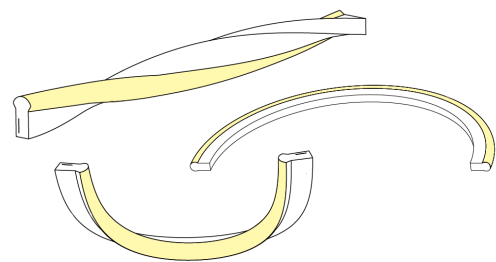


BENDING PARAMETERS

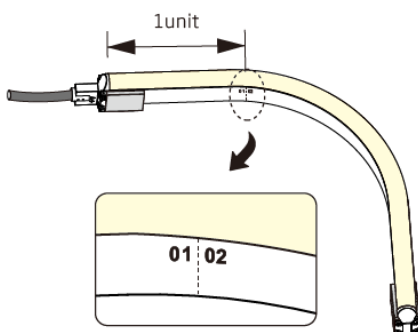
✓ NEON CLASSIC CAN BE CURVED AS SHOWN BELOW



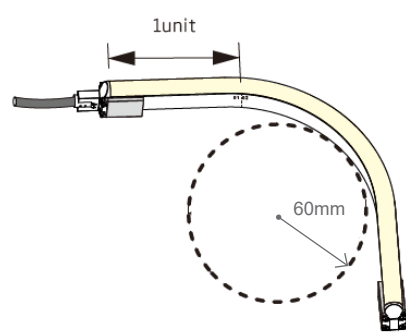
✗ DO NOT TWIST THE LIGHT OR BEND AGAINST THE LIGHT SURFACE



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



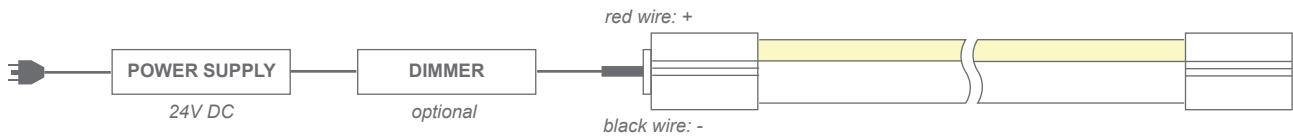
- LED Neon can be bent up to the defined "minimum bend radius" (60mm for Neon Classic)



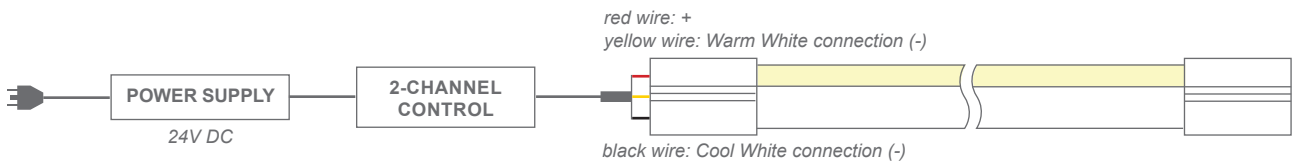
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WIRING DIAGRAMS

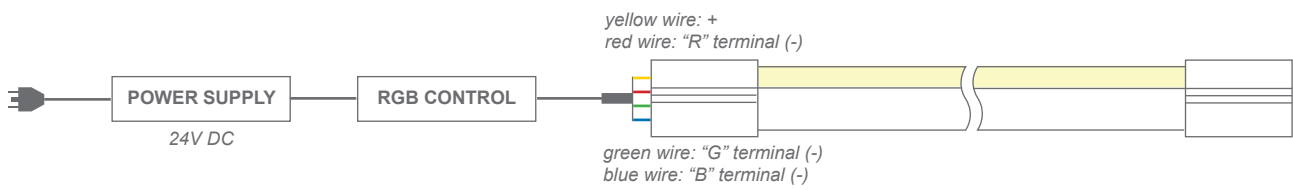
WHITE / SINGLE COLOUR



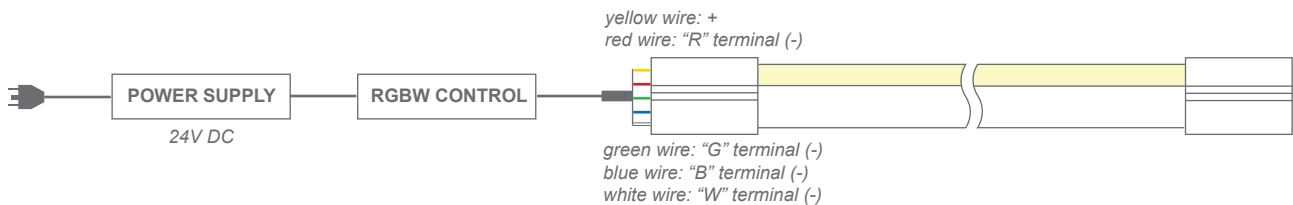
TUNEABLE WHITE



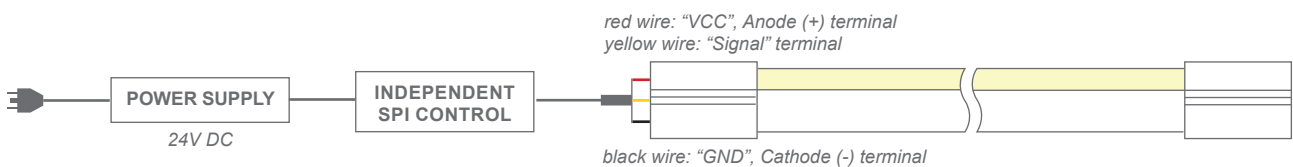
RGB



RGBW



DYNAMIC RGB 'CHASING' / RGBW 'CHASING'



DMX OPTION AVAILABLE

- 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

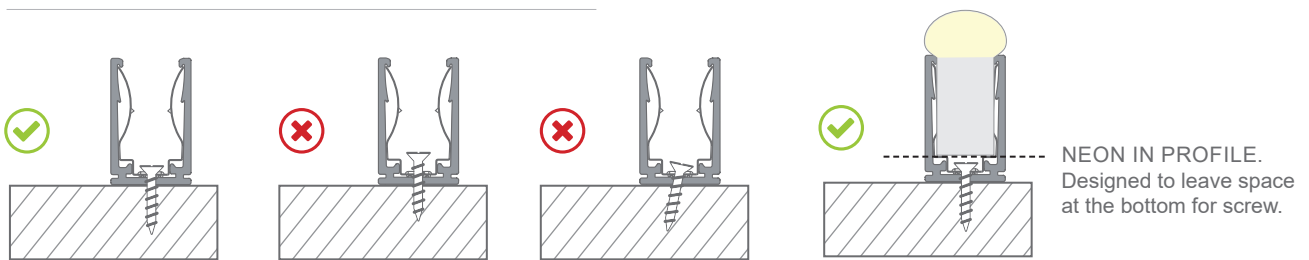
BL-LS-4003
SELF-LOCKING ALUMINIUM V2 PROFILE 2m

BL-LS-4004
SELF-LOCKING ALUMINIUM V2 MOUNTING CLIP 35mm

BL-LS-4005
PLASTIC PROFILE 2m

BL-LS-4006
PLASTIC PROFILE 1m

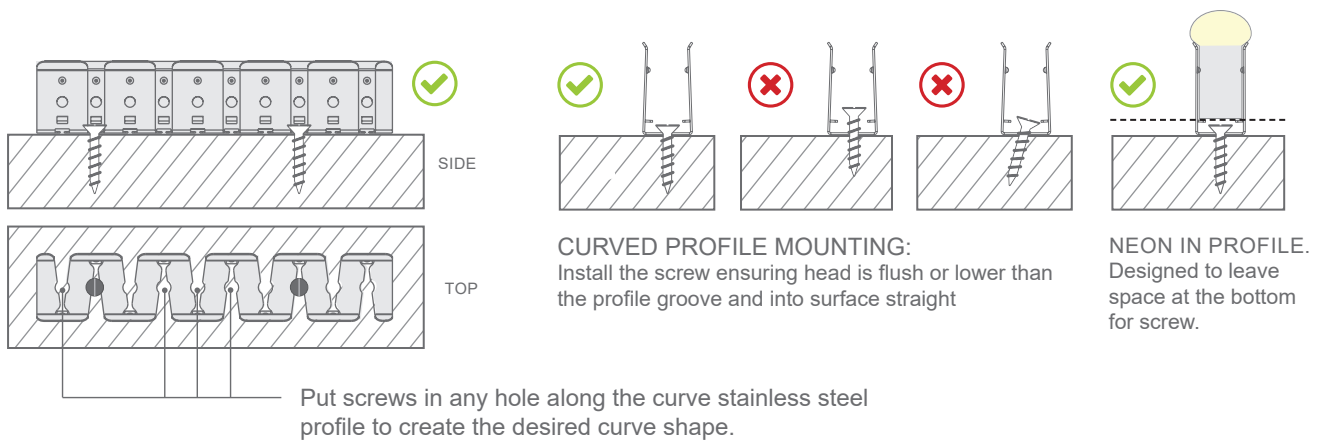
REFER TO
MOUNTING ACCESSORIES PDF
FOR PROFILE DETAILS
& DIMENSIONS



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

ACCESSORY

BL-LS-4028
CURVE STAINLESS STEEL PROFILE 900MM
MULTIPLE FIXING LOCATIONS



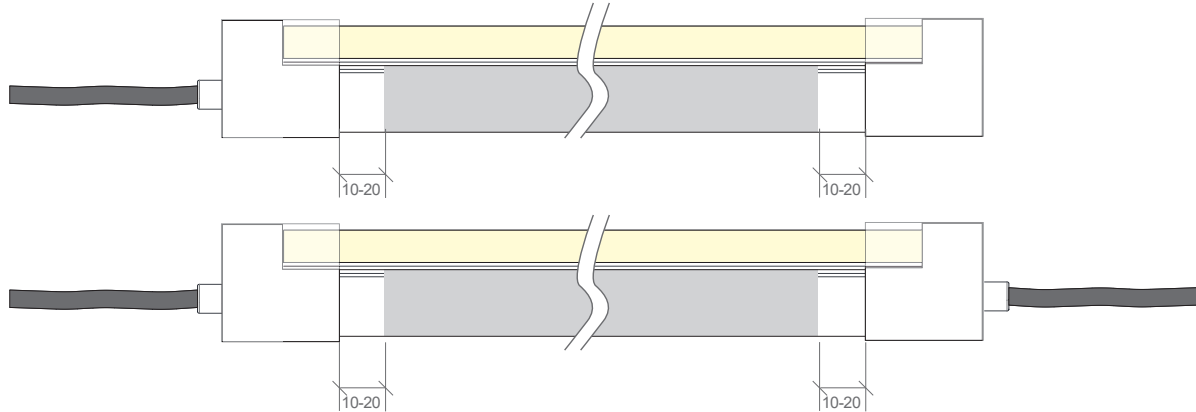
Curve stainless steel profile is flexible and can stretch or condense as the design requires.

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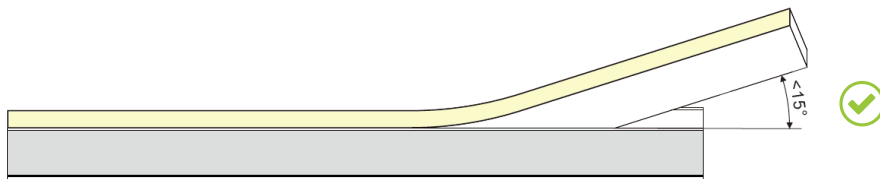
PROFILE INSTALLATION REQUIREMENTS

>> FOR SLEEVE / SNAP / DUAL INJECTION MOULDING CONNECTORS

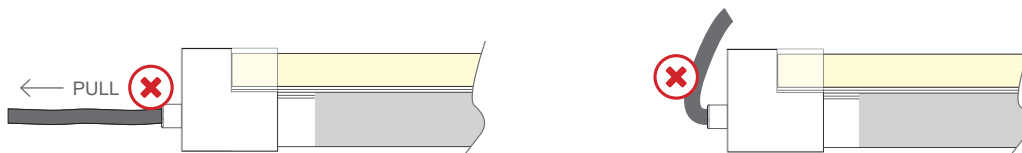
- ✔ - Ensure the supply cord is not subject to mechanical stress
- Keep 10–20mm distance between the end of the profile and the end mounting piece



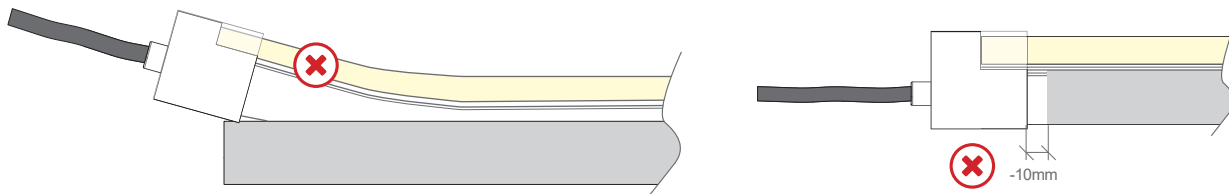
- The bend angle should be less than 15 degrees when installing LED Neon into the profile by hand



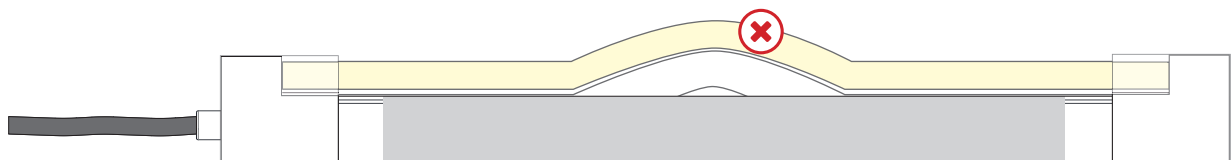
- ✘ - Avoid placing mechanical stress on the front connector cable
- Do not curl or bend the front connector cable with excessive force



- 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

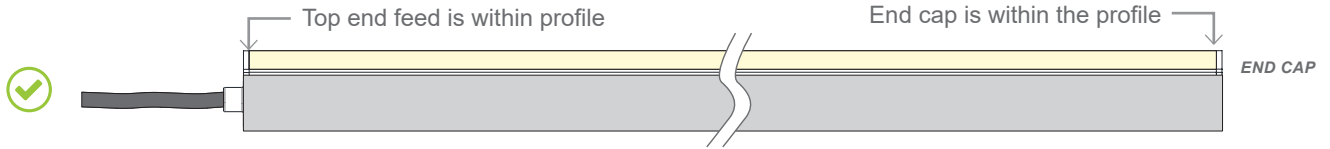


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PROFILE INSTALLATION REQUIREMENTS

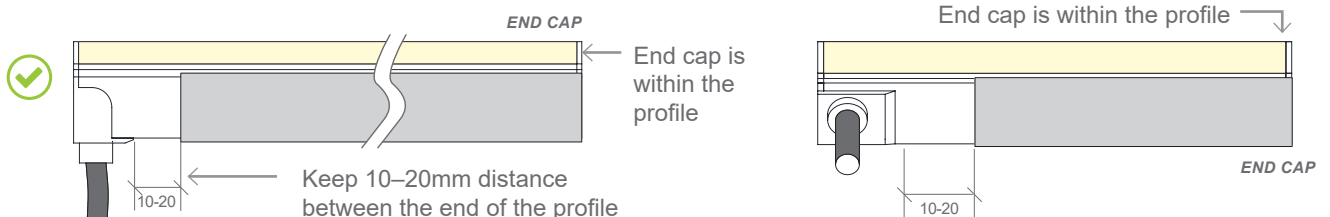
>> FOR SLIMLINE INJECTION MOULDING CONNECTOR

TOP END FEED

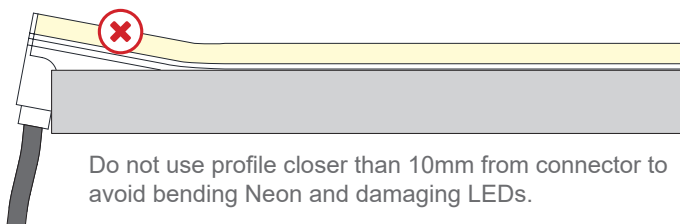


- Top End Feed (Slimline injection moulding only) & end cap are both fitted within the profile

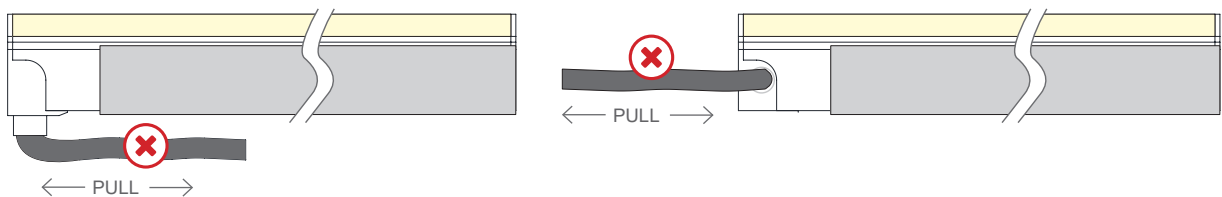
BOTTOM FEED / SIDE FEED



- 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

