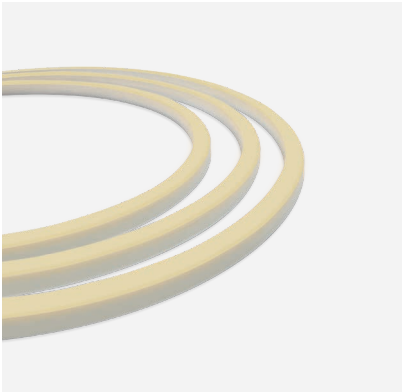
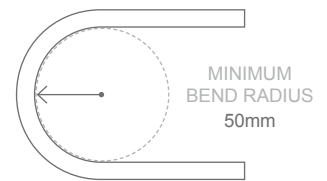
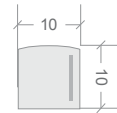
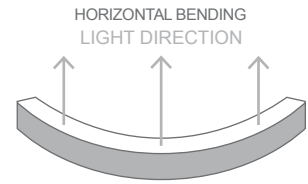


NEON MICRO ARC | HORIZONTAL BENDING | ELECTRICAL AND PHYSICAL INSTALLATION GUIDE



COLOUR	CODE
WARM WHITE 3000 K +/- 175 K	BL-LS-4850-30-HB
NATURAL WHITE 4000 K +/- 275 K	BL-LS-4850-40-HB
COOL WHITE 5700 K +/- 300 K	BL-LS-4850-57-HB

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

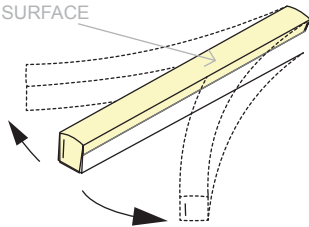


BENDING PARAMETERS

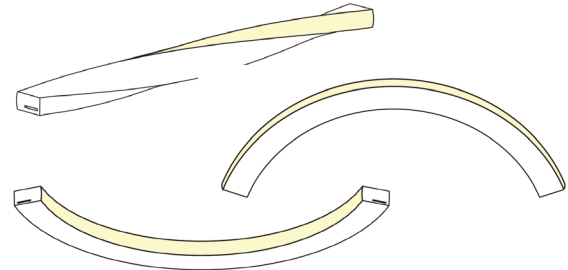


NEON MICRO ARC HORIZONTAL BENDING CAN BE CURVED AS SHOWN BELOW

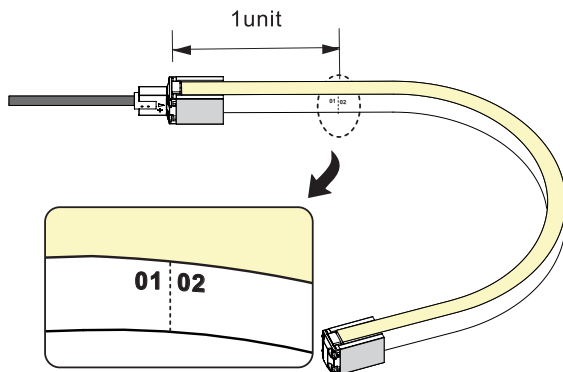
LIGHT SURFACE



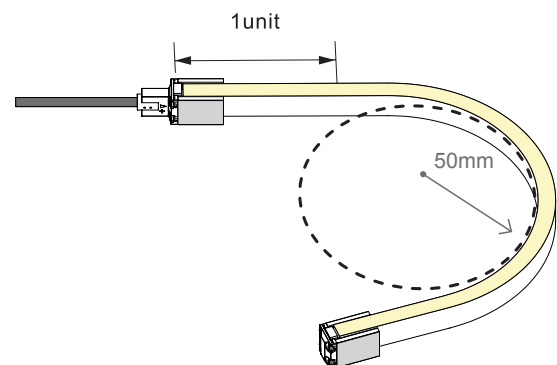
DO NOT TWIST THE LIGHT OR BEND AGAINST THE LIGHT SURFACE



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

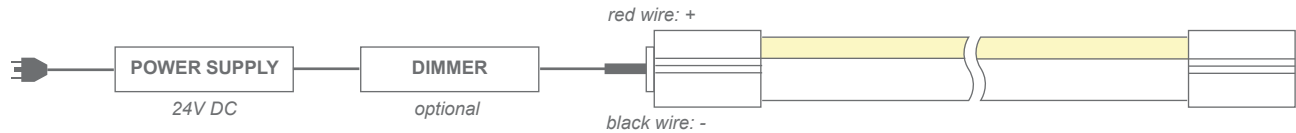


- LED Neon can be bent up to the defined "minimum bend radius" (50mm for Neon Micro Arc)



NEON MICRO ARC | HORIZONTAL BENDING | ELECTRICAL AND PHYSICAL INSTALLATION GUIDE

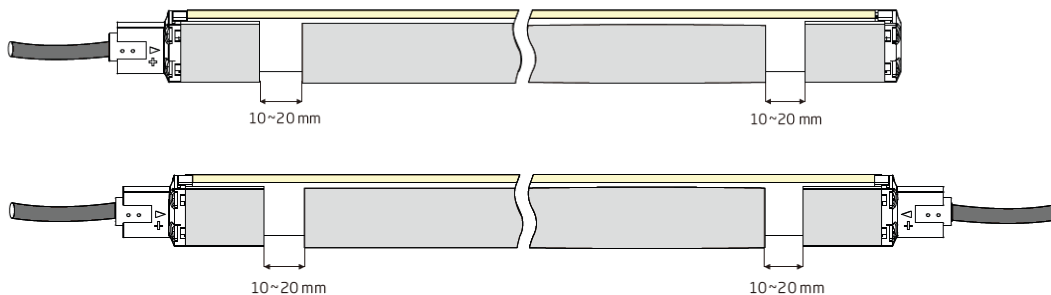
WIRING DIAGRAM



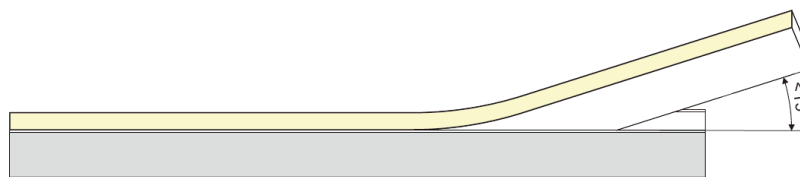
- LED Neon must always be used in conjunction with a certified Bright Light 24V DC power supply.
- Check the polarity of the connector before inserting the front connector and switching on the mains power.
- To minimise voltage drop and ensure consistent light output, position the power supply near to the power feed end of the LED Neon, and keep the line as short as possible.
- Ensure to add 20% buffer when selecting a power supply.
- Ensure your maximum run per power feed adheres to the guidelines; 10m when using a single connector, or 20m when using both connectors (see specification sheet).
- 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.

PROFILE INSTALLATION REQUIREMENTS

- 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



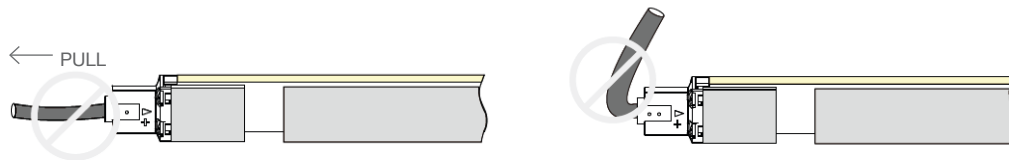
- The bend angle should be less than 15 degrees when installing LED Neon into the profile by hand



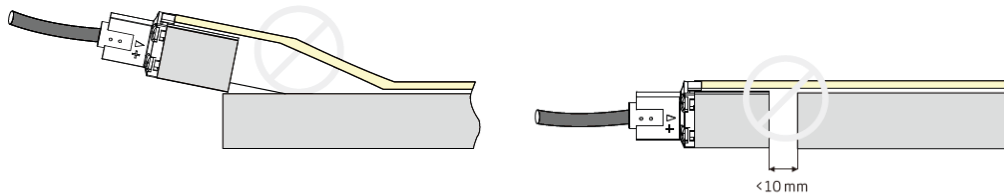
NEON MICRO ARC | HORIZONTAL BENDING | ELECTRICAL AND PHYSICAL INSTALLATION GUIDE

PROFILE INSTALLATION REQUIREMENTS

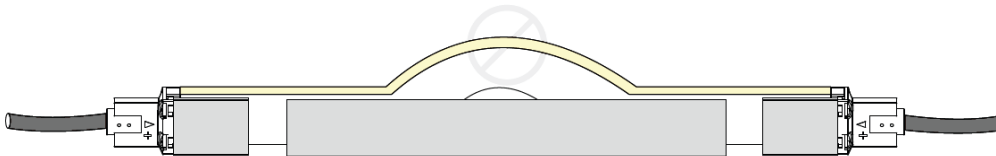
- ✘ – Avoid placing mechanical stress on the front connector cable
- Do not curl or bend the front connector cable with excessive force



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



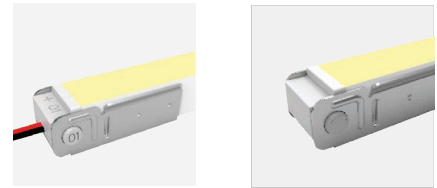
- Install the LED Neon into the profile in one direction, don't let it bow in the middle



NEON MICRO ARC | CONNECTIONS

SWIVEL CONNECTIONS - IP20

FEED CONNECTOR SUPPLIED AS 1M CABLE
DOUBLE POWER FEED: FEED 01 + FEED 02



TOP END FEED

END CAP

01

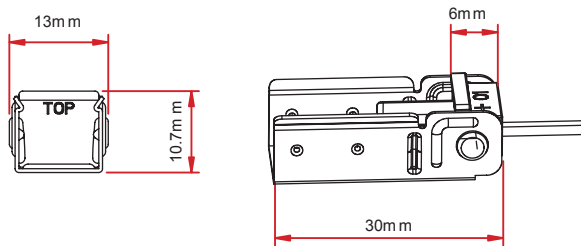
02

BL-LS-4851

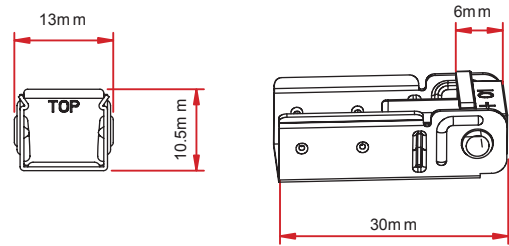
BL-LS-4852

BL-LS-4854

WHITE - VERTICAL & HORIZONTAL BENDING



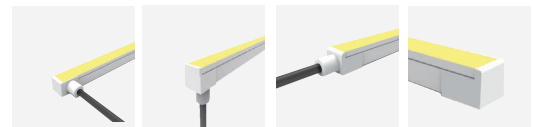
TOP END



END CAP

SLIMLINE INJECTION MOULDING CONNECTIONS - IP67

REQUIRES FITTING AT FACTORY. LEAD TIMES APPLY
FEED CONNECTORS SUPPLIED AS 1M CABLE STANDARD, CHECK FOR ALTERNATE LENGTHS



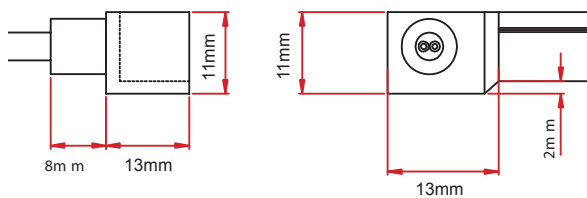
SIDE FEED

BOTTOM FEED

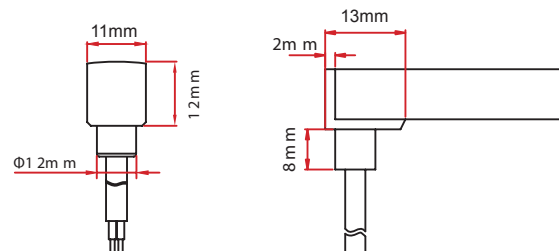
TOP END FEED

END CAP

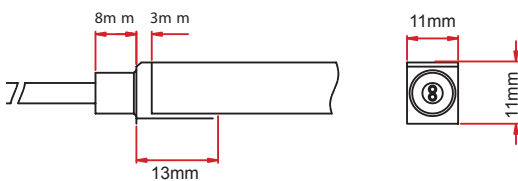
WHITE - VERTICAL & HORIZONTAL BENDING



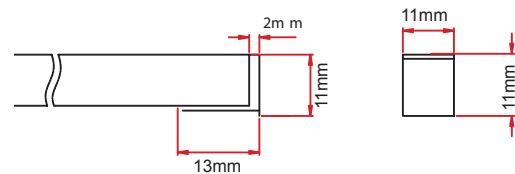
SIDE END



BOTTOM END

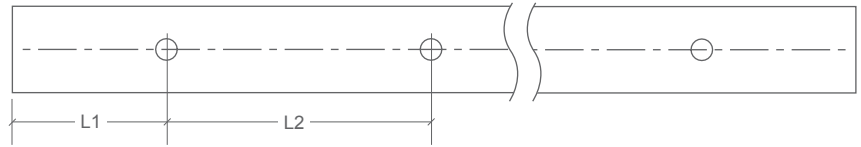


TOP END

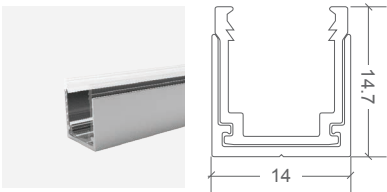


END CAP

NEON MICRO ARC | MOUNTING ACCESSORIES



CODE	ACCESSORY	L1	L2	HOLE DIMENSIONS	HOLE NUMBER
BL-LS-4858	PLASTIC AND ALUMINIUM PROFILE 2M	100mm	200mm	Ø3.5mm	10
BL-LS-4855	PLASTIC AND ALUMINIUM MOUNTING CLIP 35MM	17.5mm	-	Ø3.5mm	1



PLASTIC AND ALUMINIUM
PROFILE 2M / CLIP