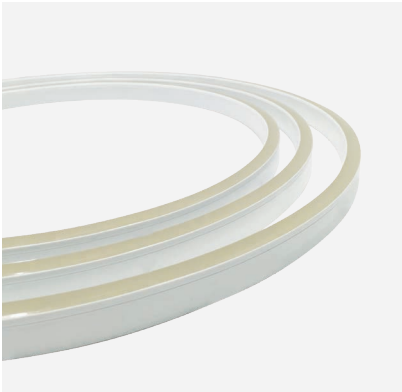
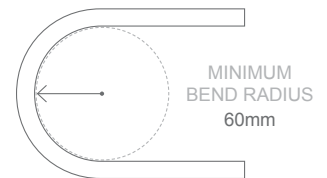
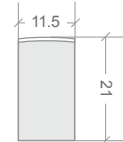
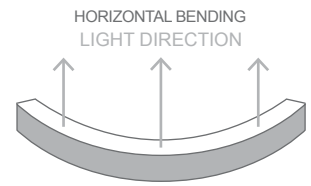


NEON EDGE | ELECTRICAL AND PHYSICAL INSTALLATION GUIDE



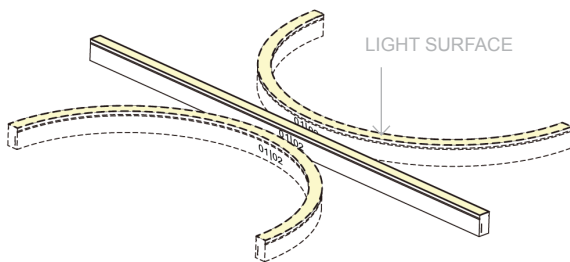
COLOUR	CODE
WARM WHITE 2700 K +/- 145 K	BL-LS-4030-27
WARM WHITE 3000 K +/- 175 K	BL-LS-4030-30
NATURAL WHITE 4000 K +/- 275 K	BL-LS-4030-40
COOL WHITE 5700 K +/- 300 K	BL-LS-4030-57
2500 - 5000K TUNEABLE WHITE	BL-LS-4400
RGB	BL-LS-4100-RGB
RGBW	BL-LS-4150-RGBW
RGB CHASING	BL-LS-4200-RGBC

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

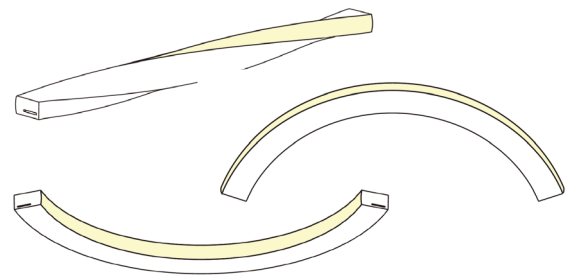


BENDING PARAMETERS

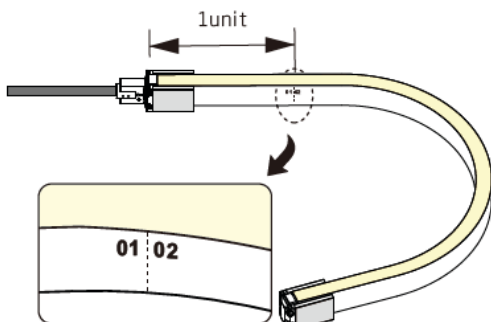
- ✓ NEON EDGE CAN BE CURVED AS SHOWN BELOW



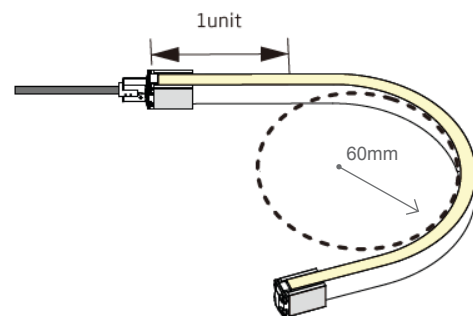
- ✗ DO NOT TWIST THE LIGHT OR BEND AGAINST THE LIGHT SURFACE



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



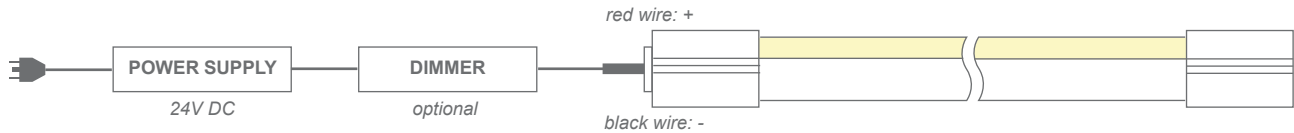
- LED Neon can be bent up to the defined "minimum bend radius" (60mm for Neon Edge)



NEON EDGE | ELECTRICAL AND PHYSICAL INSTALLATION GUIDE

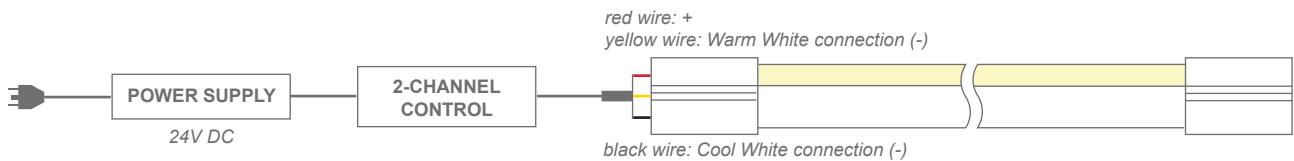
WIRING DIAGRAMS

WHITE



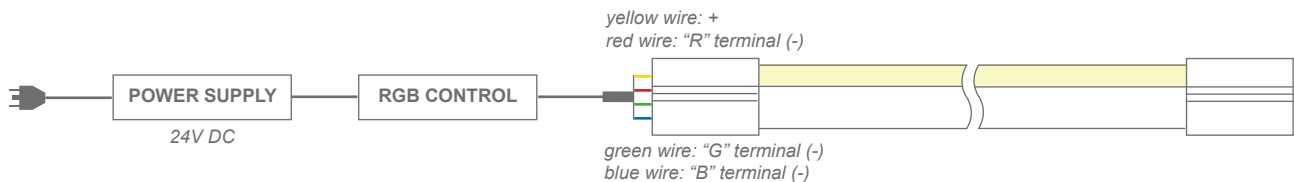
MAX. RUN PER POWER FEED: 10m using one feed, 20m using two feeds

TUNEABLE WHITE



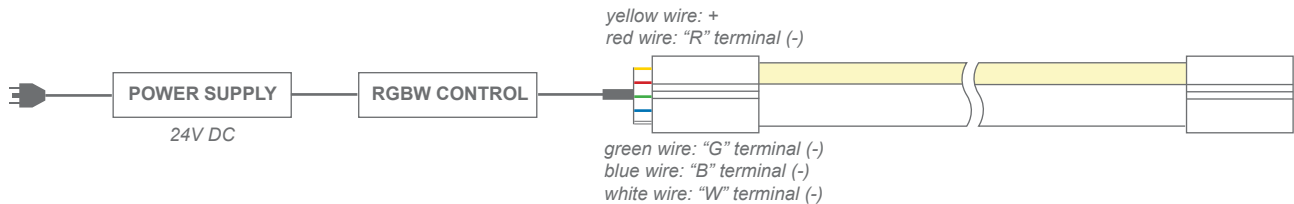
MAX. RUN PER POWER FEED: 10m using one feed, 20m using two feeds

RGB



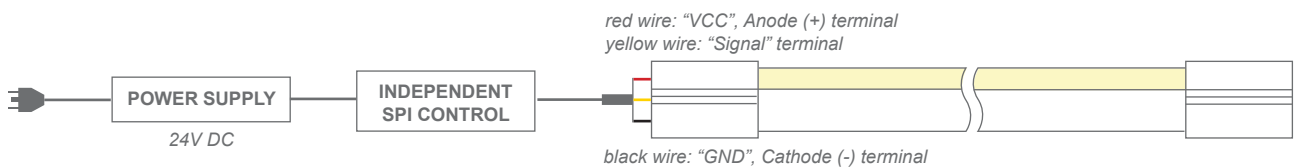
MAX. RUN PER POWER FEED: 7m using one feed, 14m using two feeds (Static full loading) or, 10m using one feed, 20m using two feeds (Dynamic operating)

RGBW



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

DYNAMIC RGB 'CHASING'



DMX OPTION AVAILABLE

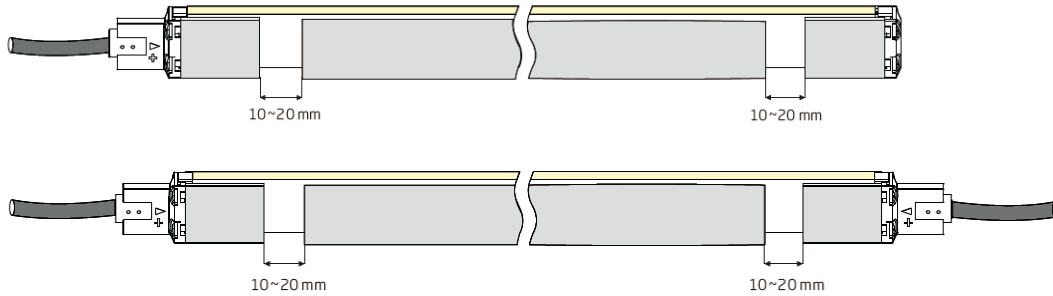
MAX. RUN PER POWER FEED: 10m using one feed, 20m using two feeds (Static full loading) or, 15m using one feed, 30m using two feeds (Dynamic operating)

- LED Neon must always be used in conjunction with a certified 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.

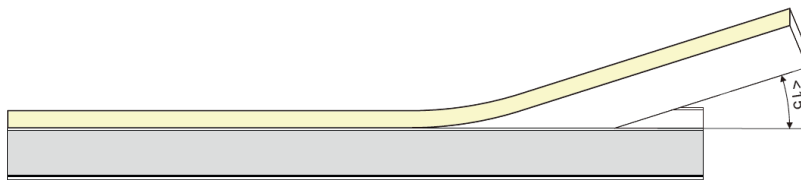
NEON EDGE | ELECTRICAL AND PHYSICAL INSTALLATION GUIDE

PROFILE INSTALLATION REQUIREMENTS

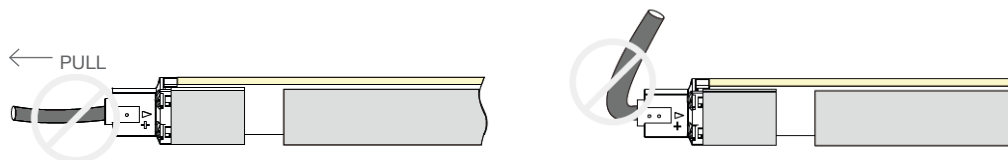
- ✔ - Ensure the supply cord is not subject to mechanical stress
- Keep 10–20mm distance between the end of the profile and the end mounting piece



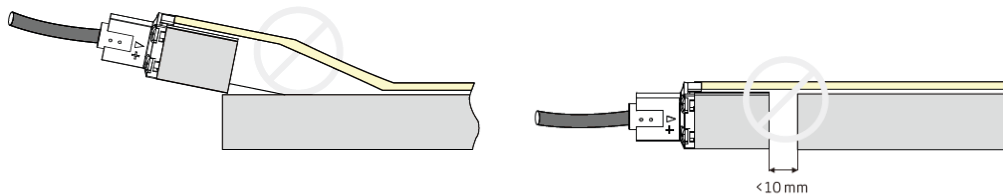
- The bend angle should be less than 15 degrees when installing LED Neon into the profile by hand



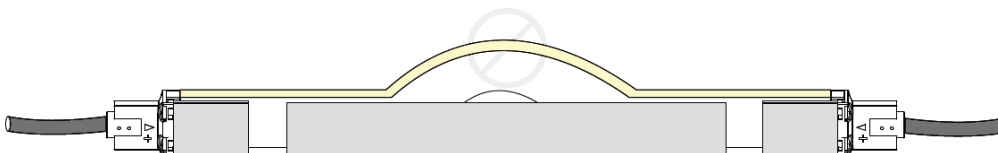
- ✘ - Avoid placing mechanical stress on the front connector cable
- Do not curl or bend the front connector cable with excessive force



- 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



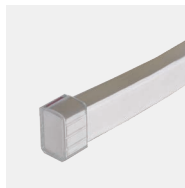
NEON EDGE | CONNECTIONS

SLEEVE CONNECTIONS - IP40

FEED CONNECTORS SUPPLIED AS 1M CABLE STANDARD, CHECK FOR ALTERNATE LENGTHS
INSTALLATION WITH DOUBLE POWER FEED:
FEED 01 + FEED 02



TOP END FEED



END CAP

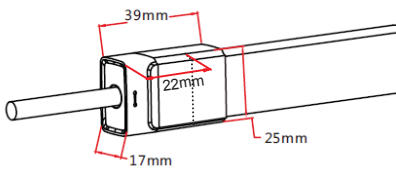


INLINE CONNECTOR

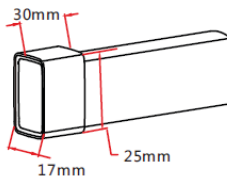


FLEXIBLE CONNECTOR

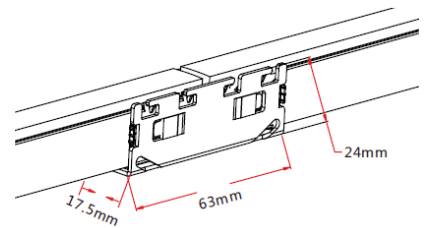
	01	02			
WHITE	BL-LS-4011	BL-LS-4012	BL-LS-4002	BL-LS-4010	BL-LS-4013
TUNEABLE	BL-LS-4405	BL-LS-4406	BL-LS-4002	BL-LS-4404	BL-LS-4407
RGB	BL-LS-4105	BL-LS-4106	BL-LS-4002	BL-LS-4104	BL-LS-4107
RGB CHASING	BL-LS-4205	BL-LS-4206	BL-LS-4002	BL-LS-4204	BL-LS-4207
RGBW	-	-	-	-	-



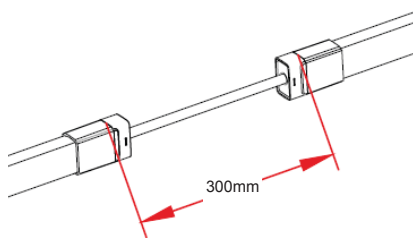
TOP END FEED



END CAP



INLINE CONNECTOR



FLEXIBLE CONNECTOR

NEON EDGE | CONNECTIONS

SNAP CONNECTIONS - IP67

SUITABLE FOR OUTDOOR APPLICATIONS
MUST BE FITTED CORRECTLY FOR IP67 RATING
FEED CONNECTORS SUPPLIED AS 1M CABLE
STANDARD, CHECK FOR ALTERNATE LENGTHS
STANDARD INSTALLATION WITH SINGLE POWER
FEED:
FEED 01 + END CAP 02 OR FEED 02 + END CAP 01
DOUBLE POWER FEED: FEED 01 + FEED 02



TOP END FEED

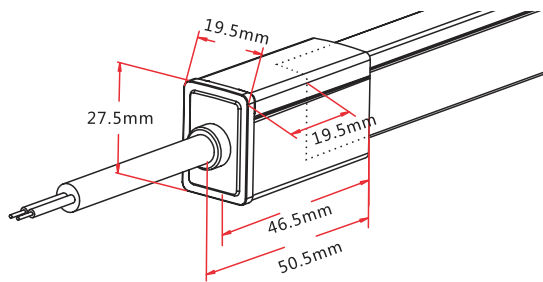


END CAP

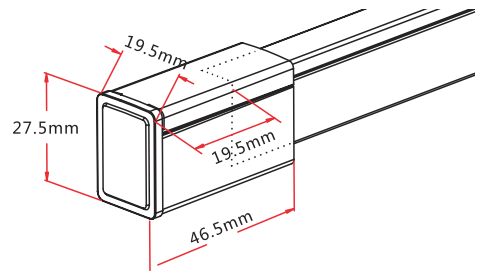


FLEXIBLE
CONNECTOR

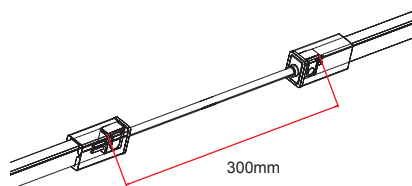
	01	02	01	02	
WHITE	BL-LS-4014	BL-LS-4015	BL-LS-4026	BL-LS-4027	BL-LS-4016
TUNEABLE	BL-LS-4017	BL-LS-4018	BL-LS-4026	BL-LS-4027	BL-LS-4019
RGB	BL-LS-4020	BL-LS-4021	BL-LS-4026	BL-LS-4027	BL-LS-4022
RGB CHASING	BL-LS-4023	BL-LS-4024	BL-LS-4026	BL-LS-4027	BL-LS-4025
RGBW					



TOP END FEED



END CAP



FLEXIBLE CONNECTOR

NEON EDGE | CONNECTIONS

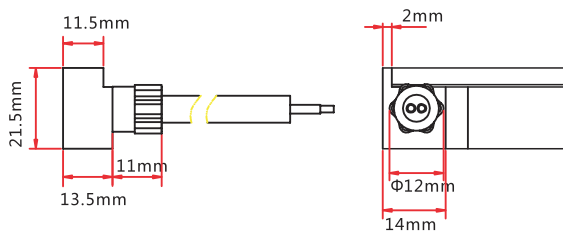
SLIMLINE INJECTION MOULDING CONNECTIONS - IP67

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

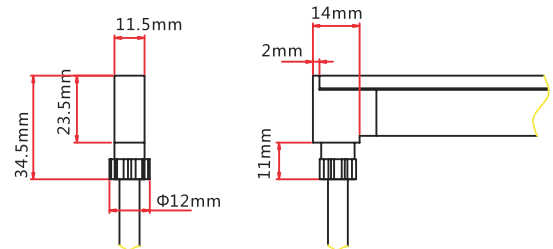


SIDE FEED BOTTOM FEED TOP END FEED MIDDLE FEED END CAP FLEXIBLE CONNECTOR T FEED

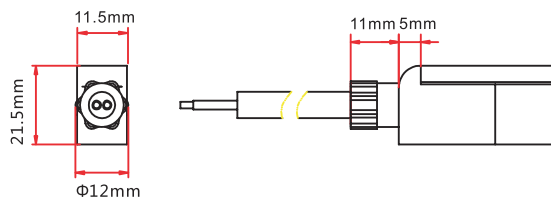
WHITE	●	●	●	●	●	●	●
TUNEABLE	●	●	●	●	●	●	●
RGB	●	●	●	●	●	●	●
RGB CHASING	●	●	●	-	●	●	●
RGBW	●	●	●	-	●	●	●



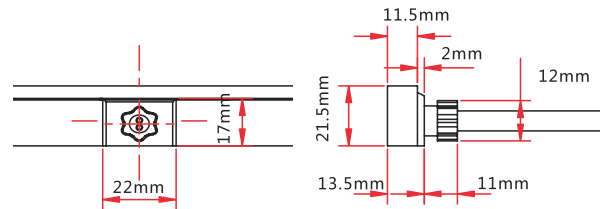
SIDE FEED



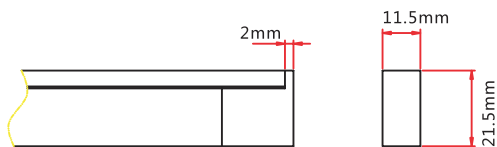
BOTTOM FEED



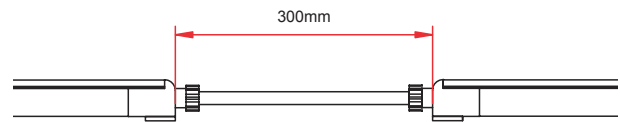
TOP END FEED



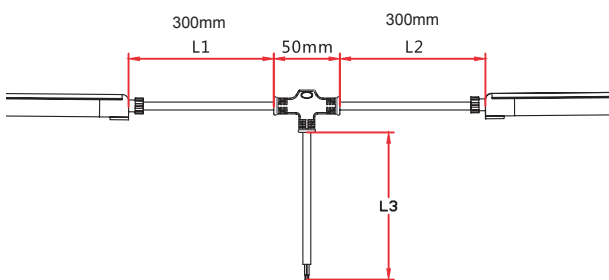
MIDDLE FEED



END CAP



FLEXIBLE CONNECTOR



T-FEED

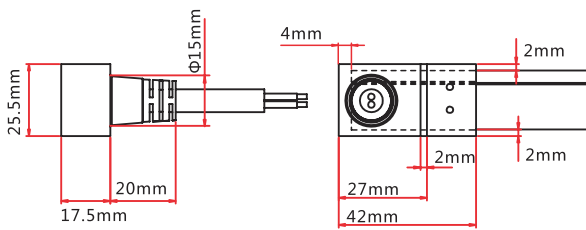
NEON EDGE | CONNECTIONS

CAPPED DUAL INJECTION MOULDING - IP68

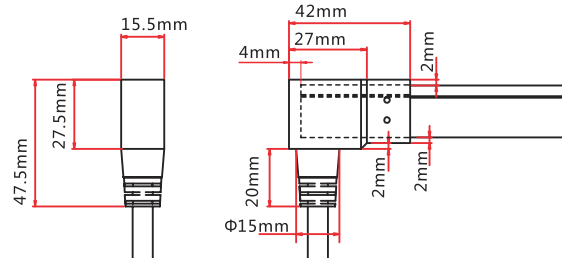
REQUIRES FITTING AT FACTORY. LEAD TIMES APPLY
SUITABLE FOR OUTDOOR APPLICATIONS
FEED CONNECTORS SUPPLIED AS 1M CABLE
STANDARD, CHECK FOR ALTERNATE LENGTHS



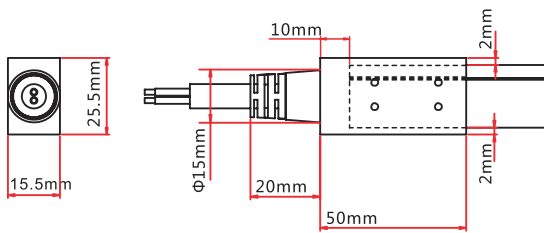
	SIDE FEED	BOTTOM FEED	TOP END FEED	END CAP	FLEXIBLE CONNECTOR
WHITE	●	●	●	●	●
TUNEABLE	●	●	●	●	●
RGB	●	●	●	●	●
RGB CHASING	●	●	●	●	●
RGBW	●	●	●	●	●



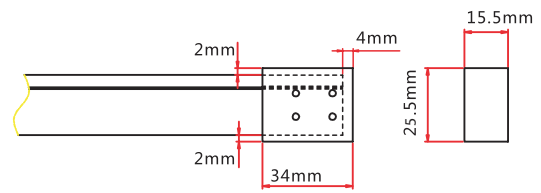
SIDE FEED



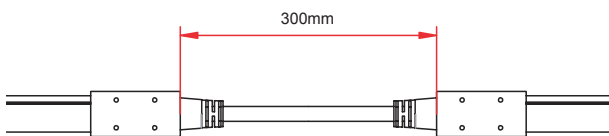
BOTTOM FEED



TOP END FEED

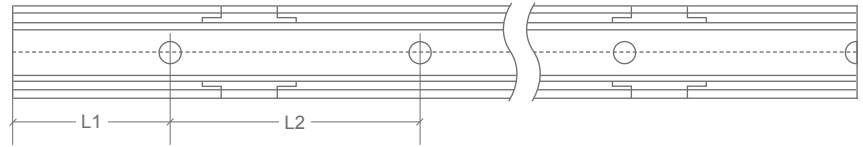


END CAP

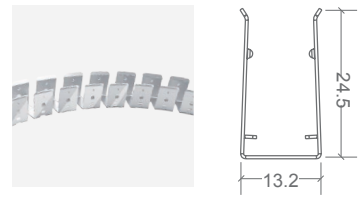
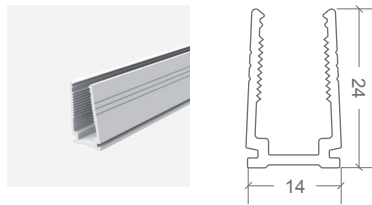
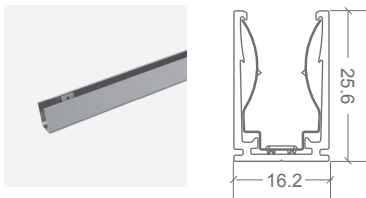


FLEXIBLE CONNECTOR

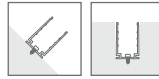
NEON EDGE | MOUNTING ACCESSORIES



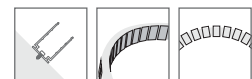
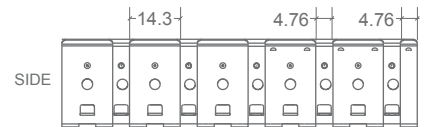
CODE	ACCESSORY	L1	L2	HOLE DIMENSIONS	HOLE NUMBER
BL-LS-4003	SELF-LOCKING ALUMINIUM V2 PROFILE 2m	100mm	200mm	Ø3.5mm	10
BL-LS-4004	SELF-LOCKING ALUMINIUM V2 MOUNTING CLIP 35mm	5mm	25mm	Ø3.5mm	2
BL-LS-4005	PLASTIC PROFILE 2m	100mm	200mm	Ø3.5mm	10
BL-LS-4006	PLASTIC PROFILE 1m	100mm	200mm	Ø3.5mm	5
BL-LS-4028	CURVE STAINLESS STEEL PROFILE 900MM MULTIPLE FIXING LOCATIONS	-	-	-	-



SELF-LOCKING ALUMINIUM
V2 MOUNTING CLIP



PLASTIC PROFILE 2M



CURVE STAINLESS STEEL
PROFILE 900MM