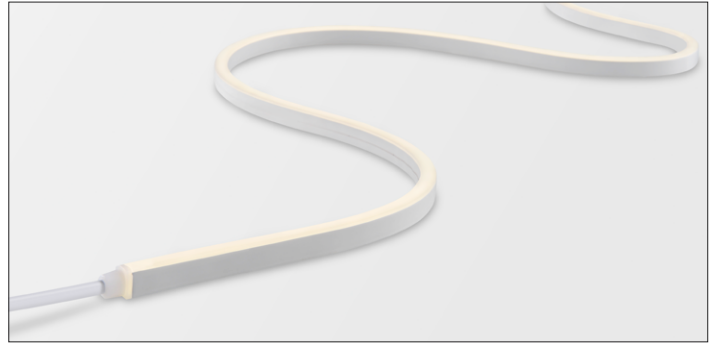# FEELUX

FLXible Neon 1 Dual

DATE	PROJECT	LOCATION	TYPE

PRODUCT FEATURES

- Seamless Spot Free Illumination
- UV-resistant Silicon material
- Close Pitch LEDs
- Side/Horizontal Bend
- Control with FDD-L20, 0-10V
- Indoor and Outdoor Application
- Tunable color range 22K-40K

PRODUCT SPECIFICATIONS

Lamp Power	17.9 W/M (5.4 W/ft)
Power Input	24V DC Constant Voltage
Color Rendering Index	CRI >90
Available CCTs	SC(2200K~4000K)
Operating Temperature Ranges	-4°F to 122°F (-20°C to 50°C)
Control	FDD-L20, 0-10V
Material	Silicone
Beam Angle	130°
Maximum Length	5,000mm (16.4')
Minimum Length	50mm (1.97")
Bend Diameter	100mm (3.93")
Lamp life	50,000hr / 70%
Warranty	5 year Warranty
IP Rate	IP67 with Factory Termination
	IP65 with Field Termination

SPECIFICATIONS TABLE

Model Name	Color Temperature	Lamp Power	Luminous Flux	Lumen/W
FN1 SC-24V-C90	2200K~4000K	17.9 W/M (5.4 W/ft)	178 lm/ft	33 lm/W

PHYSICAL SPECIFICATIONS

130°

12mm(0.47")

8mm(0.31")

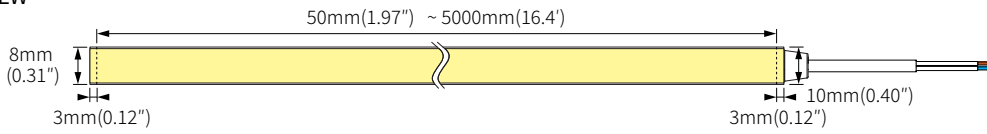Light Source

ø 100mm(3.93")

Bending Diameter
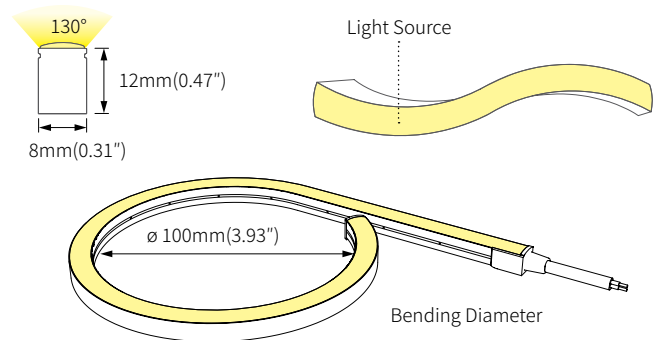
SPECIFICATION GUIDE

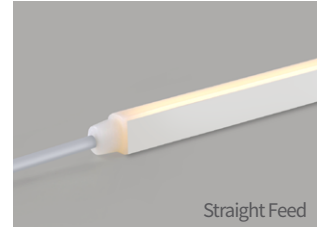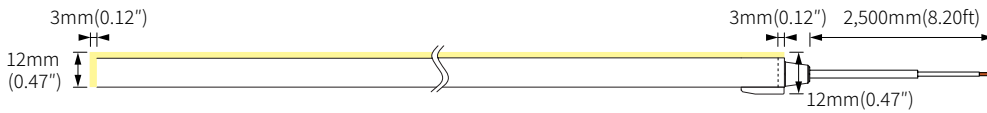NOT TO BE USED FOR ORDERING. The Specification Guide is intended solely to ensure that all options are considered.

MODEL	COLOR		FEED TYPE	MOUNTING	EXTRUSION	DRIVER	CONTROLS	VOLTAGE
FN1		C90					FDD-L20	
FN1	**SC**-22K-40K		STD - Straight Feed	STD - Flat Brackets	EXL- 4' Extrusion	CP - Cable/Plug	0-10V	120V
			LS - Left Side Feed	BK2 - 15°/ 40° Brackets	EXL-FLEX - 3.3' Flexible Extrusion	HW - Hard Wire		230V
						TD - 3rd Party Drivers Consult Factory		277V

DIMENSIONS

TOP VIEW

50mm(1.97")   ~ 5000mm(16.4')
8mm (0.31")
10mm(0.40")
3mm(0.12")
3mm(0.12")

SIDE VIEW

3mm(0.12")
3mm(0.12")   2,500mm(8.20ft)
12mm (0.47")
12mm(0.47")

Straight Feed

BOTTOM VIEW

50mm(1.97")
8mm(0.31")
3mm(0.12")   Cutting Point
ø 6mm(0.24")

TOP VIEW

50mm(1.97")   ~ 5000mm(16.4')
8mm (0.31")
10mm(0.39")
3mm(0.12")
3mm(0.12")
2,500mm (8.20ft)

SIDE VIEW

3mm(0.12")
12mm (0.47")

Left Side Feed

BOTTOM VIEW

3mm(0.12")
50mm(1.97")
ø 6mm(0.24")
8mm(0.31")
Cutting Point

FN1-EXL

1,200mm
100mm
200mm
100mm
13.57mm
10.9mm

FN1-EXL-FLEX

1,000mm
8.8mm
56.2mm
60x14mm
56.2mm
8.8mm
60mm
5mm
25mm
17.5mm
960mm
17.5mm
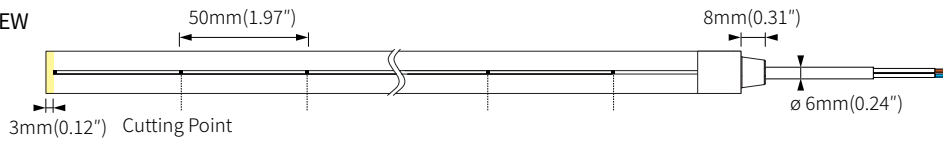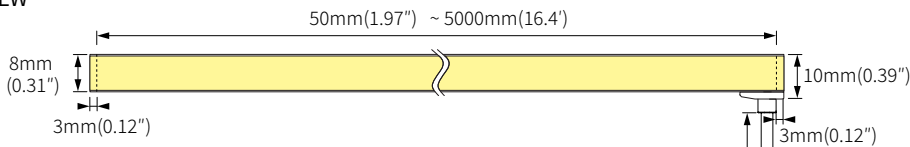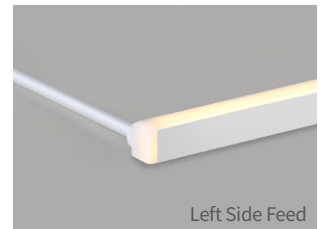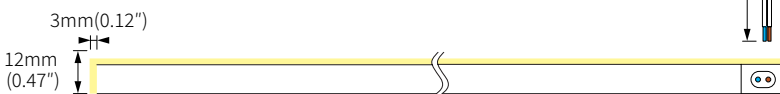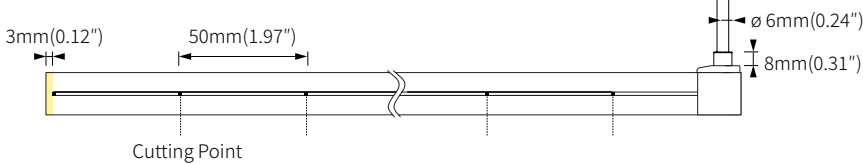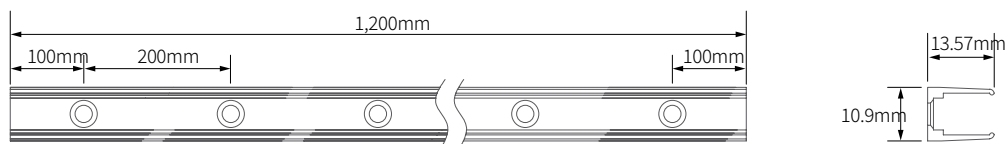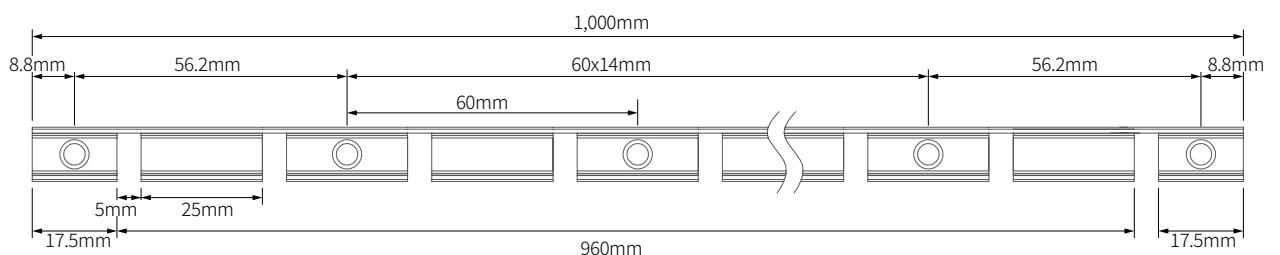
BEEM SPREADS
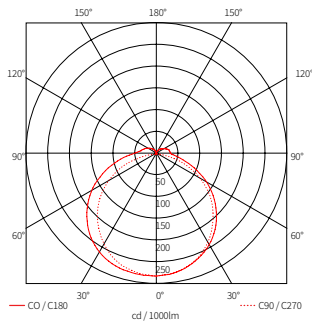
FN1 SC-24V-1M
33 lm/W
592 lm

INSTALLATION - Bracket

* Bracket Installation for 25cm(9.84") is recommended
Additional Brackets can be used, if necessary
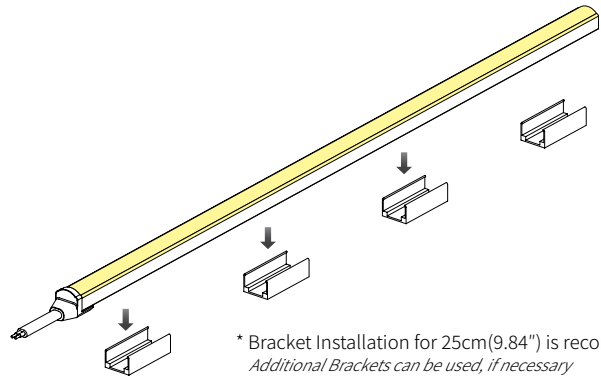
INSTALLATION - Field Termination (IP65)

* Components

FN1-FTKIT
- Field Termination
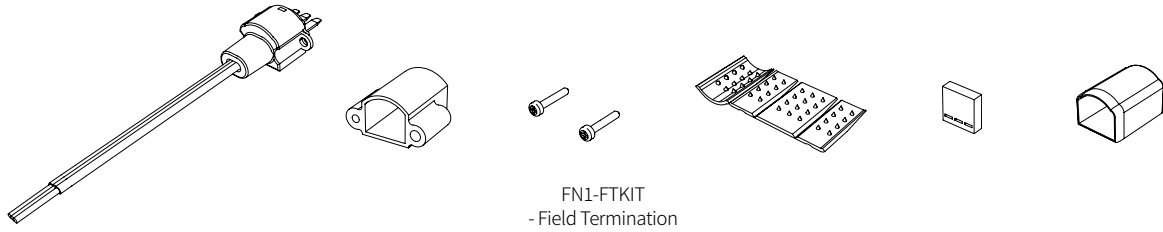
* Expanded View
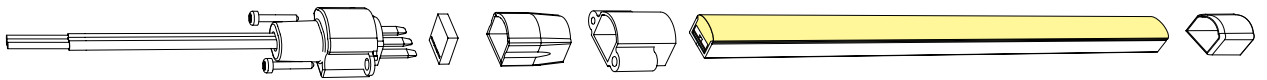
COMPONENTS

FLXible Neon 1-Straight Feed
_FN1 SC-24V-C90-5M(16.4')
_FN1 SC-24V-C90-4M(13.1')
_FN1 SC-24V-C90-3M(9.8')
_FN1 SC-24V-C90-2M(6.6')
_FN1 SC-24V-C90-1M(3.3')

FLXible Neon 1-Left Side Feed
_FN1 SC-24V-C90-LS-5M(16.4')
_FN1 SC-24V-C90-LS-4M(13.1')
_FN1 SC-24V-C90-LS-3M(9.8')
_FN1 SC-24V-C90-LS-2M(6.6')
_FN1 SC-24V-C90-LS-1M(3.3')

Mounting Brackets
__FN1-BRACKET1

FN1 Extrusion Line
__FN1-EXL (4')

FN2 Flexible Extrusion Line
__FN1-EXL-FLEX (3.28')

Expanding Stick
__FN-EPS

Field Termination
__FN1-FTKIT-DUAL

Angled Brackets
Angled 15°/ 40°
__FN1-BRACKET2
Optional

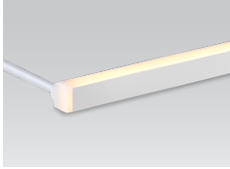### Control Interface required
__FDD-L20
Max. 200W (100W/CH, 2CH)

12 Port Hub
__D12P-HUB
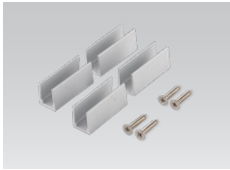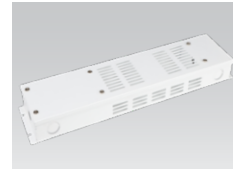Included with Cord and Plug drivers. Order separately for Hard Wire or 3rd Party Drivers

LED Drivers
__ FLC30-24V/XL (30W)
__ FLC75-24V/XL (75W)
With distributor and power cord 1800mm (6')

Driver Junction Box
__ MHWB-FLE
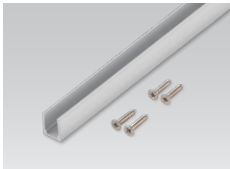
Hard Wire Driver
__ XLD200−224V−FCL−DIM (0−10V)
__ XLD75−124V−FC (90V to 300V)

Hard Wire Driver
__FLE60-24V-L10-DIM (Linear)
__FLE90-24V-L10-DIM (Linear)

A larger selection of drivers are available including remote and hard wire drivers. Please consult factory.

FLC30, FLC75 and XLD75 require the FDD-L20 for Dim to Warm/Tunable White

Individual Packaging includes 1 reel, bracket(4 pcs), screw(4 pcs), and end cap(1 pc)