FEELUX

Dim to Warm/Tunable White

PRODUCT FEATURES

· Seamless Spot Free Illumination
· Ultra Slim
· Close Pitch LEDs
· Bend Direction Horizontally / Vertically
· Dimmable
· Indoor and Outdoor Application
· Dim to Warm − 22K−30K
· Tunable color range 22K−40K
· Field Cut − 1.97"
· Pair with FDD−L20 for Dim to Warm/Tune Feature
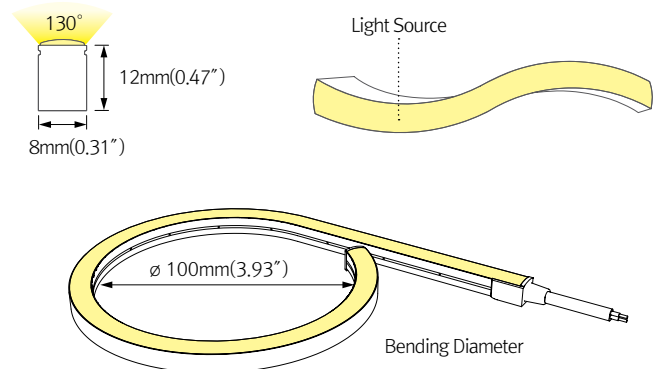
PRODUCT SPECIFICATIONS

IP Rate	IP67 with Factory Termination (Customized Length Available)
	IP65 with Field Termination
Lamp Power	5.9W/ft
Power Input	24V DC
Color Rendering	Ra〉80
Operating Temperature Ranges	50℉ to 122℉ (−10℃ to 50℃)
Maximum Length	16.4ft (5,000mm)
Minimum Length	1.97in (50mm)
Minimum Bending Diameter	3.93in (100mm)
Beam Angle	130˚
Material	PVC

SPECIFICATIONS TABLE

Model Name	Power Input	Lamp Power	Luminous Flux (Full Brightness)	Color Temperature
FN1 SC−24V−1M	DC 24V	19.2 W	505 lm	2,200K~4,000K

PHYSICAL SPECIFICATIONS

130˚
12mm(0.47″)
8mm(0.31″)

Light Source

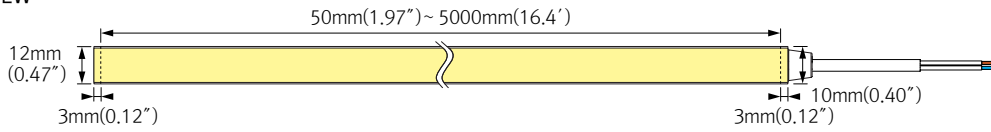ø 100mm(3.93″)
Bending Diameter

SPECIFICATION GUIDE

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

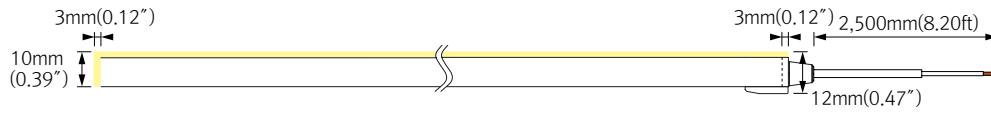| MODEL	COLOR	FEED TYPE	MOUNTING	DRIVER		VOLTAGE
FN1						
FN1	SC− 22K−40K	STD − Straight Feed LS − Left Side Feed BS − Bottom Feed*	STD − Flat Brackets EXL − 4' Extrusion*	**NDM** Non−Dim **FDC** 0−10 Interface	**FDH** Forward Phase **RDH** Reverse Phase	**120V** **240V** **277V**

* Available, As Special Order Consult Feelux Lighting

DIMENSIONS

TOP VIEW
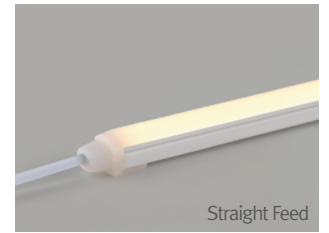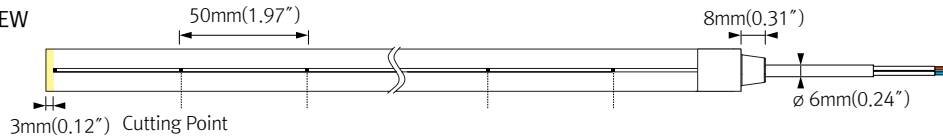
12mm (0.47")
50mm(1.97") ~ 5000mm(16.4´)
3mm(0.12")
10mm(0.40")
3mm(0.12")

SIDE VIEW

3mm(0.12")
10mm (0.39")
3mm(0.12") 2,500mm(8.20ft)
12mm(0.47")

BOTTOM VIEW

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

Straight Feed

TOP VIEW

12mm (0.47")
50mm(1.97") ~ 5000mm(16.4´)
3mm(0.12")
14mm(0.55")
3mm(0.12")
2,500mm (8.20ft)

SIDE VIEW

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

BOTTOM VIEW

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

Left Side Feed

TOP VIEW

12mm (0.47")
50mm(1.97") ~ 5000mm(16.4´)
3mm(0.12")
3mm(0.12")

SIDE VIEW

3mm(0.12")
12mm (0.47")
12mm(0.47")
8mm(0.31")
ø 6mm(0.24")
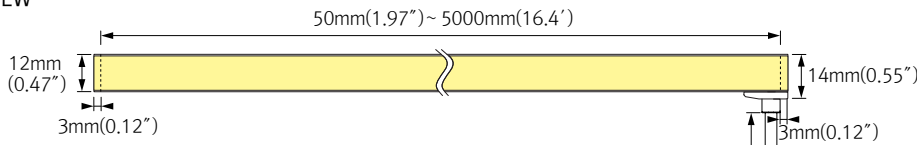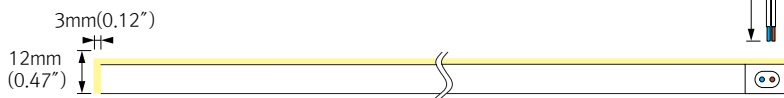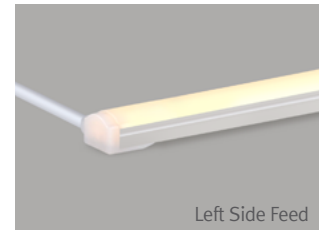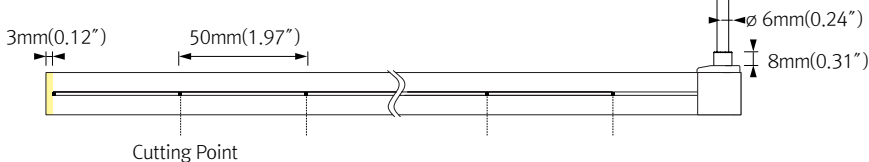
BOTTOM VIEW
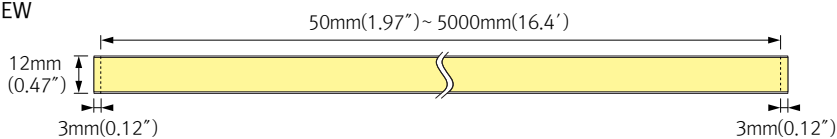
50mm(1.97")
3mm(0.12") Cutting Point
3mm(0.12")
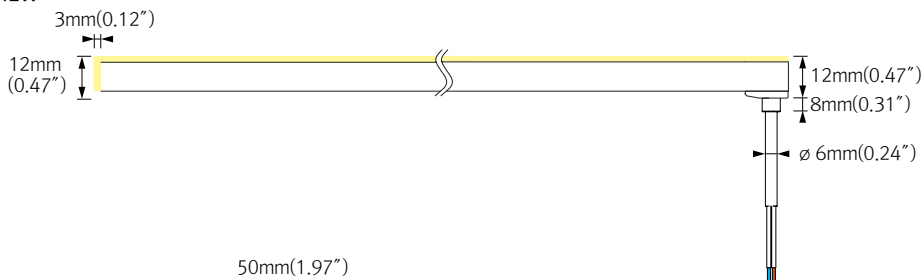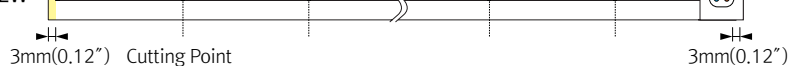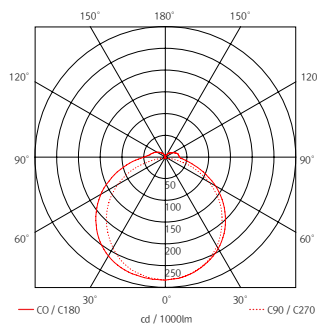
Bottom Feed
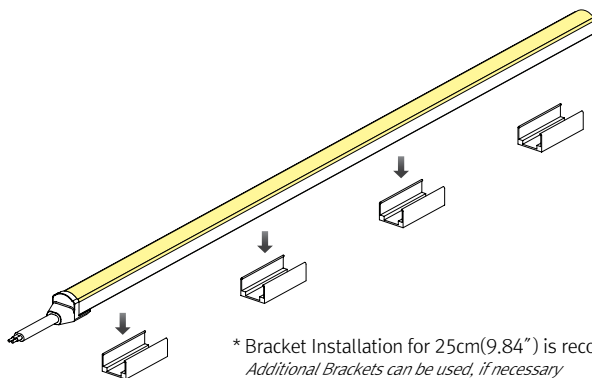
FLXible Neon can be cut every 50mm (1.97").
Please follow the cutting point mark to cut precisely as needed.
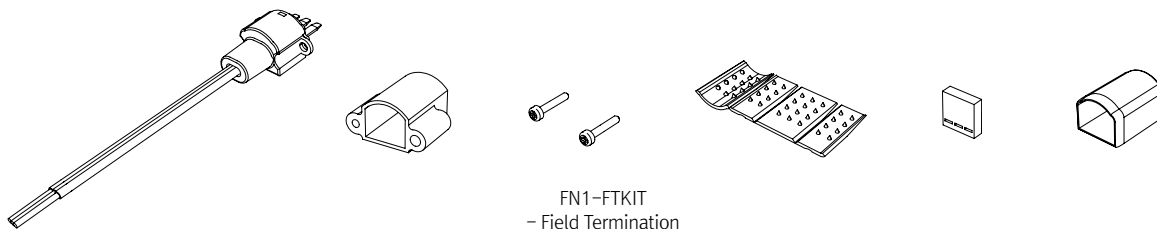
BEAM SPREADS

FN1 SC-24V-1M
45.2 lm/W
867 lm

INSTALLATION – Bracket

* Bracket Installation for 25cm (9.84″) is recommended
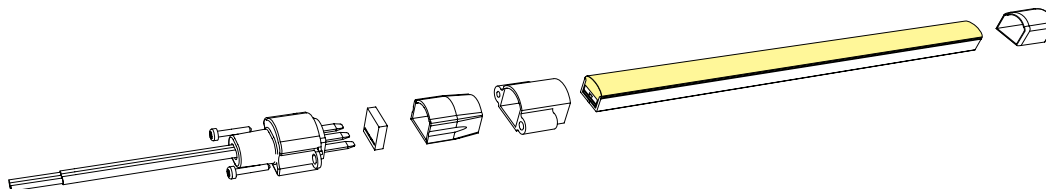*Additional Brackets can be used, if necessary*

INSTALLATION – Field Termination (IP65)

* Components

FN1-FTKIT
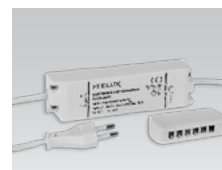– Field Termination

* Expanded View

COMPONENTS

FLXible Neon 1
__FN1-SC-24V-5m (16.4′)
__FN1-SC-24V-4m (13.1′)
__FN1-SC-24V-3m (9.8′)
__FN1-SC-24V-2m (6.6′)
__FN1-SC-24V-1m (3.3′)

Mounting Brackets
__FN1-BRACKET1

FN2 Extrusion Line
__FN1-EXL (4′)

Expanding Stick
__FN-EPS

Field Termination
IP65
FN1-FTKIT-DUAL

Dimming Interface
Max. 100W (100W/CH, 1CH)
0 –10V Signal
__ FDC-L10

LED Drivers
With distributor and power
cord 1800mm (6′)
___ FLC30-24V/XL
___ FLC75-24V/XL

Hard Wire Driver
(90V to 300V)
__XLAV80(L)-124V-SSB
__XLD200-224V-FCL-DIM
__XLD75-124V-FC

Control Interface
Max. 200W (100W/CH 2 CH
Required for Dim to Warm
Required for Tunable White
FDD-L20

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