digiopto
TECHNOLOGIES PVT. LTD.

NEON-FLEX 0410

IP 65 | DIMMABLE | UV RESISTANT | LONG LIFESPAN

CRI 80-85 | 180° BEAM ANGLE | LED

FEATURES

❖ High Quality Bin Chip Selection

❖ Dot-free linear illumination

❖ Fabricated with Eco-friendly, UV-resistant

❖ silicone material

❖ SMD LED technology

❖ Low voltage, safe and reliable

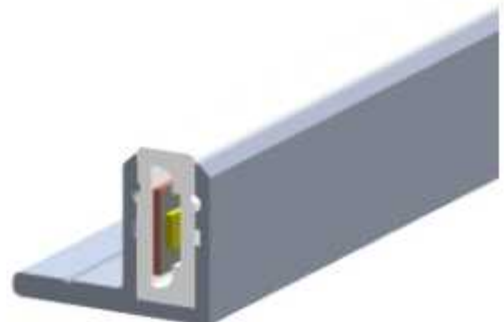❖ High quality at a lifetime of >30000 hrs

COLORS AVAILABLE

2200K / 2700K / 3000K / 3500K / 4000K / 5000K / 6500K / 8000K /10000K

RED	GREEN	BLUE
PINK	ICE BLUE	ORANGE
YELLOW	AMBER	FLAME

APPLICATIONS

❖ Hospitality

❖ Architectural

❖ Retail

❖ Commercial

❖ Decorative

❖ General Lighting and Signages

PROFILE

Neo

TECHNICAL DETAILS

| Product no.	Color	Nominal voltage	LED quantity	Rated wattage	Color rendering	Luminous flux	Luminous efficacy
NF0410-144-12-22	2200K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-27	2700K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-30	3000K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-35	3500K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-40	4000K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-50	5000K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-57	5700K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-65	6500K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-80	8000K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-10	10000K	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-A	AMBER	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-R	RED	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-G	GREEN	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-B	BLUE	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-P	PINK	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-IC	ICE BLUE	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-O	ORANGE	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-F	FLAME	12V DC	144 LED/m	7.2 W/m	Ra80+		
NF0410-144-12-Y	YELLOW	12V DC	144 LED/m	7.2 W/m	Ra80+		

SPECIFICATIONS

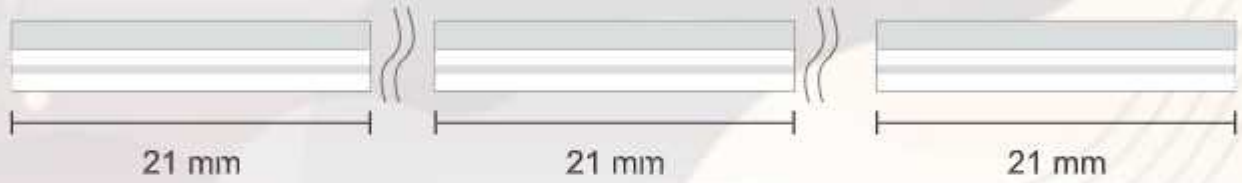| Operating temp	Cuttable Length	Width (mm)	Thickness (mm)	Maximum length (m)	Beam Angle	Tc max	Ingress Protection	Material
-35°C~50°C	50 mm	8 mm	2 mm	5 m/reel	120°	<75°C	IP 65	Silicone

(* Conditions Apply)

3 Year Warranty *

Standard Configuration **

DIMENSIONS

3.8mm

10 mm

4mm

10 mm

4 mm

CUTTING MARK

21 mm

21 mm

21 mm
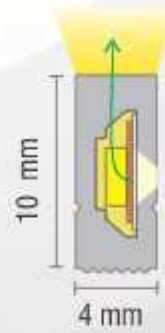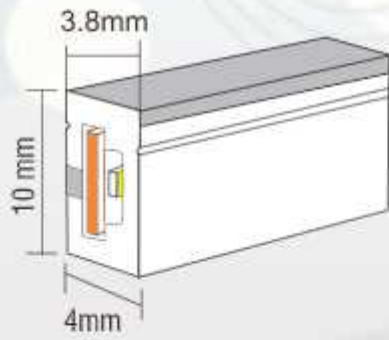
ACCESSORIES

End cap with hole	End cap no hole	Aluminum Clip	Front Cap	Pin	Inter Connector	Screws	Glue
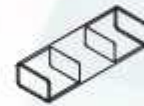
MOUNTING

Installation Daigram

PHOTOMETRIC DRAWING
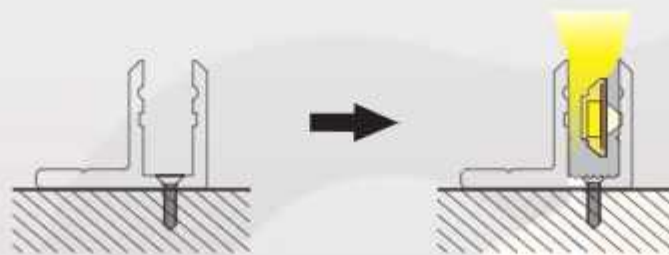

```
              -/+180
        -150          150

   -120                    120


-90                            90

               20
               40

   -60         60              60
                          UNIT:cd
               80         C0/180,237.5
                          C90/270,112.8
        -30  100      30

               0
   AVERAGE BEAM ANGLE(50%):175.2 DEG
```
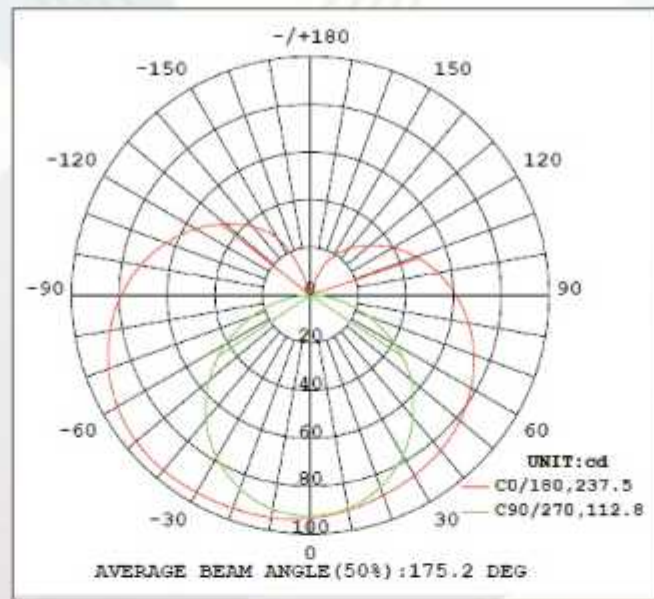
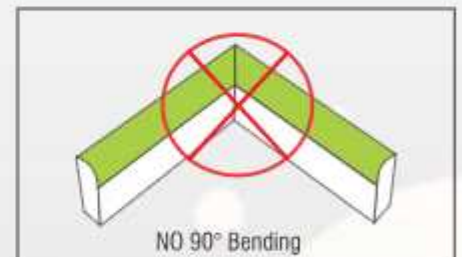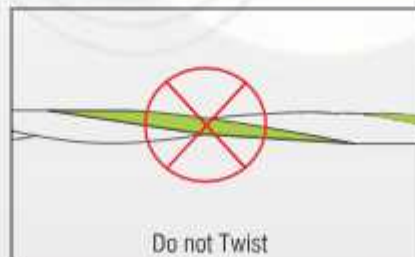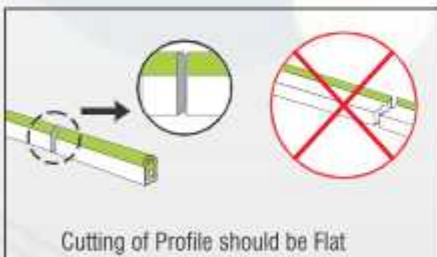## PRECAUTIONS

1.] All installation and connection must be conducted by professional electrician.

2.] 24VDC Class 2 Power Supply must be used with this light. Make sure to use appropriate PSU.

3.] Ensure the overall length of the Style NeonFlex does not exceed the maximum run length as 15m-one end powered; 30m- two ends powered.

4.] Disconnect power before installing or servicing to avoid electrical shock.

5.] For wet location installations, seal all possible water entry points and covers using by silicone. Failure to do so may result in product defective.

WARNING !
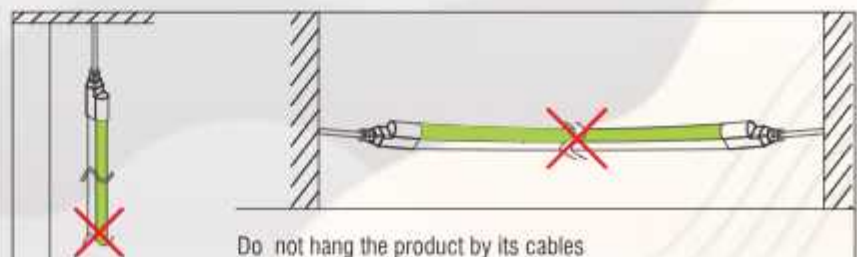
Cutting of Profile should be Flat

Do not Twist

NO 90° Bending

Minimum bending diameter 4.75 inches

Light Surface

Minimum bend Radius is 2.5 inches

Precaution to take while installing

Do not hang the product by its cables

> All product names, trademarks and registered trademarks are property of their respective owners.

Roll the NeonFlex
on a Reel

Insert the Reel in
the Polybag & Label it

Insert the   Ploybag
in the Master Carton

Seal & Label the
Master Carton

Product no.	Net Weight (gm)	Gross Weight (gm)	Carton Size (mm)	Packaging Unit (mm)
NEON FLEX	0.67 gm	0.88 gm	255x165x190 mm	Shipping Carton Box 20 nos

DISCLAIMER :-

Subject to change without notice. Errors and omission excepted. Always make sure to use updated version.

All product names, trademarks and registered trademarks are property of their respective owners.