

# LED NEON FLEX

---





RED

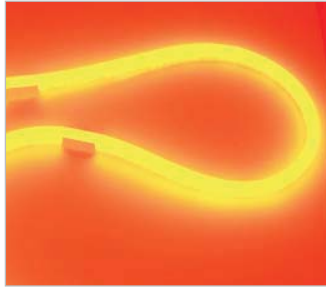


YELLOW



ORANGE

LED Neon Flex 220V - 90 ft. max  
(red, yellow & orange)



W 0.5" x H 1.1"

220~			max length 90ft	Red Yellow Orange	LP-NF-R LP-NF-Y LP-NF-O
			.5" LED spacing		
cutting unit 30"	1.44W per ft.	216W total			
60 LEDs per unit	2160 total LEDs	(R,Y,O) 1.44W/ft.	lamp < 50K hrs	Note: maximum loading length 96ft (with 1.6A converter) 240ft (with 4.0A converter)	



GREEN

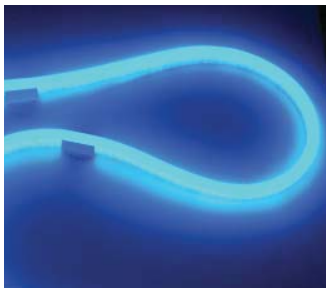


BLUE



WHITE

LED Neon Flex 220V - 90 ft. max  
(green, blue & white)



W 0.5" x H 1.1"

220~			max length 90ft	Green Blue White	LP-NF-G LP-NF-B LP-NF-W
			.5" LED spacing		
cutting unit 18"	2.0W per ft.	300W total			
36 LEDs per unit	2160 total LEDs	(G,B,W) 2.4W/ft.	lamp < 50K hrs	Note: maximum loading length 96ft (with 1.6A converter) 240ft (with 4.0A converter)	



RED



YELLOW



ORANGE

LED Neon Flex 12V - 50 ft. max  
(red, yellow & orange)



W 0.5" x H 1.1"

12~			max length 50ft	Red Yellow Orange	LP-NF-12R LP-NF-12Y LP-NF-12RO
cutting unit 4"	2.16W per ft.	64.8W total		Note:	
8 LEDs per unit	1200 total LEDs	(R,Y,O) 1.44W/ft.	lamp < 50K hrs	maximum loading length 16ft (with 1.6A converter)	



GREEN

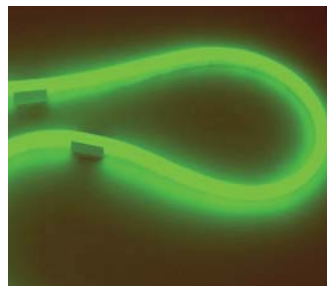


BLUE



WHITE

LED Neon Flex 12V - 30 ft. max  
(green, blue & white)



W 0.5" x H 1.1"

12~			max length 30ft	Green Blue White	LP-NF-12G LP-NF-12B LP-NF-12W
cutting unit 3"	2.4W per ft.	72W total		Note:	
6 LEDs per unit	720 total LEDs	(G,B,W) 2.4W/ft.	lamp < 50K hrs	maximum loading length 40ft (with 4.0A converter)	

# Installation

The LED NEON FLEX is a versatile and user-friendly lighting device. It can be cut, bent, formed in the field and easily installed on any flat surface. NEON FLEX easily connects to a 220V or 12V power supply.

1. It is recommended to mark centerlines or draw the outline of your pattern on the surface of your desired positions.
2. Secure mounting clips on the centerlines at appropriate intervals with screws. If there are curves, secure a mounting clip to the ends of the curve.
3. Insert the LED housing into the mounting clips with the lighting parts upward.
4. Connect each part together.

## 1. cutting marks



LP-NF must be cut only on the indicated marks.

## 2. linear installation



aluminum channel in 2' sections LP-NF

## 3. curve installation



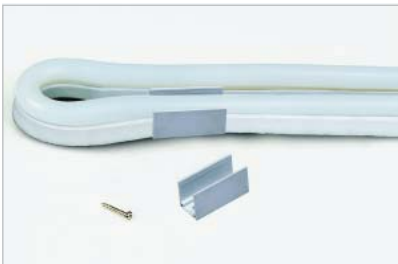
aluminum mini-channel LP-NF with screws included

## 4. 90° installation



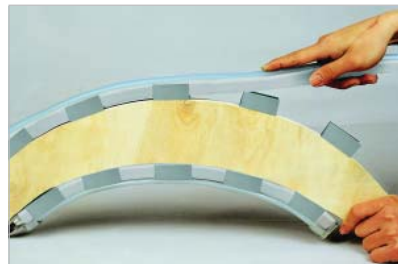
aluminum mini-channel LP-NF with screws included

## 5. 180° installation



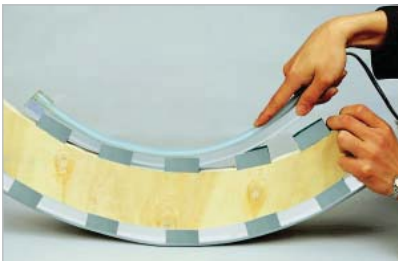
aluminum mini-channel LP-NF with screws

## 6. convex Installation



aluminum mini-channel LP-NF with screws included

## 7. concave installation



aluminum mini-channel LP-NF with screws included

## 8. slot Installation



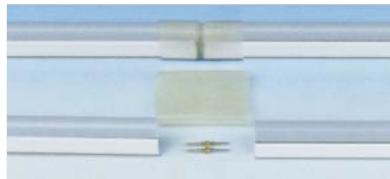
press LP-NF into 1/2" groove

# Connecting LED Neon Flex

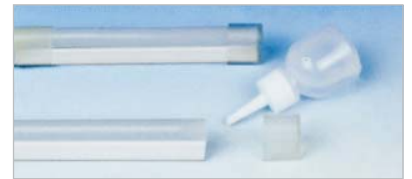
## 1. Connections & end caps



Front Connector includes:  
1. Female Power Connector  
2. Male Connecting pin  
3. Heat Shrink Tube



Spliceable Connector includes:  
1. Male Connecting pin  
2. Heat Shrink Tube



Attachable End Cap

## 2. Molded Connector- Factory Applied



Front Connector includes:  
1. Molded Power connector



Molded End Cap:

# Connecting LED Neon Flex

## 3. 220VAC Plug-in Power Supply



- Includes:
1. Power Plug
  2. AC/DC in-line converter

## 4. 12V Power Supply w/ cable



- Includes:
1. Power Plug
  2. Transformer
  3. AC/DC in-line converter

## 5. Middle Connector with Cable



- Includes:
1. Female Power connector
  2. Male Connector pin
  3. Heat Shrink Tube

## 6. 4-Way Connector



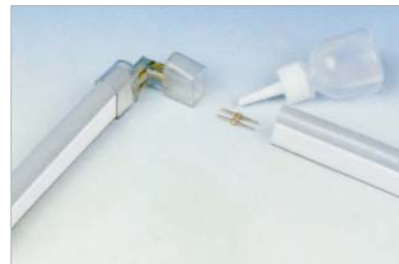
- Includes:
1. 4-Way "X" Connector
  2. Male Connector Pin
  3. Heat Shrink Tube

## 7. T-Connector



- Includes:
1. T-Connector
  2. Male Connector Pin
  3. Heat Shrink Tube

## 8. 90 deg. L-Connector



- Includes:
1. L-Connector
  2. Male Connector Pin
  3. Heat Shrink Tube

# LED Neon Flex Accessories

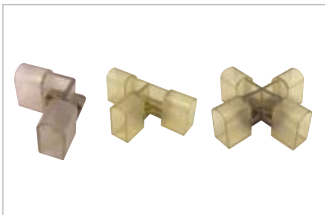
## Splice Kit



220~ or 12~	
shrink tube incl.	jumper incl.

Splice Kit

## LNFX Connectors



220~ or 12~	

L-Connector  
T-Connector  
X-Connector

## End Cap



220~ or 12~	

End Cap

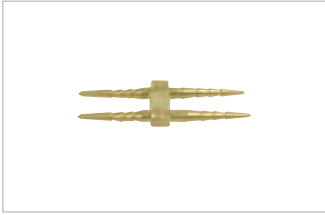
## Channel



screws incl.	

linear channel  
mini channel

## Jumper Connector



220~ or 12~	

Jumper Connector