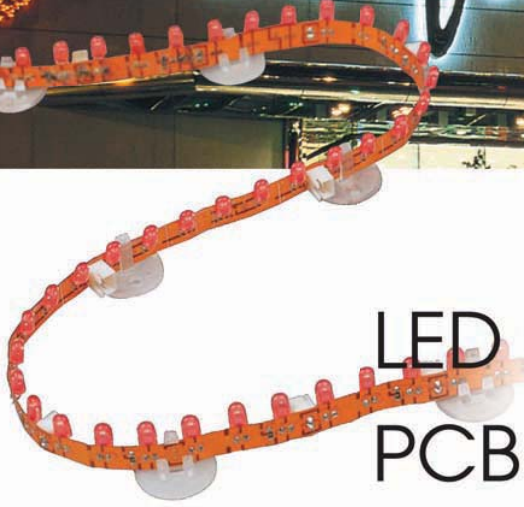


LED SIGNAGE BACKLIGHT SERIES



LED Channel Flex PCB

(Flexible PCB) (Super Bright LED)
(Low-Voltage)

■ LBLU(FX)-V60'-12V

LED Channel Flex PCB is a energy efficient, flexible PCB, single color, low voltage, LED linear signage channel illumination solution.

LED Channel Flex PCB comes in single color ((WLED) White, Red, Green, Blue, and Yellow. $\phi 5$ Super Bright LEDs. The flexible PCB design, minimum cut length of approximately 1.5" for 12V and 3" for 24V respectively, and maximum bend radius of 0.23" makes the LED Channel Flex PCB ideal for single color channel illumination.

LED Channel Flex PCB is easy to install in linear or curved channel and complex channel applications using the specially designed mounting clips. The LED Channel Flex PCB mounting clips can be glued, screwed or affixed with double sided adhesive tape.

Features and Benefits

- Incorporates $\phi 5$ Super Bright LEDs
- High Luminous Flux
- Flexible PCB design
- Minimum cut length of 1.5 or 3" (voltage dependant)
- Maximum bend radius of 0.23"
- Single Color
- Long life and energy saving
- Low voltage 12 and 24V DC
- Easy to install



LED

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Henderson, NV 89014
Ph. 702.568.8742 * 800.700.5483
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www.LEDLINC.com

This fixture must be installed by a qualified electrician. **LED** is not responsible if its fixture are not installed according to local safety standards. Please leave a copy of these instructions for the person responsible for the maintenance of the installation.

LED SIGNAGE BACKLIGHT SERIES



Specifications

Item No.	LBLU(FX)-V-60'-12V
Light Source	ø5 Super Bright LEDs
Unit Length	1.5"
Power Consumption	1.92W /Ft
Total LED Qty/Roll	1440
Input Voltage	12V DC
Operating Current	100mA
LED Spacing	1/2"
Length in Roll	60Ft
Qty. of LEDs per unit	3
Colors	Single Color ((WLED) White, Red, Green, Blue, Yellow
Max. Length	12.5Ft (with 12V 2.5A Switch Power)

Installation Example Letter Channel

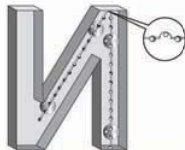
Step 1: Measure the internal lengths of each letter Prepare draft layout with detailed markings for accuracy Calculate total power consumption Choose the appropriate power supply



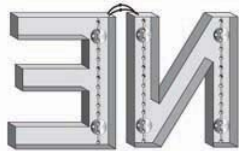
Step 2: Cut to measured lengths and install into the desired location



Step 3: Apply an extension cable to connect each section within each channel



Step 4: Apply an extension cable to connect letters together



Step 5: Connect end lead to power supply

Step 6: Connect power supply to mains to illuminate

Connection Examples

LED Channel-Flex PCB Type(Vertical) can be bent easily into any angle with its high flexibility. Fixing clip makes the shape perfect and steady.



Linear Connection



Right Angle Connection



Curved Type Connection



(1) Cut only at the mark.



(2) Connect the transformer and LED Channel-Flex PCB Type(Vertical) together with connector.



(3) Connect two parts with extension cable



(4) Fix with screw if necessary.



(5) Stick with double sided tape.



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