

FUTURA LIGHTING

Futura's UL Approved Truly Flexible LED High Brightness Ribbon

Prod. Name: UL-BVFLEX-O-24V Non-Waterproof Flexible Ribbon LED Strip



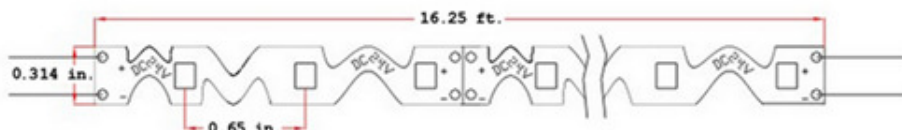
Introducing our patented revolutionary flexible LED strip. Finally, there is a flexible ribbon that is TRULY flexible (can be bent left or right when laid down on a flat surface). Designed with an articulation PCB circuit board, the LED strip can be bent freely in any direction, allowing for increased flexibility in design. Great for signs, handrails, domes, or any application where flexibility is needed.

Product Features:

- Wattage:** 3 watts per foot (48watts per roll)
- Voltage:** 24VDC
- LED Type:** 2835 SMD
- Number of LEDs:** 60 LEDs per meter (300 LEDs per roll)
- Length:** 5 meters (16.25ft)
- Width of Strip:** 8mm (0.31 inches)
- Cuttable Unit Length:** Every 6 LED diodes(4 inches)
- LED Life Time:** 50,000 Hours
- Warranty:** Two-year Warranty
- Approval:** UL Approved

Ref. Name & Colors:

- Ref. Name:** **UL-BVFLEX-O-24V (24VDC)**
- UL-BVFLEX-O-24V-WW: Warm White 2800-3100K
- UL-BVFLEX-O-24V-NW: Neutral White 4000-5500K
- UL-BVFLEX-O-24V-W: Cool White 6000-6500K
- UL-BVFLEX-O-24V-BL: Blue
- UL-BVFLEX-O-24V-RD: Red
- UL-BVFLEX-O-24V-AM: Amber



Installation and Safety Information:

- The strip itself and all its components may not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED ribbon (with power supplies) needs to be made following all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the strip.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation point between the strip and the mounting surface.
- Do not power more than 7.5m (25ft) of continuous strip. Otherwise the brightness will decay due to voltage drop. A separate run must be used to power additional feet of strip.

Compatible LED Drivers:

Dimmable

LED-48W-24V-LED-DIM	(48W, Input 120V 50/60Hz, Output 24VDC)
*FL-50W-24V-LED-DIM	(50W, Input 120V 50/60Hz, Output 24VDC)
FLM-60W-24V-LED-DIM	(60W, Input 120V 50/60Hz, Output 24VDC)
FL-100W-24V-LED-DIM	(100W, Input 120V 50/60Hz, Output 24VDC)
FLM-200W-24V-LED-DIM	(200W, Input 120V 50/60Hz, Output 24VDC)
FLM-300W-24V-LED-DIM	(300W, Input 120V 50/60Hz, Output 24VDC)

*New small-sized unit: (LxWxH) 6" x 2" x 1 3/8"

Non-Dimmable

FL-2406T Waterproof	(60W, Input 100-240V 50/60Hz, Output 24VDC)
LED-100W-24VDC	(100W, Input 100-277V 50/60Hz, Output 24VDC)
FL-2410W Waterproof	(100W, Input 100-240V 50/60Hz, Output 24VDC)
FL-2420W Waterproof	(200W, Input 100-240V 50/60Hz, Output 24VDC)