

LED CLEAR FLEX2 WHITE SERIES

Ribbon-like linear lighting with high color rendering

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Save over 75% in running costs over incandescent linear systems (festoon style sockets and lamps). Applications include: kitchen counters, architectural built-ins, backlighting effects, displays, coves, above cabinets and in cabinets.

FEATURES

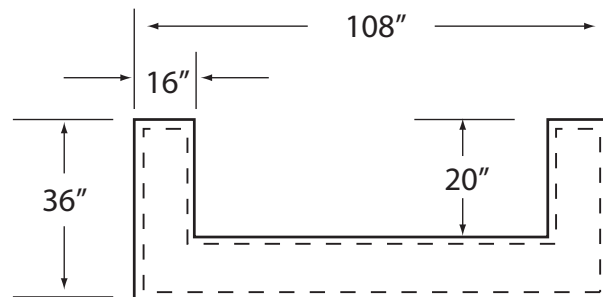
- Low profile linear light source that hides in the smallest of spaces - measuring less than 1/2" wide by 1/4" high
- High quality chips ensure performance, white color consistency and great color rendering
- LEDs at .65" spacing deliver over 70 lumens per foot (Warm White)
- Ultra flexible, yet robust PVC housing
- Long life, low maintenance LEDs (50,000 hours rated life)
- 24V DC operation allows run lengths up to 32.8 feet
- Easy installation – LED Clear Flex2 kits have pre-attached power cord (LED driver required, sold separately)
- Available in Warm White (3000K)
- Cuttable every 4" (approximately), allowing more precise lengths for specific custom projects
- Can be used outdoors (IP68 rated) - all joints, end caps and connections must be coated with dielectric grease, and properly sealed with silicone and shrink tube

BILL OF MATERIALS

- Determine total length of linear lighting to be used
- For lengths up to 16' 4-3/4" (5m), order one Clear Flex2 kit; up to 32' 9-1/2" (10m), order two kits
- Determine total number of watts (3.6 watts per foot) and best location for power supply
- Order 24V DC power supply with appropriate capacity to accommodate power load (see facing page)
- Order jumpers as needed
- Order aluminum track (CFX2V2-CHAN-1M) for straight runs



INSTALLATION EXAMPLE











27 foot Warm White installation above and above left includes 2 - CFX2V2-60-WW (97.2 watts for 27 feet) and 1 - LED-TR-150-24 (65% of capacity) or 1 - LED-DR100-24 (97% of capacity).

FIXTURES

CFX2V2-60	—	_____
Single Color Flex2 (3.6 watts/ft)		WW = Warm White (3000K)







- Each kit includes the following:
- 16.4" (5m) reel of Clear Flex2
 - (3) power connection kits (one is pre-attached)
 - (1) splice kit
 - (16) mounting clips
 - (1) 20ml bottle of glue/sealant

ACCESSORIES

 <p>CFX2V2-CONKIT-NP Power connection kit includes five foot power connector cord, end cap, two pieces of shrink tube</p>	 <p>CFX2V2-JUMP____ Jumper to connect two sections of CFX2 together, includes shrink tube; specify .5 (6"), 1 (12"), 6 (72") or 10 (120") lengths</p>
 <p>CFX-GLUE 20mL bottle of glue/sealant</p> <p>CFX2V2-CHAN-1M One meter aluminum mounting track with pre-drilled holes every 9"</p>	 <p>CFX2V2-ENDS Three-pack of clear plastic end caps</p> <p>CFX2V2-CLIPS Clear plastic mounting clip with mounting screws, sold in bags of 16</p>
 <p>LED-DR-24 6-1/4"L x 1-1/4"W x 1-13/16"H 24V DC power supply, 1-25 watts Class 2, c/UR/us Recognized</p> <p>ENCL-11 11-1/2"L x 1-7/8"W x 1-3/4"H Enclosure sold separately</p>	 <p>CFX2V2-SPL Splice kit, includes 2" section of shrink tube and splice connector</p>
 <p>LED-DR60-24 7-13/16"L x 1-3/4"W x 1-5/8"H 24V DC power supply, 1-60 watts c/UR/us Recognized</p> <p>LED-DR100-24 7-13/16"L x 1-3/4"W x 1-5/8"H 24V DC power supply, 1-60 watts c/UR/us Recognized</p>	 <p>LED-TR-____-24 see page 51 for dimensions 24V DC power supply; Specify 30, 60, 100 or 150 watts, 40% minimum; dimmable with most low voltage magnetic dimmers, c/UL/us LED-TR-30-24 is c/UL/us recognized</p>

LED-TR Series will need 12" clearance above and around housing for heat dissipation. Otherwise the maximum load is 80% capacity.

TECHNICAL SPECIFICATIONS

Voltage	24V DC operation	     
Construction	Rectangular-shaped clear PVC housing with LEDs spaced every .65" (approximately 5/8")	
Mounting	Mounting clips (included with each kit) or four foot aluminum mounting track (CFX2V2-CHAN-4)	
Dimensions	H = 1/4", W = 1/2" (H = 6mm, W = 13.5mm)	
Reel length	16.40 feet	
Cuttability	Every 3.9" (10cm)	
Light Output	70 lumens per foot for CFXV2-60-WW	
Wattage	3.6 watts per foot	
Maximum run	Two kits can be interconnected (powered by a single "conkit") which totals a maximum of 32' 9-1/2" (10 meters)	
LED specs	50,000 hours rated life, Warm White (WW) is 3000K, 85 CRI; 10 mA, 24V DC	
Dimmers	Dimmable with most low voltage magnetic dimmers when used in conjunction with LED-TR Series (40% minimum load required)	
Packaging	White box	