

Description:

Millwork Light Channel features 24 volt Soft Strip inside a slim, paintable aluminum extrusion that recesses into wood (minimum 3/4" thick). LCMW uses SS2P with warm white, high CRI (80+) LEDs for excellent color rendering. LCMWC uses SS2C with 85+ or 95+CRI LEDs. The 11 degree white diffuser lens projects a clean line of light and eliminates LED dots, while the clear lens provides maximum light levels. System consumes 2.3 or 2.5 watts per foot and is sold in 12 inch increments up to 120 inches. May be ordered in 3, 5, 8 or 10 inch increments. Fixtures include 4 spring clips per foot and can be linked with plug-in flexible connectors for a maximum of 40 feet. Powered by dimmable remote power supply. Fixtures include a 5 year warranty.

Finishes:

Satin Aluminum, Antique Bronze and White. Custom finishes available

Applications:

Indoor Only - Task lighting, under/above cabinet, cove, retail, closets. Light Channel is identified for use in the storage area of a closet per NEC Article 410.16(A)(3) and 410.16(C)(5). Fixture is ETL listed for dry location for closet use with clothing and complies with UL Standard 2108.

Lamp:

Version	Watts per Foot	Lumens per Watt	Lumens per Foot	80+CRI 30K	85+CRI 24K, 35K, 40K, 57K	95+CRI 27K, 30K	Lamp Life Hours
LCMW	2.3	37	115	●			32,000
LCMWC	2.5	43	126		●	●	50,000

Lumen values are based on the 3000K LED test.

24VDC Power Supply (Sold Separately):

- PSB-96W-010-24VDC** 120-277VAC input, 96 watt output
- PSB-2X96W-010-24VDC** 120-277VAC input, 2x96 watt output
- PSB-3x96W-010-24VDC** 120-277VAC input, 3x96 watt output
- PSB-4x96W-010-24VDC** 120-277VAC input, 4x96 watt output
- PSB-60W-ELV-24VDC** 120VAC input, 60 watt output
- PSB-100W-ELV-24VDC** 120VAC input, 96 watt output
- PSB-2X100W-ELV-24VDC** 120VAC input, 2x96 watt output
- PSB-3x100W-ELV-24VDC** 120VAC input, 3x96 watt output
- PSB-4x100W-ELV-24VDC** 120VAC input, 4x96 watt output

Dimming:

010 power supplies use 0-10V dimmer: Philips Sunrise SR1200ZTUNV.
 ELV power supplies use ELV dimmer: Legrand, Adorne ADTP703TU;
 Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra

DWW: Warm White with 61° White Diffuser Lens		
Distance	Beam	Foot Candles
12in	15"	58 FC
18in	21"	34 FC
24in	29"	24 FC
36in	42"	13 FC

CWW: Warm White with 26° Clear Diffuser Lens		
Distance	Beam	Foot Candles
12in	7"	115 FC
18in	10"	72 FC
24in	13"	50 FC
36in	16"	28 FC

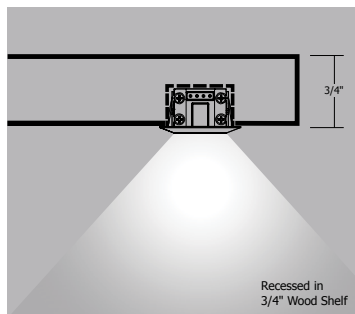
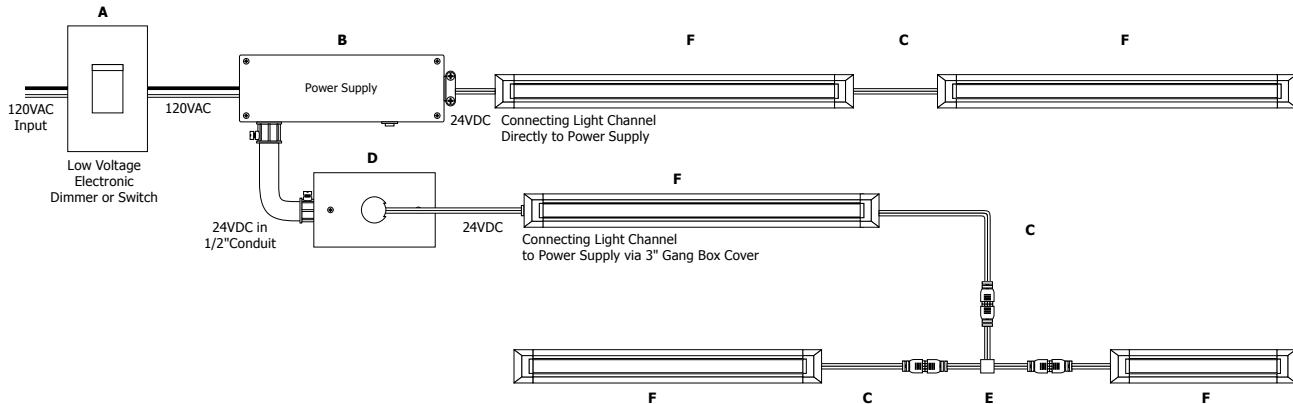
Product	Voltage	Length in Inches	Color Temperature	Finish
LCMW	24V	60IN	D WW	SA
LCMW Light Channel Millwork LCMWC Light Channel Millwork Commercial	24V 24 Volt DC	12-120 Order in 12 inch increments up to 120 inches May be ordered in 3, 5, 8 or 10 inch increments	D Diffuser Lens C Clear Lens AW 2400K Amber White (LCMWC only) VW 2700K Very Warm White (LCMWC only) WW 3000K Warm White NW 3500K Neutral White (LCMWC only) CW 4000K Cool White (LCMWC only) DW 5700K Daylight White (LCMWC only)	SA Satin Aluminum BZ Antique Bronze WH White Custom Finishes Available

PROJECT: _____ FIXTURE TYPE: _____ DATE: _____ **EDGE LIGHTING**

Application: Electronic low-voltage dimming for Millwork Light Channel

Power Supply: 120VAC input, 24VDC 60 watt output PSB-60W-ELV-24VDC

Dimming: Dimmable with low voltage electronic dimmer using power supply above. See power supply spec sheet for additional details. Lutron: Diva DVELV-300P; Skylark SELV-300P; Maestro MAELV-600 dimmers are recommended

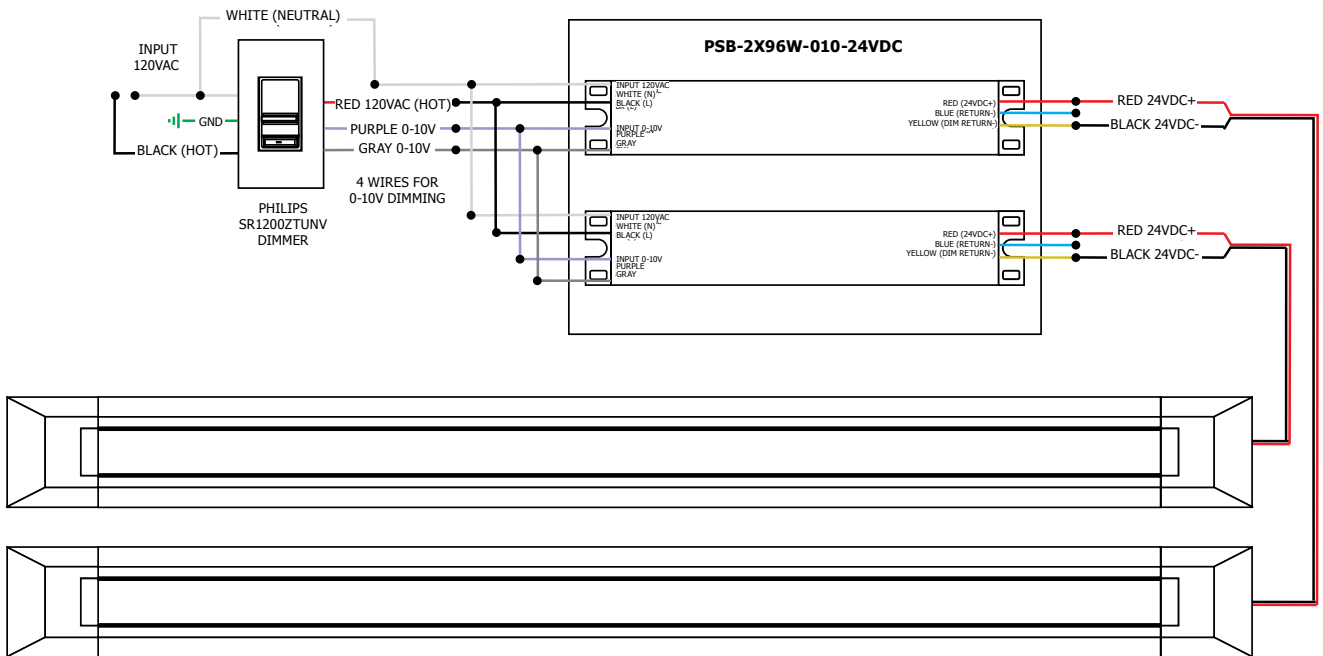
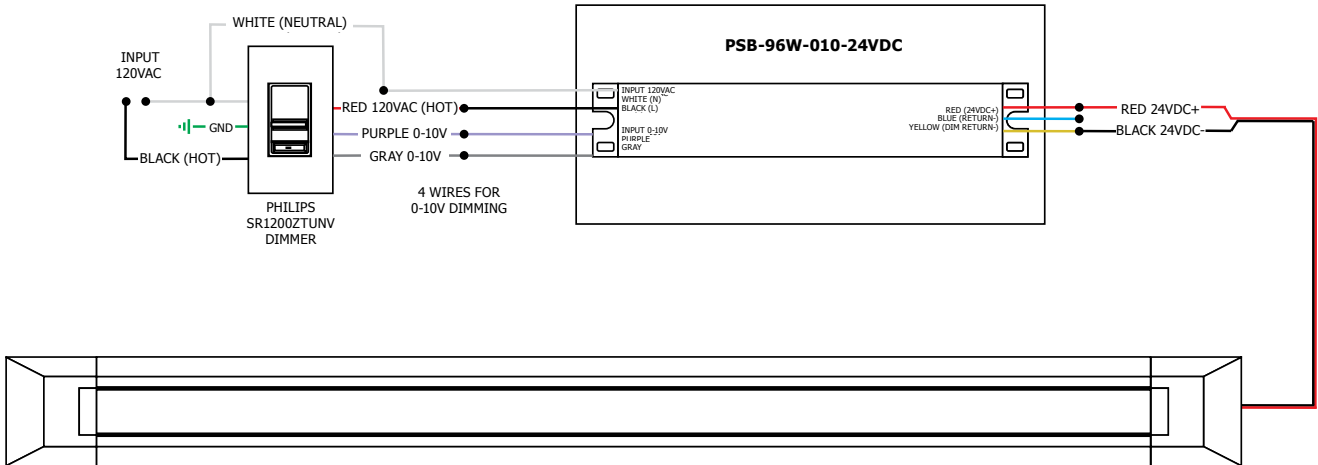


- A. Lutron Dimmers
Diva **DVELV-300P** or Skylark **SELV-300P**
- B. 60W 24VDC Power Supply **PSB-60W-ELV-24VDC**
- C. Flexible connector order to length 3"-144" **LC-CFX-__**
- D. 3" Rectangle Canopy Cover **3RE-WH**
- E. Flexible T shape connector **SS-CFXT-3IN**
- F. Millwork Light Channel 12"-120" **LCMW-24V-_-_-_-**

Application: 0-10V dimming for Millwork Light Channel

Power Supply: Class 2, 24VDC output: 120-277VAC input, 96 watt output PSB-96W-010-24VDC;
120-277VAC input, 192 watt output PSB-2X96W-010-24VDC

Dimming: Dimmable with 0-10V dimmer using power supply above. See power supply spec sheet for additional details. Philips Sunrise SR1200ZTUNV, 0-10V dimmer recommended.



Please refer to chart below for exact lengths of the Millwork Light Channel

ORDERING CODE	ILLUMINATED LENGTH (INCHES)	TOTAL FIXTURE LENGTH WITH END CAPS (INCHES)
3IN	3.13	5.08
5IN	5.53	7.48
8IN	7.93	9.88
10IN	10.33	12.28
12IN	12.73	14.68
15IN	15.13	17.08
17IN	17.53	19.48
20IN	19.93	21.88
22IN	22.33	24.28
24IN	24.73	26.68
27IN	27.13	29.08
29IN	29.53	31.48
32IN	31.93	33.88
34IN	34.33	36.28
36IN	36.73	38.68
39IN	39.13	41.08
41IN	41.53	43.48
44IN	43.93	45.88
46IN	46.33	48.28
48IN	48.73	50.68
51IN	51.13	53.08
53IN	53.53	55.48
56IN	55.93	57.88
58IN	58.33	60.28
60IN	60.73	62.68

ORDERING CODE	ILLUMINATED LENGTH (INCHES)	TOTAL FIXTURE LENGTH WITH END CAPS (INCHES)
63IN	63.13	65.08
65IN	65.53	67.48
68IN	67.93	69.88
70IN	70.33	72.28
72IN	72.73	74.68
75IN	75.13	77.08
77IN	77.53	79.48
80IN	79.93	81.88
82IN	82.33	84.28
84IN	84.73	86.68
87IN	87.13	89.08
89IN	89.53	91.48
92IN	91.93	93.88
94IN	94.33	96.28
96IN	96.73	98.68
99IN	99.13	101.08
101IN	101.53	103.48
104IN	103.93	105.88
106IN	106.33	108.28
108IN	108.73	110.68
111IN	111.13	113.08
113IN	113.53	115.48
116IN	115.93	117.88
118IN	118.33	120.28
120IN	120.73	122.68

PROJECT:

FIXTURE TYPE:

DATE:

