



Features

Our FSPC is a pixel controllable Tunable White LED strip via DMX control. High density design containing 18 LEDs per foot and 2.2 watts per foot. Cuttable every 3.94" inches to enhance customization options. Dot-free linear lighting performance (when assembled into the profile kit). Standard mounting accessories include 3M tape backing and mounting clips. IP20 rated, UL listed, 3-year warranty.

Application

Our FSPC Series is incredibly versatile, and is utilized in decorative backlight and indirect lighting for showcases, shelving, cabinetry, billboards, signage, hotel facades and interiors, gardens, bridges, corridors, ceilings, stairwells, flooring, coves, theaters, lifts, and countless other applications.



Dry

Damp

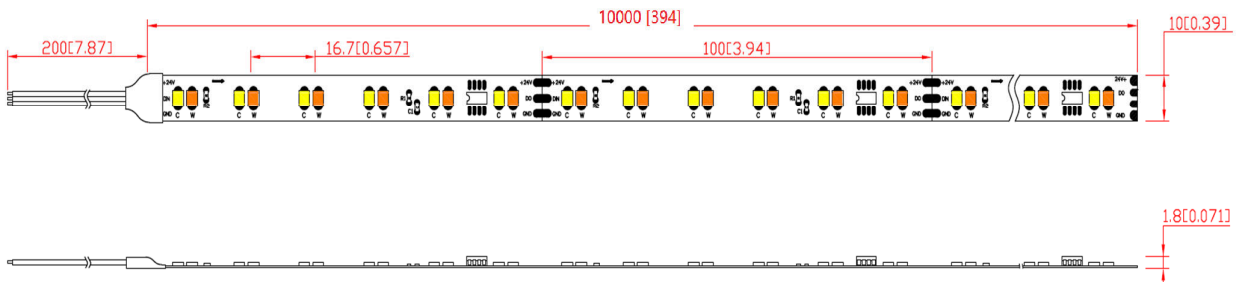


Specifications and Performance Pixel Control Series

Watts per Foot	2.2
Max Run Length	32.8'
Cuttable	3.94"
Lumens per Foot	177
Beam Angle	120°
Input Voltage	24vdc
LED CCT and Wavelength	2700K - 6500K CCT-Tunable
CRI	80+, 90+
LED Current	15mA/LED
Dimming	PWM (Supports SPI and DMX controller)
Dimensions	0.48"W x 0.16"H
CCT	2700-6500K CCT-Tunable
Operating Temp	-4°F to 113°F (-20°C to 45°C)
Ambient Temp	-4°F to 140°F (-20°C to 60°C)
Environment	IP20
Warranty	3 Year
Certifications	CE, UL, RoHS
LEDs/ft	36 LED's/ ft
LED Type	SMD2835 white
Mounting	Mounting Clips, Aluminum Channel

Dimensions

Unit: mm[in.]



FSPC SERIES ORDERING INFORMATION

Ordering

Example: FSPC-33TW-CU-DMX

Part No.	Wattage		CCT		Length		Voltage	
FSPC	22	2.2 W/ft	TW	Tunable White	16 CU	16.4ft Custom Length <i>cut by factory or in the field</i>	24	24vdc

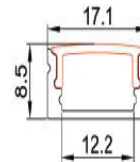
AL-FSPC-MCLIP

Mounting Clip for FSPC Series



AL-FSPC-8071-CHANNEL

Aluminum Channel with Polycarbonate Lens



AL-FSPC-22TW-TWC

Tape to Wire Connector w/7.8" Wire

AL-FSPC-22TW-TTC

Tape to Tape Connector

Recommended Power Supplies

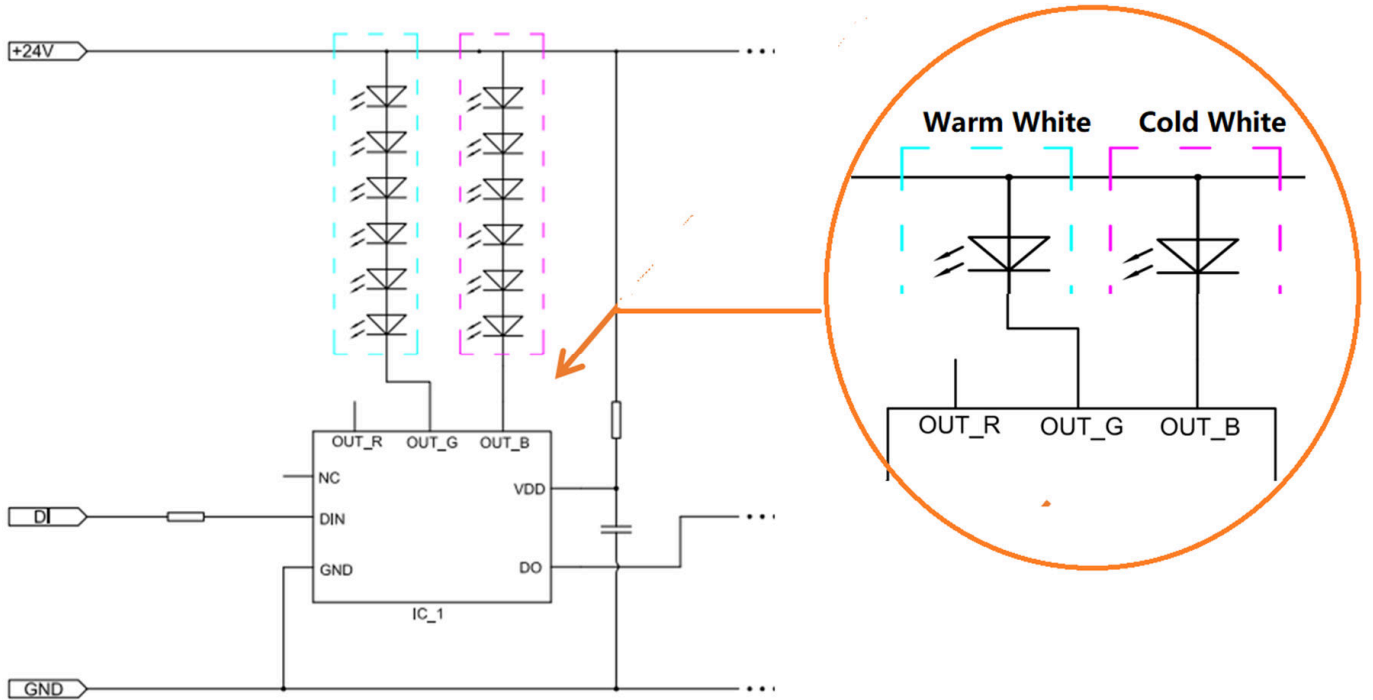
Dimmable with 0-10v, ELV, MLV, TRIAC

Item Number	Description	Max/Min Load	Input Voltage	Output Voltage	Dimmable	Dimensions
PS-TSLC-UNV-24V-30WDHV2	30W	30W / 3W	100-277V AC	24V DC	Yes*	6.49"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-60WDHV2	60W	60W / 6W	100-277V AC	24V DC	Yes*	7.4"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-96WDHV2	96W	96W / 9.6W	100-277V AC	24V DC	Yes*	8.66"L x 3.6"W x 1.61"H
PS-TSLC-UNV-24V-288WDHV2	288W (3 x 96W)	288W / 28.8W	100-277V AC	24V DC	Yes*	11.85"L x 4.25"W x 1.8"H



FSPC SERIES TECHNICAL INFORMATION

Wiring Configuration



Color Channel Wiring Diagram

