

LED Flexible Strip

Pixel Control Series



Features

The PCS Series is a flexible, efficient, highly customizable LED strip. At 5.79 watts per foot, the PCS boasts both high efficacy and high CRI option with 18 LEDs per foot. The PCS offers customization with multiple channel options and a segment length of 3.94". Dot-free linear lighting performance when coupled with channel. PWM (Supports SPI controller and DMX-SPI decoder) and various IP ratings available. UL and CE with a 5 year warranty.

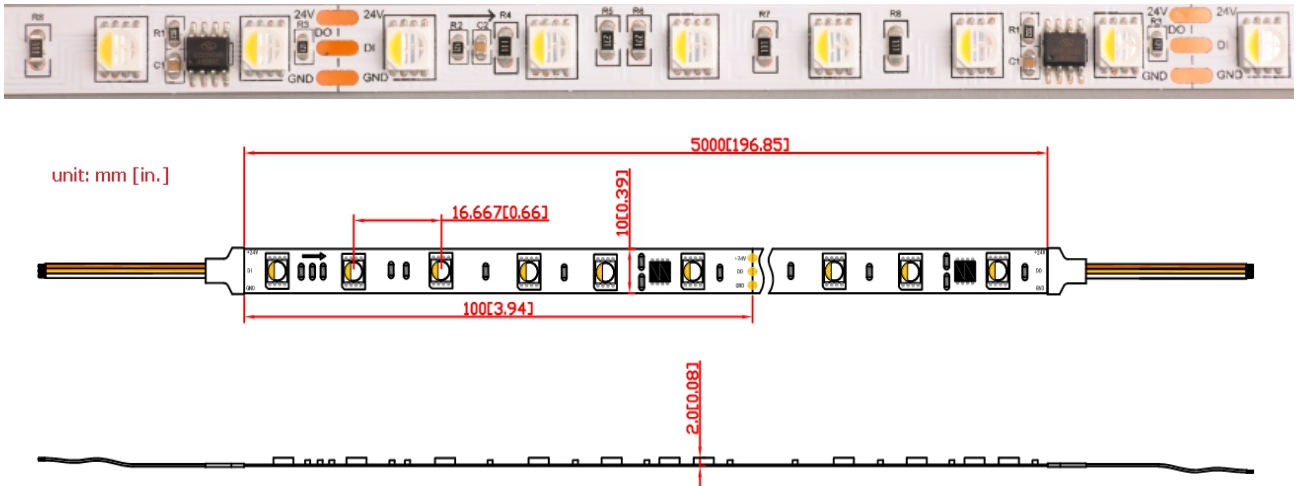
Application

The PCS is engineered for decorative backlight and indirect lighting in showcases, shelving, cabinetry, billboards, signage, hotels, gardens, bridges, corridors, ceilings, stairways, coves, theatres, elevators, and suitable for countless other applications that call for side view lighting..



LED Flexible Strip

Diagram



Specification

Part No.	Dimension (L*W*H)	IP Rating	Lumen Flux±10% @CRI80&4000K	Light Eff. @CRI80&4000K	Lumen Flux±10% @CRI90&4000K	Light Eff. @CRI90&4000K	Lumen Flux±10% @CRI95&4000K	Light Eff. @CRI95&4000K
PCS-FE70S	5000*10*2mm [197*0.4*0.08in.]	IP20[dry]	730lm/M [223lm/ft.]	W	W	W	W	W
PCS-FE70S	5000*10*2.5mm [197*0.4*0.1in.]	IP54 [damp]	730*95%lm/M [223*95%lm/ft.]	W	W	W	W	W
PCS-FE70S	5000*12*4mm [197*0.48*0.16in.]	IP65[wet]	730*95%lm/M [223*95%lm/ft.]	W	W	W	W	W
PCS-FE70S	5000*12*4mm [197*0.48*0.16in.]	IP67[wet]	730*95%lm/M [223*95%lm/ft.]	W	W	W	W	W
PCS-FE70S	5000*12*4mm [197*0.48*0.16in.]	IP68[wet]	730*95%lm/M [223*95%lm/ft.]	W	W	W	W	W

General Parameters		Photoelectric Parameters	
Standard Length	5M [16.4ft] (power fed on one side)	Power±10%	19W/M [5.79W/ft.]
Increment & LED QTY	100mm[3.94in.] & 6 LEDs	Input Voltage	24VDC
LED Type	SMD5050 RGBW 4in1	LED Current	R:18mA, G:18mA, B:18mA, W:18mA
LED QTY	60LED/M [18LED/ft.]	LED CCT & Wavelength	R:620~625nm, G:520~525nm, B:460~467nm, W:2700-6500K
PCB Type	2oz white FPC, OSP	SDCM	W: ErP & ANSI Norm, 5 step
Operating Ambient	Ta: -20~45°C[-4~113°F]	CRI	W: Ra≥80
Warranty	3 years	Beam Angle	120°
Certification	CE, UL, RoHS,	Dimming/Toning Method	PWM (Supports SPI controller and DMX-SPI decoder)

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Ordering Information

MODEL	COLOR	LENGTH	IP	VOLTAGE
PCS-FE70S	RGBW RGBW SPI	16.4 CU 16.4' Reel Custom Length	20 54 65 67 68 IP20 IP54 IP65 IP67 IP68	24V 24 Volt DC

Accessories

- FS-PCS-FE70S-WL** Wire lead connector for static white strip
- FS-PCS-FE70S-JC** Jumper cable connector static white strip
- FS-PCS-FE70S-SSC** Strip to strip connector for static white strip



Recommended Power Supplies

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

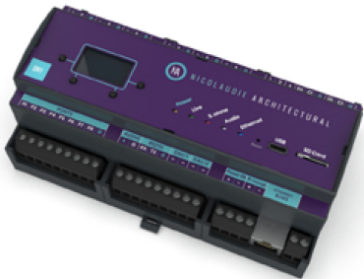


Item Number	Description	Max/Min Load	Input Voltage	Output Voltage	Dimmable	Dimensions
PS-TSLC-UNV-24V-30WDHV2	30W	30W / 3W	100-277V AC	24V DC	Yes*	6.49"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-60WDHV2	60W	60W / 6W	100-277V AC	24V DC	Yes*	7.4"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-96WDHV2	96W	96W / 9.6W	100-277V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

DMX Control



NIC-DMX-STICK-DE3 - 1,024 Channels, 2 Universes, 10 Zones



NIC-DMX-DINA-DR1 - 3,072 Channels, 6 Universes, 20 Zones

**Additional DMX Control Systems Available. Please Contact Factory.*

Wiring Configuration

