

Digital LED Flexible Strip

1 led 1 pixel, 3 led 1 pixel digital led strip
signal solution for widely application like stage, Linear Lighting, entertainment area, clubs etc.

Digital LED Flexible Strip



Feature:



Certificates:



Feature:

1 led 1 pixel, 3 led 1 pixel digital led strip;

The digital led strip can realize scanning, flash, chasing, video and other program;

The chain connection max 10M according to different type of digital led strip, and it would be better connected power supply each 4/5 meters;

Protections: short circuit, over current , over temperature .

With working life-span at least 50,000hrs;

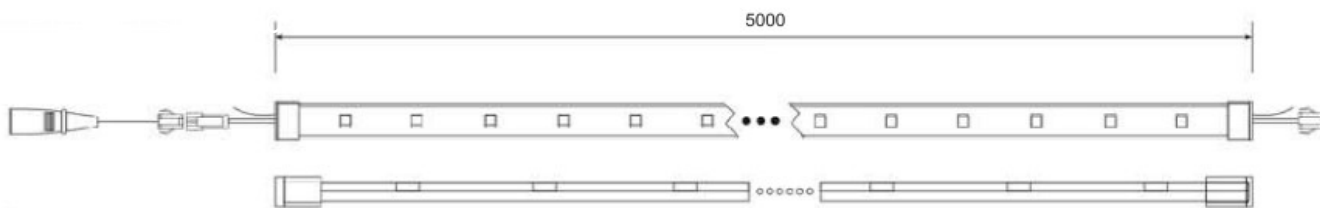
Fast get through input/output signal;

IP20/IP65/IP67/IP68 available;

Application: adapted for all kinds of installation methods including, stage, club, party and video art project,



Product size and Parameters



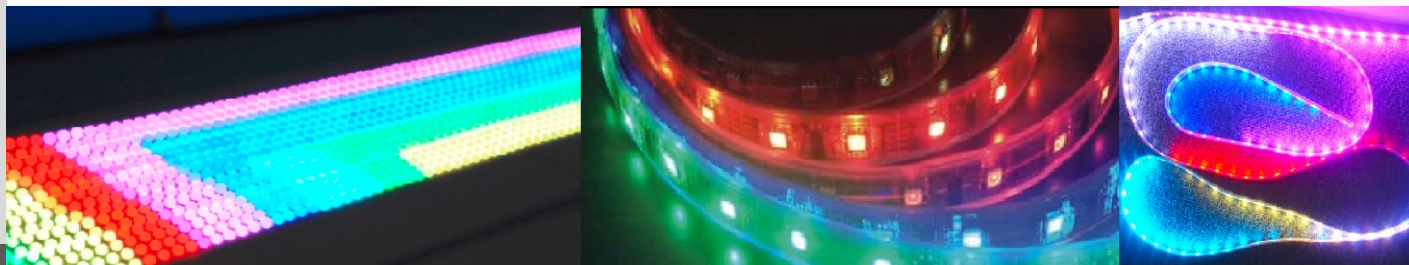
Unit: mm

PRODUCT SPECIFICATION (1 LED 1 Pixel Digital Strip)

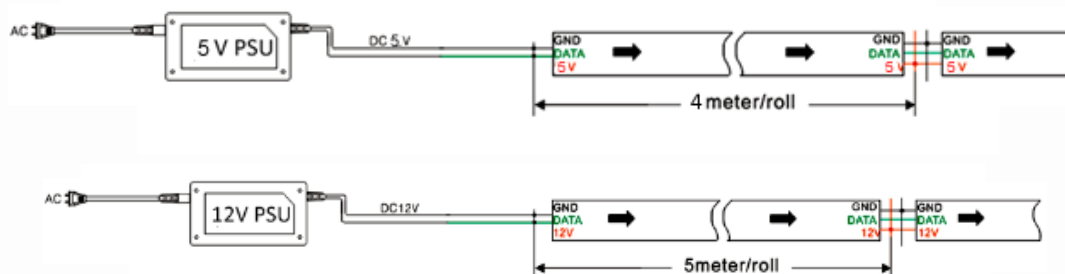
LED Input and Control	Model NO.	LED-FS5000WS28123030	LED-FS5000WS28126060	LED-FS5000WS2812144144	LED-FS5000WS28123232
	LED type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
	LED QTY	30 Leds/meter	60 Leds/meter	144 Leds/meter	32 Leds/meter
	Color	RGB full color	RGB full color	RGB full color	RGB full color
	Operating Voltage	DC 5V	DC 5V	DC 5V	DC 5V
Physic and Environment	Power	MAX=9W/M	MAX=18W/M	MAX=43.2W/M	MAX=9.6W/M
	Dimension	L5000mm x W10mm	L5000mm x W12mm	L5000mm x W12mm	L5000mm x W12mm
	Working Current	1.8A / M	3.6A / M	8.64A / M	1.92A / M
	PCB Color	White/Black			
	LED Source Life	50,000 hours, based on test data of LED manufacturer			
	Temperature	-4°F to 122°F (-20°C to 50°C) operating temperature			
	Protection	IP20/IP65/IP67/IP68			

PRODUCT SPECIFICATION (3 LED 1 Pixel Digital Strip)

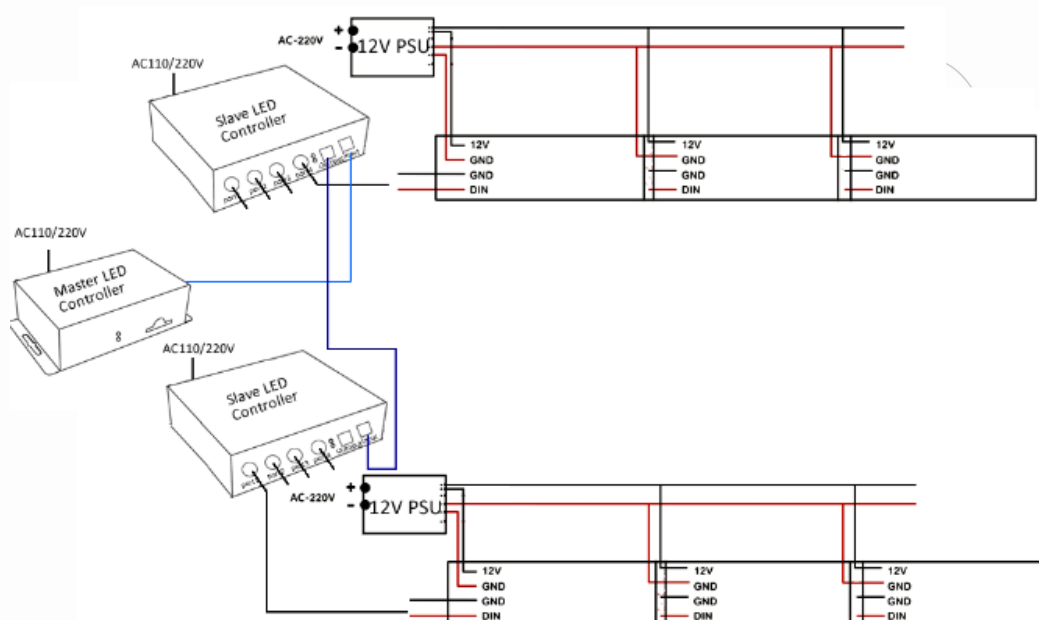
LED Input and Control	Model NO.	LED-FS5000WS281126020	LED-FS5000WS28114816	LED-FS5000WS28113010
	LED type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
	LED QTY	60 Leds/meter	48 Leds/meter	30 Leds/meter
	Color	RGB full color	RGB full color	RGB full color
	Operating Voltage	DC 12V	DC 12V	DC 12V
Physic and Environment	Power	MAX=14.4W/M	MAX=12W/M	MAX=7.2W/M
	Working Current	1.2A/M	0.96A/M	0.6A/M
	Dimension	L5000mm x W10mm		
	PCB Color	White/Black		
	LED Source Life	50,000 hours, based on test data of LED manufacturer		
	Temperature	-4°F to 122°F (-20°C to 50°C) operating temperature		
	Protection	IP20/IP65/IP67/IP68		



PSU Connection



Wiring Diagram



Model Definition

LED- FS 5000 WS2812 48 16

- 16=Pixel Quantity
- 48=LED Quantity
- WS2812=Control Protocol
- 5000=Size (mm)
- FS=Flexible Strip
- LED=ISEELED



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