



iPixel LED Light Co., Ltd



SK9822/APA102--Addressable LED Strip 1 Meter with 60pcs LEDs

Applications:

- Night Club background lighting
- Casino equipment lighting
- Robot, PC, Keyboard; DIY electronic lighting
- LED shoes, Clothes Lighting

Features and Benefits:

- Control IC included, supporting numerous Color-change effects;
 - Pcontrol by SD controller, Arduino, DMX512, Artnet
 - Flexible PCB 5V low voltage input;
 - PCB Color: White & Black available for choose
 - Absolutely addressable, each IC built inside RGB LED
 - 5M per roll, Customer's size available also
- The non-waterproof version strip attached white color 3M tape on back side of strip we recommend you put extra silicon to seal the strip avoid strip fall off each LED cut-able



IP 65

Add: A2 Building Ming Jin hai Industrial Park, Zhou shi Rd, Shiyan, Baoan, Shenzhen, China. 518108

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Technical Parameters:

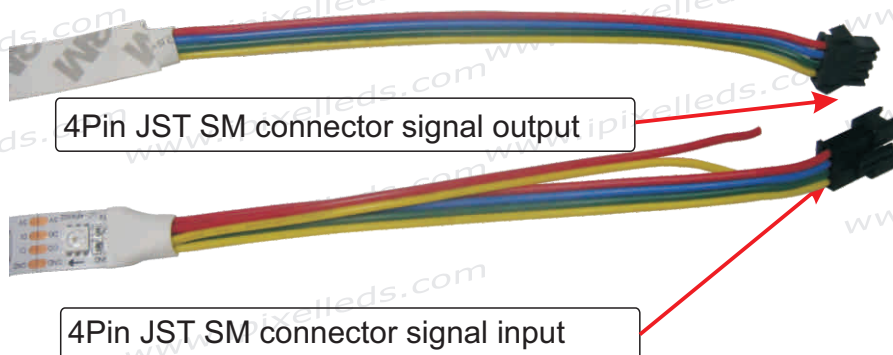
Light source	Epistar 5050 SMD LEDs
Beam angle	140 deg.
Operating voltage	DC5V
Consumption watts per 60 LEDs/M	14(max)W
Pixel pitch (mm)	P16.6mm
Pixel resolution (Dot/m ²)	3600
Entire piece LED quantity	60 pcs
Printed circuit board thickness	0.25mm
Operation Temperature	-40℃-40℃
Storage Temperature	-10℃-50℃

Technical Parameter

Part Number	Emitting	LED	Voltage	IC	Current	MCD per	IP
	Color	Quantity	(V)		(A/1m)	1m/60LED	
S60102	RGB	60/1M	5	APA102/SK9822	2.88A	R:24000/G:42000	Non-waterproof
S60102-W	RGB	60/1M	5	APA102/SK9822	2.88A	B:11400	Silicon Tube



There is a Arrow following each LED on PCB,
it's means the signal transmit direction



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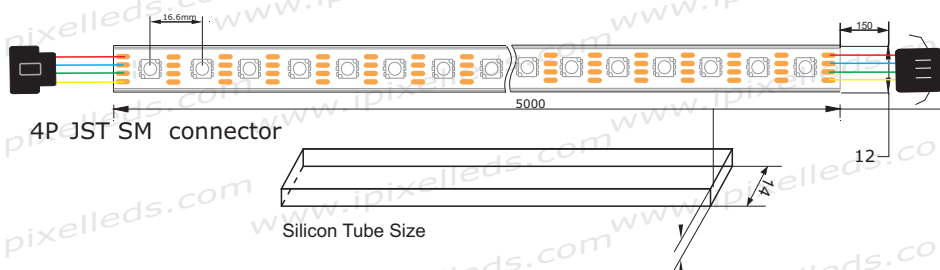
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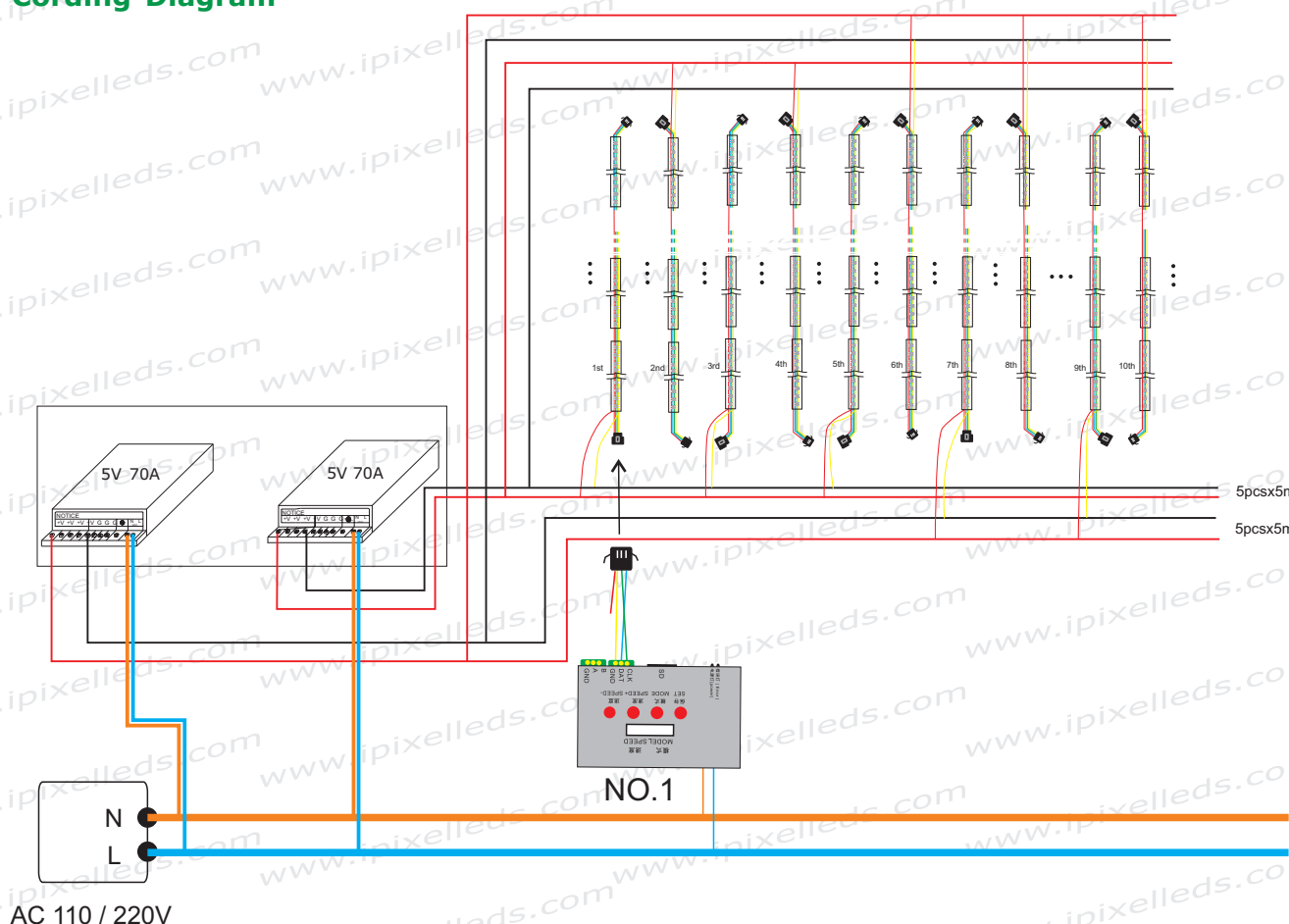


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Outline Dimension: (Unit:mm)



Cording Diagram



This strip 60Pixels (IC) per m,5m/roll (300Pixel),T-1000controller support 2000Pixel Max,
1 Roll strip total power is 72W (5m),each 5V70A(350W) works 4rolls of strip .
You also could use T4000、T8000 SD controller for more LED pixels

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