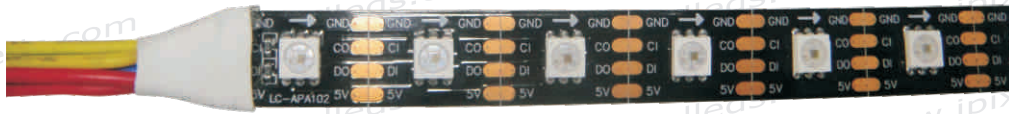# iPixel LED Light Co. , Ltd

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
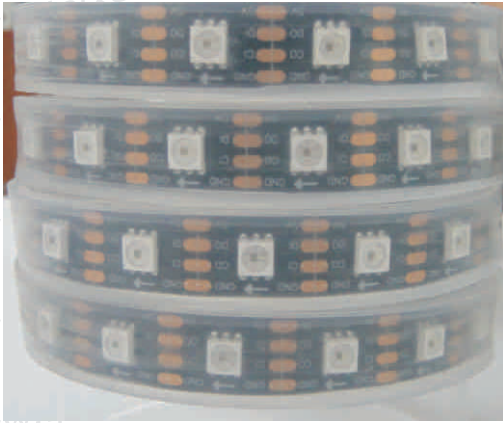 each LED cut-able

IP 65

iPixel LED Light Co. , Ltd

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/㎡）	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 Color	LED Quantity	Voltage （V）	IC	Current （A/1m）	MCD per 1m/60LED	IP
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
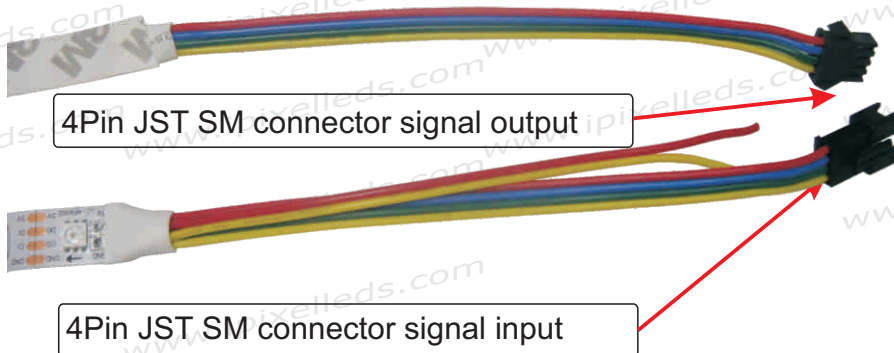
→ DC5V
→ CLK
→ DAT
→ GND

4Pin JST SM connector signal output

4Pin JST SM connector signal input

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

Tel: 0086-755-85257929   Fax:0086-755-85257929   Web:www.ipixelleds.com

E-mail: inquiry@ipixelleds.com

iPixel LED Light Co. , Ltd

Outline Dimension：（Unit：mm）

16.6mm

150

5000

4P JST SM connector

12

14

Silicon Tube Size

Cording Diagram

5V 70A

5V 70A

NOTICE

NOTICE

1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th

5pcsx5m

5pcsx5m

GND
CLK
DAT
GND
+5V
SD
SET MODE SPEED-SPEED-

MODEL SPEED

NO.1

N

L

AC 110 / 220V
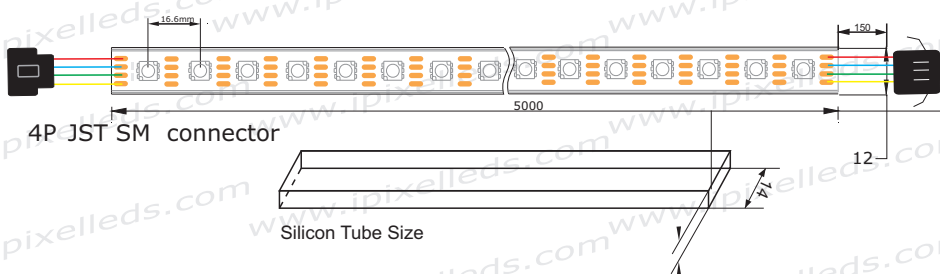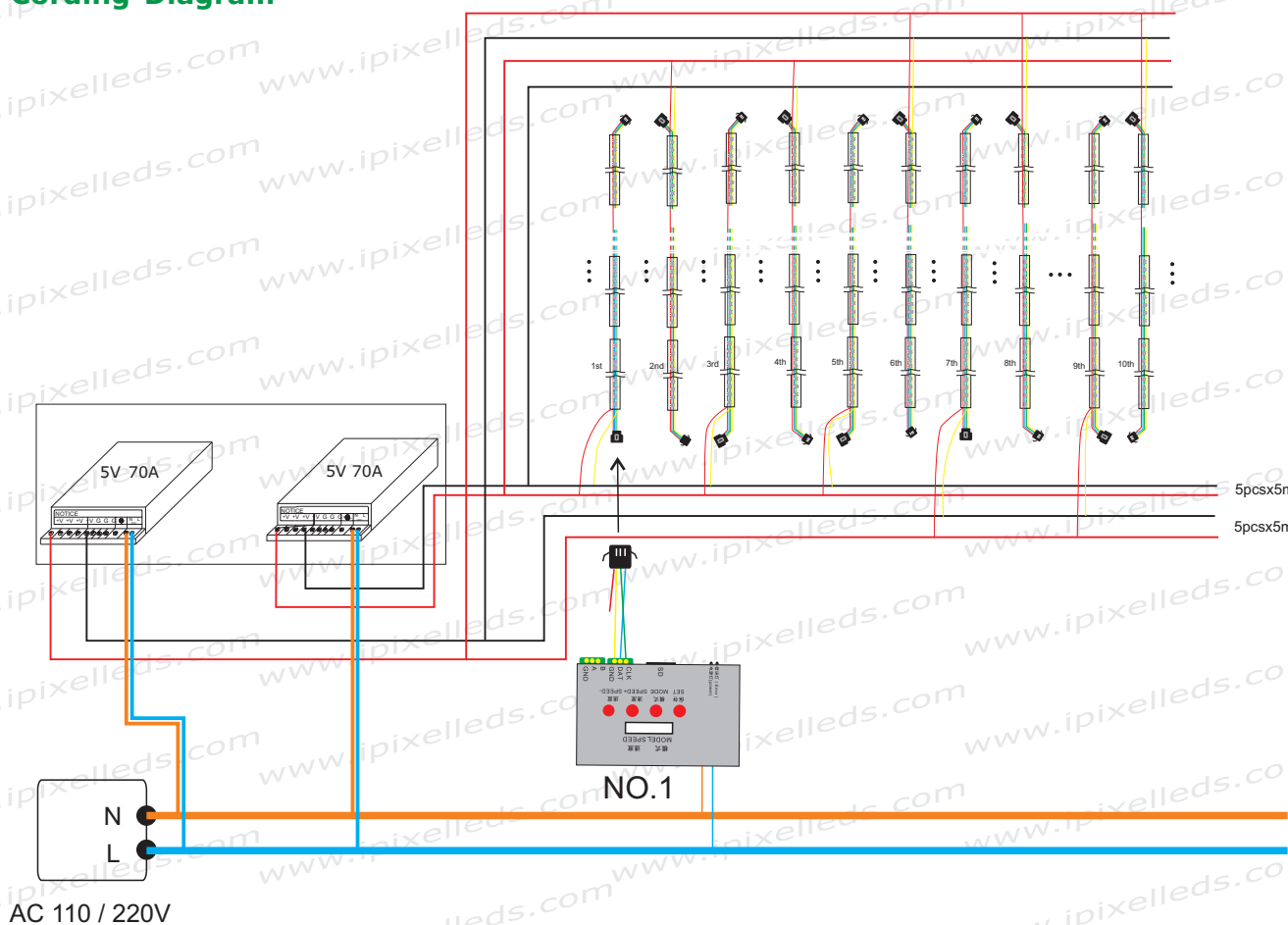
This strip 60Pixels (IC) per m,5m/roll (300Pixel),T-1000controller support 2000Pixel Max,
1 Roll strip total power is 72W (5m),each 5V70A(350W) works 4rolls of strip .
You also could use T4000、T8000 SD controller for more LED pixels

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