



# iPixel LED Light Co. , Ltd



## White&Warm White&Amber Color Addressable LED Tape

### Description :

- Top SMD internal integrated high quality external control line serial cascade constant current IC;
- control circuit and the chip in SMD 5050 components, to form a complete control of pixel, color mixing uniformity and consistency;
- built-in data shaping circuit
- gray level adjusting circuit (256 level gray scale adjustable);
- Using a typical data transmission frequency of 800 Kbps, when the refresh rate of 30 frames per second
- the transmission distance between two points over 10M;
- 5meter per roll,Cut-able of each single LED/Pixel

### Main Application :

- Full color LED string light, LED full color module, LED super hard and soft lights, LED guardrail tube, LED appearance / scene lighting
- LED pixel screen, LED shaped screen, a variety of electronic products



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## Technical Parameters:

Light source	Epistar 5050 SMD LEDs
Beam angle	120 deg.
Operating voltage	DC5V
Consumption watts per 60 LEDs/M	14.4(max)W
Pixel pitch (mm)	P16mm
Pixel resolution (Dot/m <sup>2</sup> )	3600
Entire piece LED quantity	60 pcs
Printed circuit board thickness	0.25mm
Operation Temperature	-40°C-40°C
Storage Temperature	-10°C-50°C

## Technical Parameter

Part Number	Emitting	LED	Voltage	IC	Current	Color Temperature	waterproof
	Color	Quantity	(V)		(A/1m)		
S606812WWY	WWA	60/1M	5	Sk6812	2.88A	W:6000-7000K/WW:2700-3000K /Amber:1800-2000K	IP20/IP65



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



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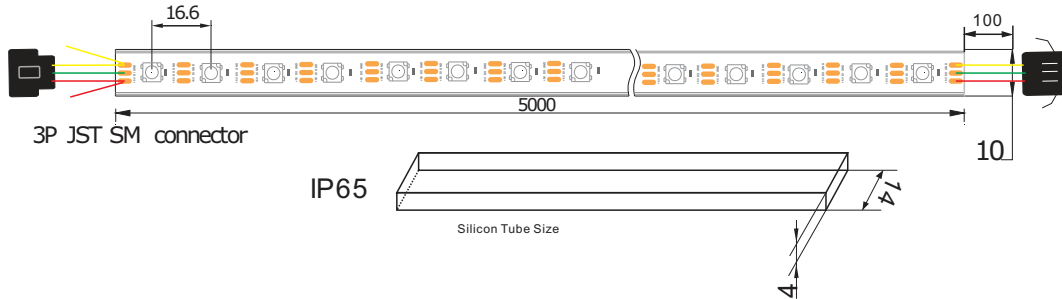
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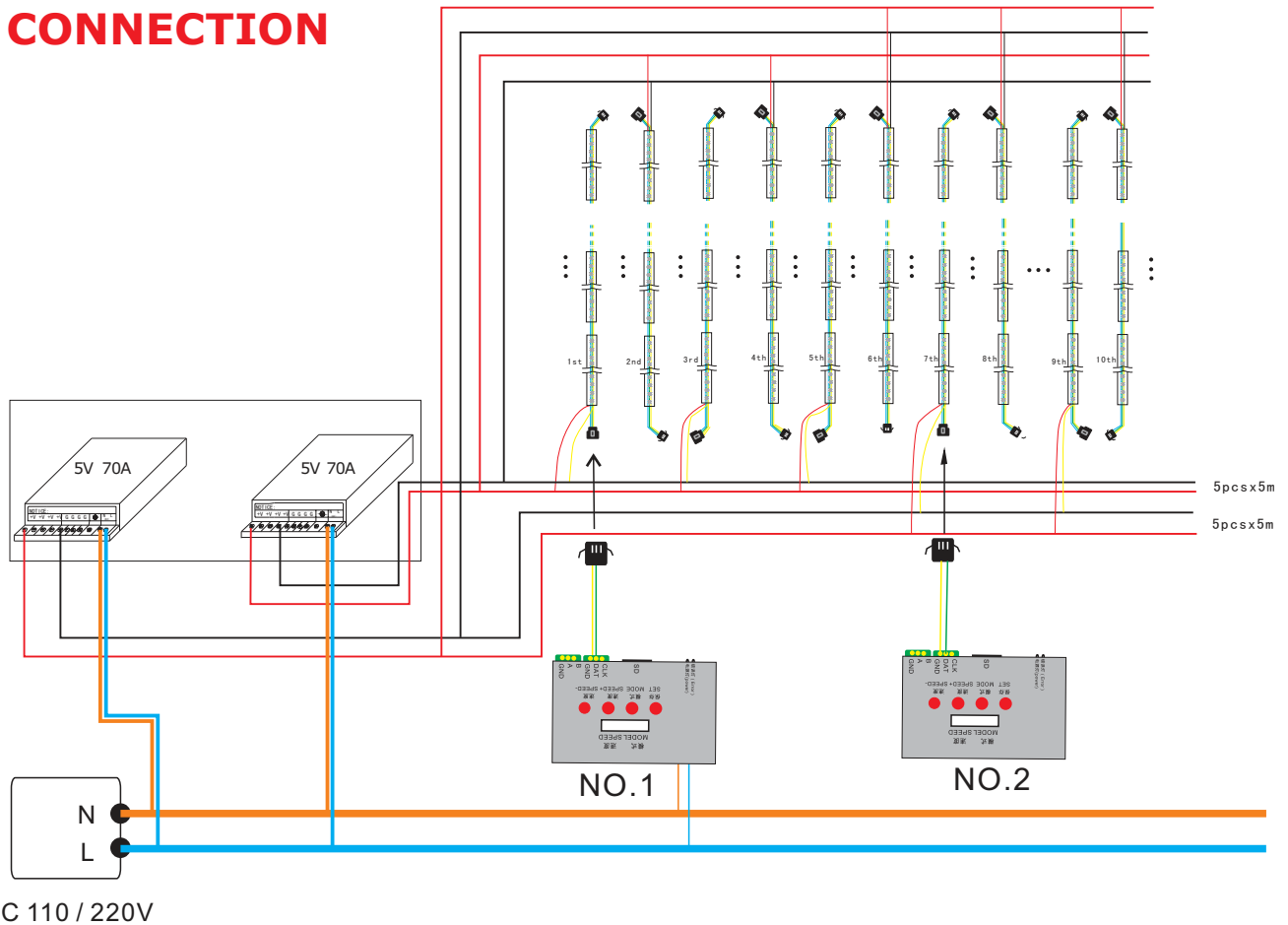


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## Outline Dimension: (Unit:mm)



## CONNECTION



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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