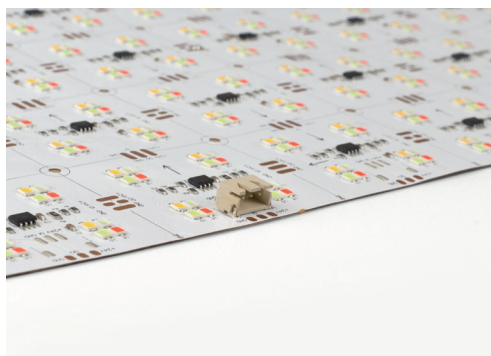




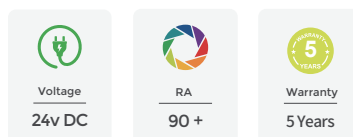
PRODUCT SPECIFICATION

LED SHEET LIGHT

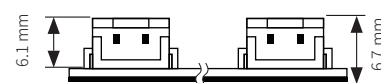
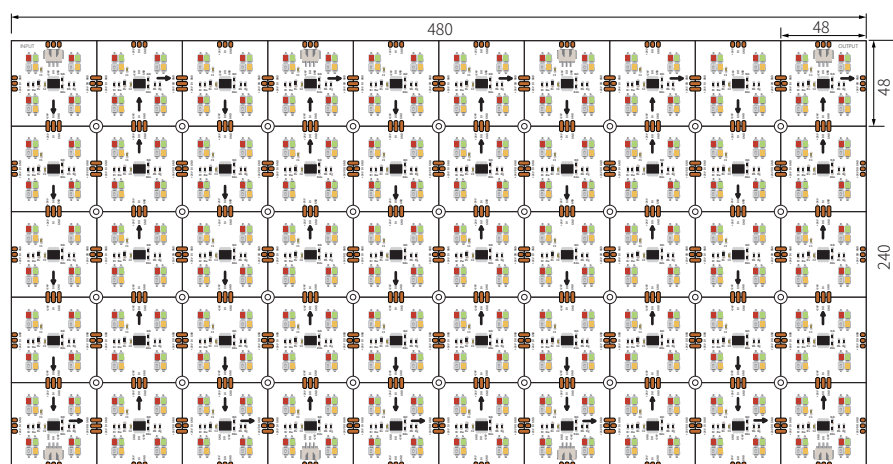
• SPI RGBW



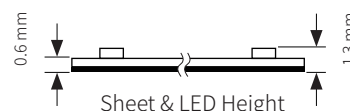
- Customizable flexible LED panel;
- Cut along the scissors symbol. It is used in different scenes, and is widely used in large-size luminous areas such as positive light boxes and bar counters;
- 5 years warranty, working life ≥ 50000 hours.



Dimension structure



Terminal Height

Unit: mm
Cross section

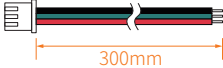
Technical Data

Product name	SPI RGBW LED Sheet Light	IC model	UCS2904B
INPUT voltage	DC24V	LED Q'ty/PCS	800 LEDS/PCS
Power/pcs	92 W/pcs	LED type	2835
RA/wave	R: 620-630nm G: 505-515nm B: 460-470nm W: (2700-6500)>90	Working temperature	-20°C~ 40°C
Color temperature	RGBW(2700K-6500K)	storage temperature	-25°C~ 60°C
warranty	30000H	cut length	48*48mm
		PCB size	480*240mm
		PIX	50 PIX/PCS



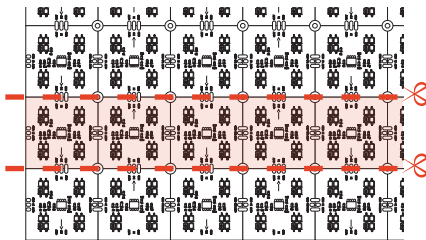
CCT(K)	RA	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	CC/CV
R	620-630nm	DC24V	28.5	285	10	48*48	CV
G	505-515nm	DC24V	28.5	997	35	48*48	CV
B	460-470nm	DC24V	28.5	540	19	48*48	CV
W(2700K/3000K/4000K/6500K)	≥90	DC24V	28.5	1535	54	48*48	CV
RGBW	/	DC24V	92	3220	35	48*48	CV

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
Two-end connector with short cable		Inner core: 20AWG		Digital: BlcakV+、Green G、Red R
One-end connector with long cable				

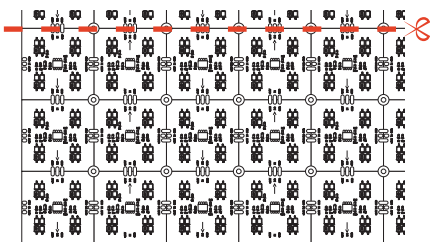
Cutting Mark

Horizontal single row



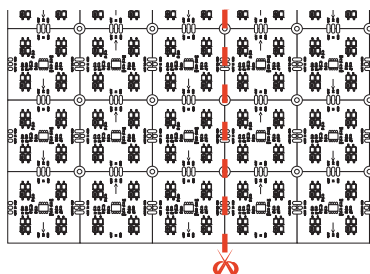
1. As shown in the figure, it needs a single row, and can be cut horizontally along the board line, do not cut to the components.

Horizontal multiple rows



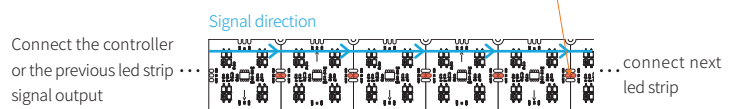
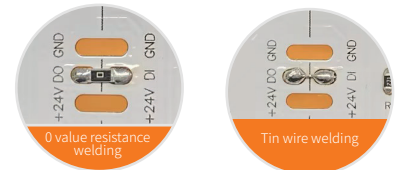
1. As shown in the figure, multiple rows are required, can be cut horizontally along the board line, do not cut to components.

Vertical



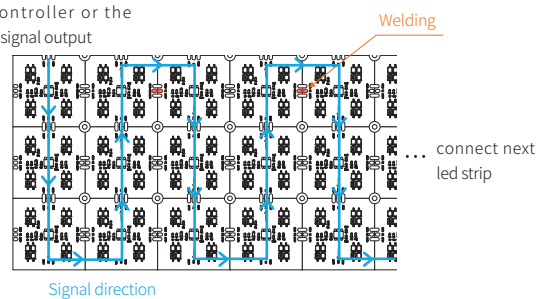
1. As shown in the figure, can be cut vertically along the board line, and please do not cut to the components

Welding method:

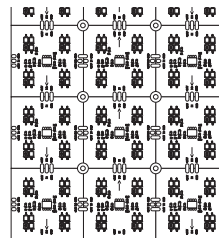


2. As shown in the figure, use 0 value resistance welding, or tin wire welding

Connect the controller or the previous led strip signal output



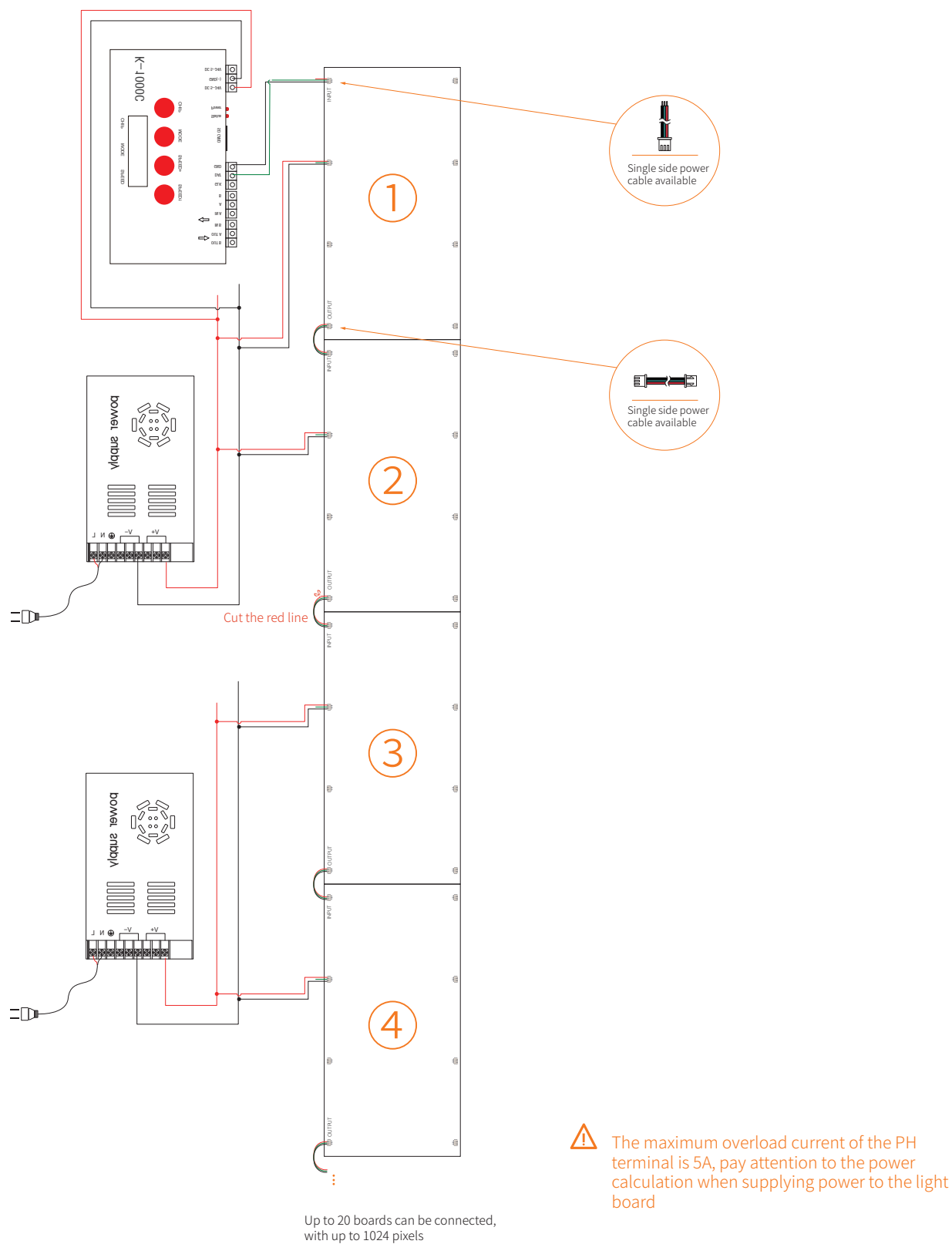
2. As shown in the figure, according to the signal direction, weld the welding points at the cutting edge at intervals, use 0-value resistance welding, or solder with tin wire (to ensure the continuity of signal transmission)



2. As shown, no soldering required

⚠ After cutting all the light panels, pay attention to the transmission of the signal direction

Connection diagram



Notes

- ※ Before use, please check whether the product has been damaged during transportation.

If it is damaged, please do not install it;

- ※ Please check the voltage range before use, and select the right power supply for use;

- ※ Best working environment temperature: $-20^{\circ}\text{C}\sim+40^{\circ}\text{C}$;

- ※ Best storage environment temperature: $-25^{\circ}\text{C}\sim+60^{\circ}\text{C}$;

It is recommended to install the product in a place with good ventilation and heat dissipation.

- ※ Because the sealed space will affect the heat dissipation of the product;

Please turn off the power supply during installation, and then turn on the power after installation.

- ※ Do not touch the product during use;

- ※ Pay attention to ESD prevention during installation and use;

- ※ It can be used indoors or outdoors according to the different waterproof levels of the product;

- ※ During use, please avoid looking directly at the luminous body with your eyes;

Please strictly follow the product parameters and instructions when use.