

Note : The pictures in the Product Specification are for reference only, please refer to the actual product.

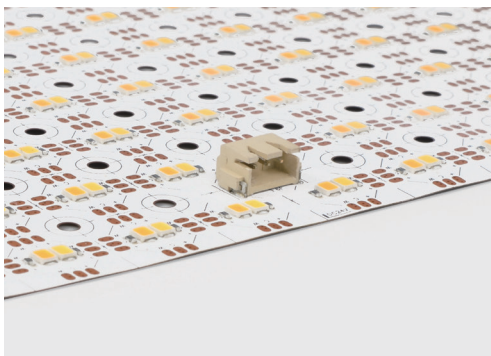
PRODUCT SPECIFICATION

# LED SHEET



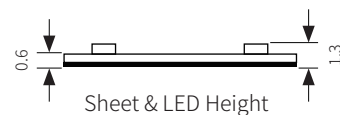
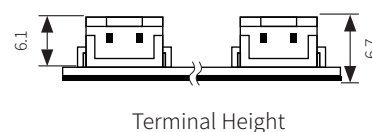
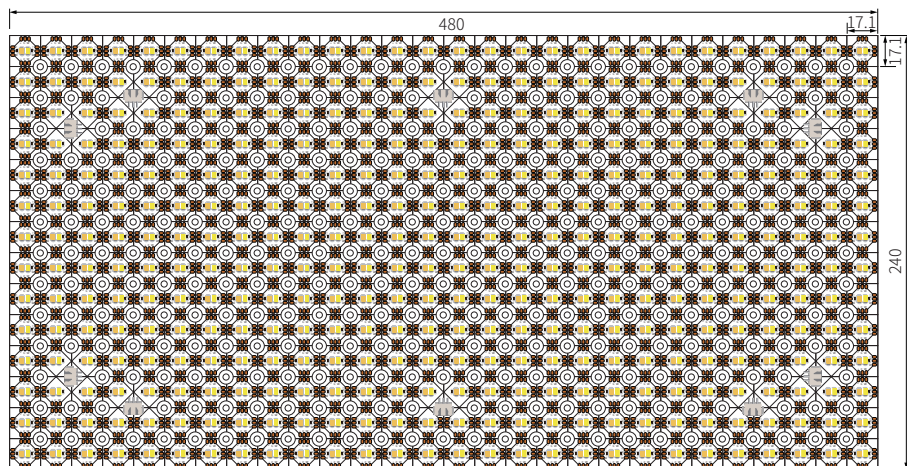
LED SHEET 784  
ST2Q784V24





- 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, long-life LED  $\geq 50000$  hrs.

Dimension structure ( Unit: mm )

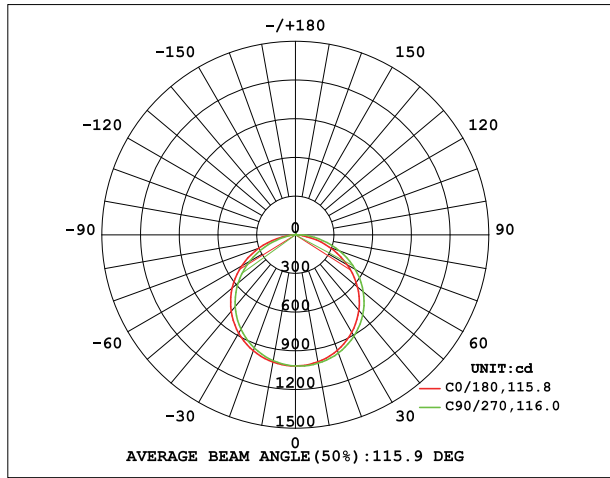


Cross section

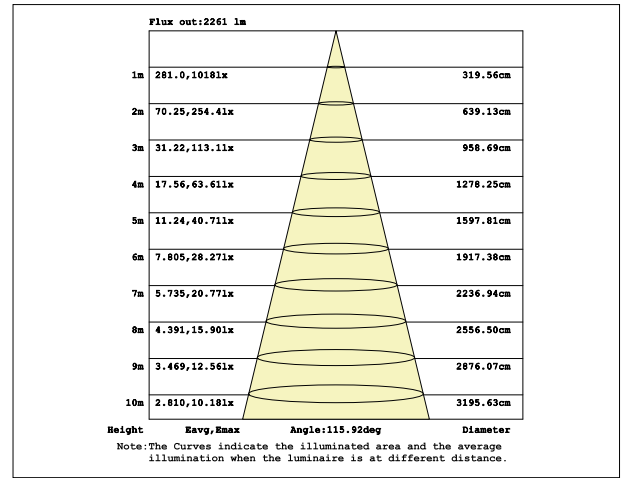
Technical Data

Model	ST2Q784V24-Ca	LED Q'ty/PCS	784 LEDS/PCS
INPUT voltage	DC24V	LED type	2835
Power/pcs	32 W/pcs	Working temperature	-20°C~ 50°C
RA	$\geq 90$	Storage temperature	-25°C~ 60°C
Color temperature	2700K+6500K	Cut length	17.1*17.1mm
Warranty	50000H	PCB size	480*240mm

Light Distribution Curve



Illuminance curve

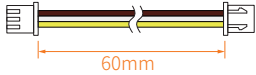
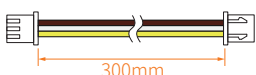



Note: The above data is based on 24V, 32W/M, dual colour with 2700K+6500K colour temperature. If you need IES files for other types, please contact our sales department.

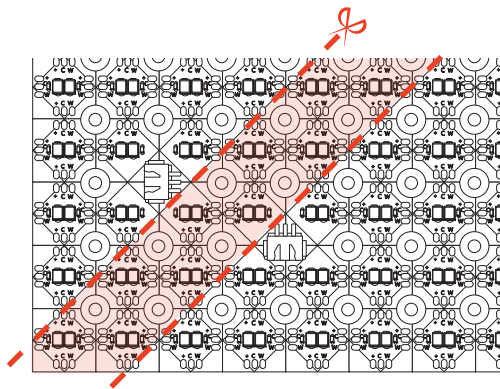
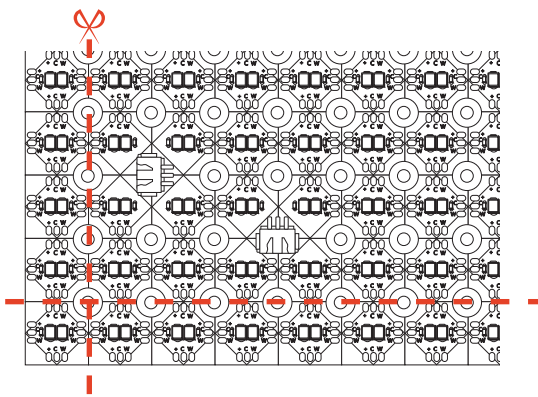
Parameter Table

CCT(K)	SDCM	RA	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	CC/CV
2700	3	≥90	DC24V	16	1248	78	17.1*17.1	CV
6500	5	≥90	DC24V	16	1328	83	17.1*17.1	CV
2700+6500	--	≥90	DC24V	32	2560	80	17.1*17.1	CV

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
Two-end connector with short cable		Inner core: 20AWG	● ● ●	Brown V+, White W, Yellow WW
Two-end connector with long cable		Inner core: 20AWG	● ● ●	Brown V+, White W, Yellow WW
One-end connector with long cable		Inner core: 20AWG	● ● ●	Brown V+, White W, Yellow WW

Cutting Mark

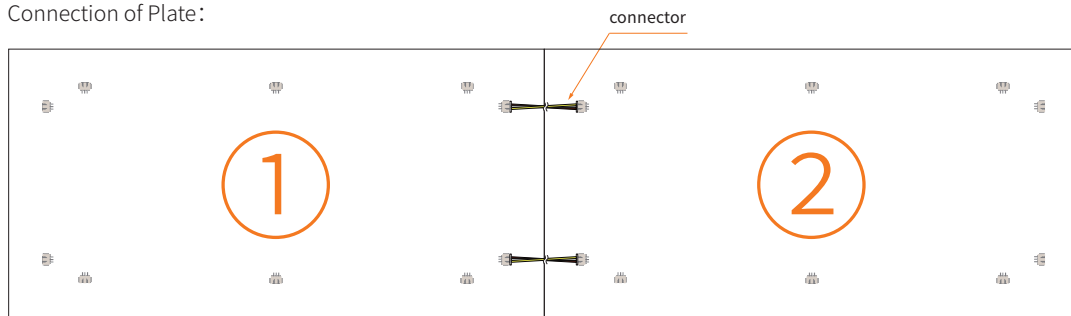


1. As shown in the figure, horizontal cutting, vertical cutting can be carried out along the lines on the panel. When cutting, do not cut components by mistake.

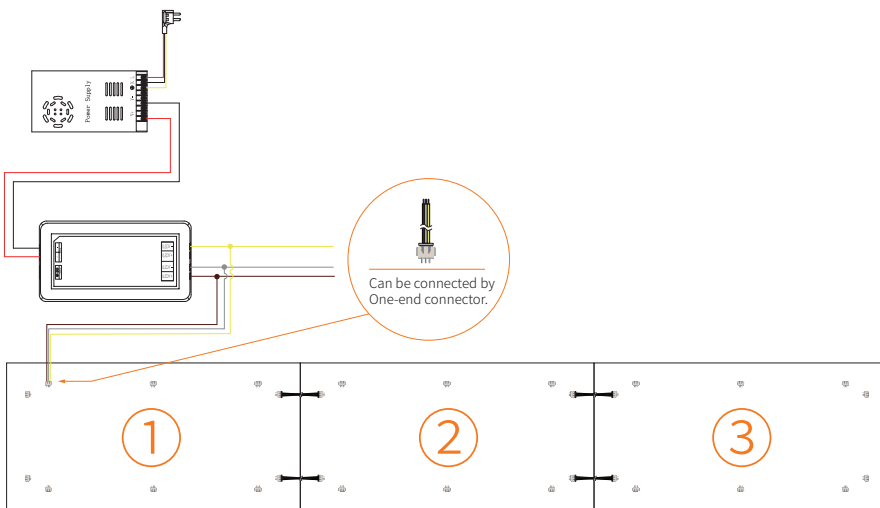
2. As shown in the figure, when cutting obliquely along the lines on the panel, it is necessary to pay attention to interval cutting. When cutting, do not cut components by mistake.

## Connection Diagram

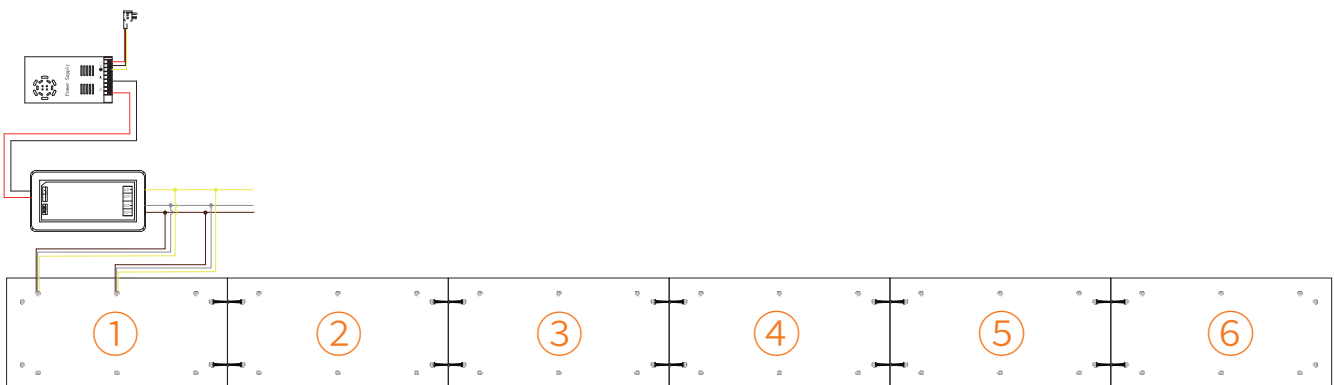
Connection of Plate:



Single Power Supply Point:



Series Connection:



**⚠** The maximum overload current of the PH terminal is 5A.  
A single power supply point carries a maximum of 3PCS plates, and a maximum of 6PCS plates in series.

## Notes

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- ※ 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°C~+50°C;

- ※ Best storage environment temperature: -25°C~+60°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.