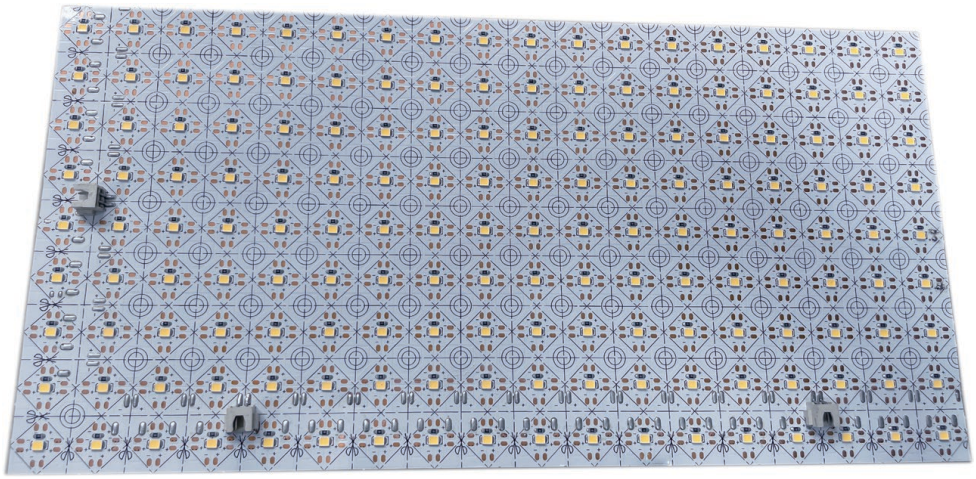
24V LED SHEET 5000K

LCFLS24V-46W-50K-IP22



DESCRIPTION

This LED sheet is a kind of low energy consumption and high Lumen output backlight system. It can be optimized to suit for variable application by specifying module length,horizontal and vertical module spacing, as well as module direction for single or double sided use; This light is ideal solution for back lighting graphics; It is perfect for large size and curved lighting boxes.

FEATURES

- Ultra-thin flexible LED sheet
- Cuttable matrix at 1 LED per segment
- Constant Voltage 24V DC input

SPECIFICATIONS

MODEL	NOMINAL CCT	LUMINOUS FLUX LM / pc	LIGHT EFFICIENCY LM / W	CRI	INPUT VOLTAGE	IP RATING
LCFLS24V-46W-50K-IP22	5000K	2280	97	90+	24V DC	IP20

- Limiting Control Method: CV - Constant Voltage
- Power Consumption: 23.5W/pc
- Beam Angle: 120°
- LED Density: 648LEDs/pc
- Cuttable Segments: 16.77mm X 16.88mm
- Dimension: 604mm X 302mm
- Operating Temperature: -25°C to +60°C
- Mounting Non-Porous: 3M double sided Tape
- Board Type/Color: 2oz Density, White PCB
- Luminous Flux maintenance: 50,000 hrs
- Segment Width: 302mm
- Dimmer: DMX PWM, RF PWM, 0-10V, MLV Incandescent

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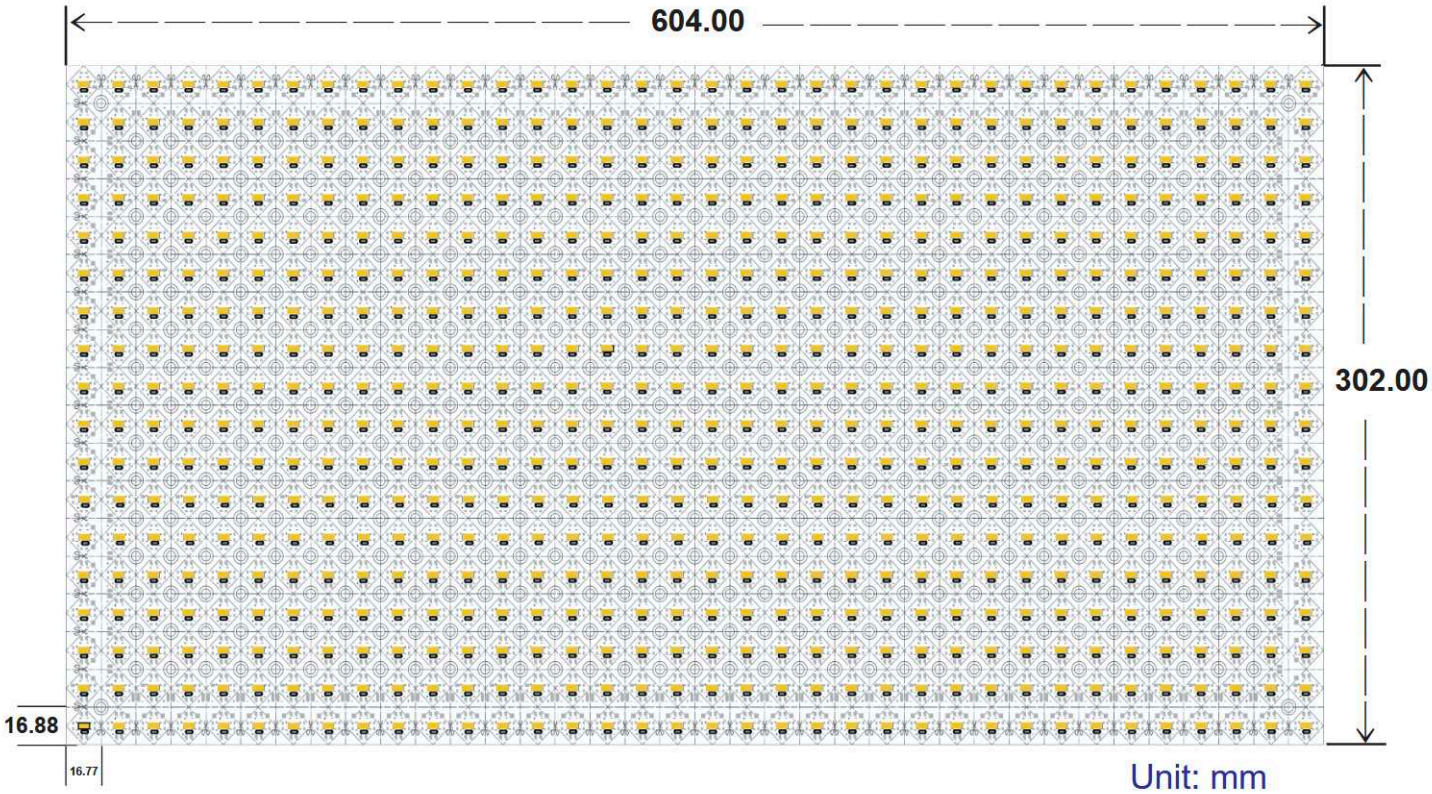
DIMENSIONS

Length (mm): 604 / **Width** (mm): 302 / **Thickness** (mm): 8 / **LED Quantity**: 648 Leds/pc



NOTES

1. Chaque LED est individuellement découpable verticalement ou horizontalement (voir schéma).
2. Pour faciliter l'installation, un seul type de fil est fourni. Lors du branchement à l'alimentation, la LED s'allumera si la connexion est correcte. Sinon, recommencez en suivant les instructions. Veuillez consulter le guide de connexion.

INSTALLATION

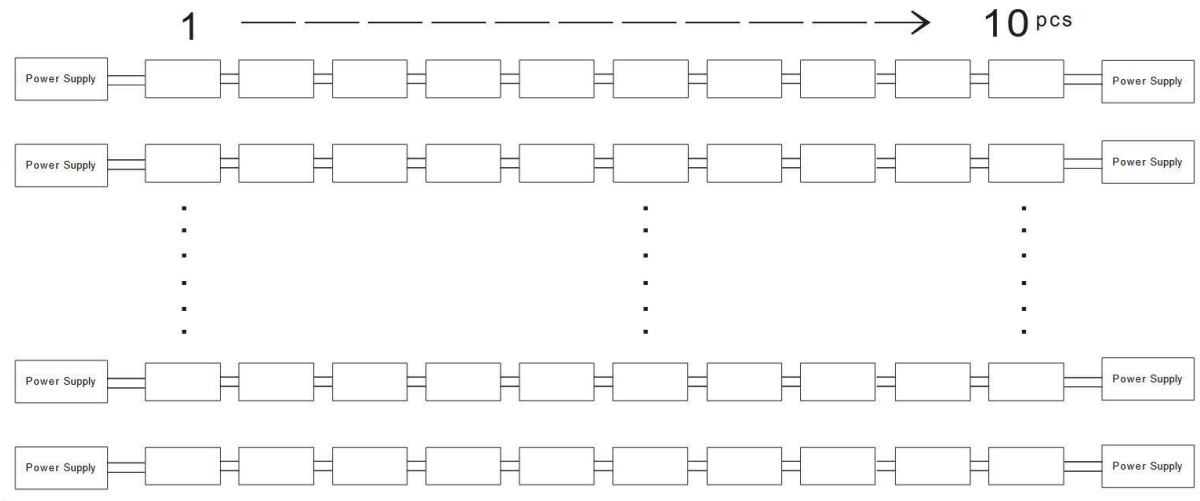
Attached using 3M ultra-thin adhesive tape on the back or fixed with screws.

CONNECTION GUIDE

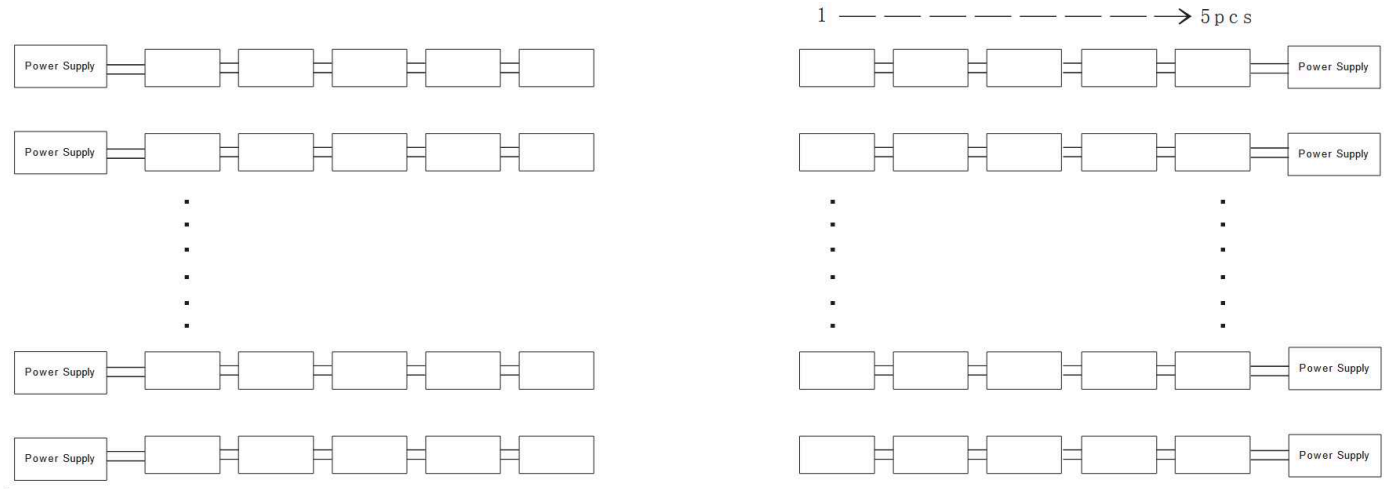
Determine your system components, including a 24V Class 2 power adapter and an optional dimmer.

Wiring with Power Adapters:

Use an adapter to connect the LED sheet to your power source.



Double side power supply



Single side power supply

Cable UL 20AWG Max C= 5A
Max cascading series connection 5PCS

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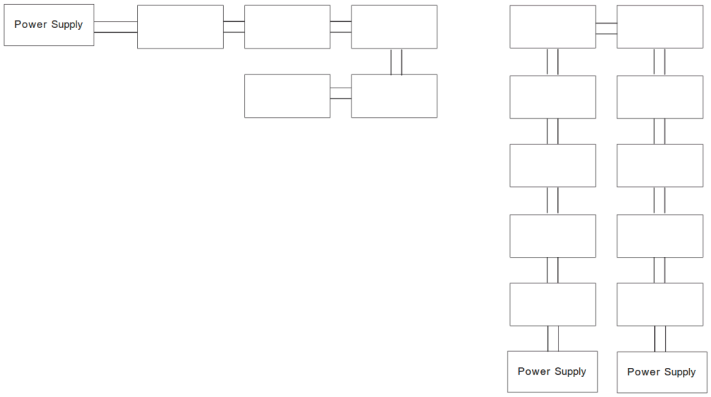
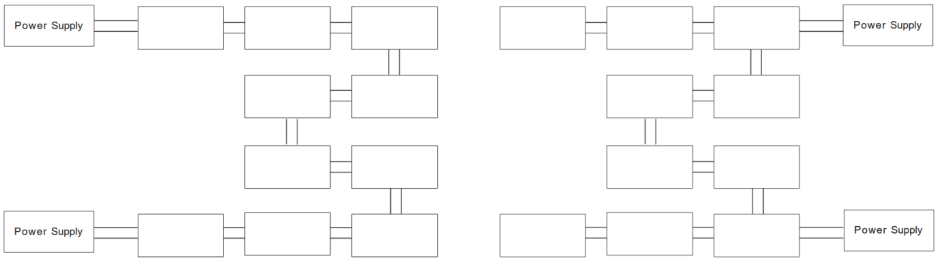
CONNECTION GUIDE

1. Line Style

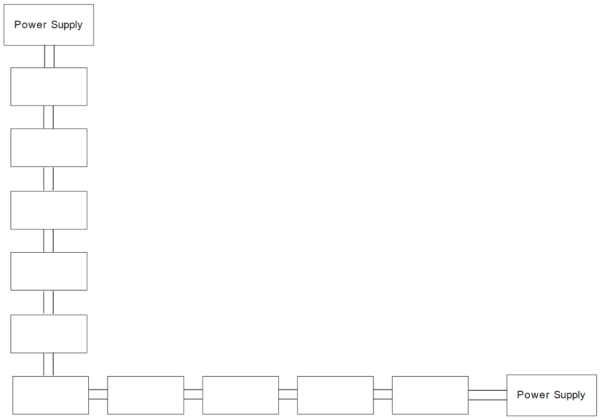
2. N Style



3. M Style



4. L Style



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