**Model Number:**
FLS-24V-WHITE-2835-242

SuperlightingLED is committed to provide high quality LED lighting product and superior service for market.

1. The LED are packaged with pure gold wires and large-size chips.

2. Only one Bin LED is used for each order, and keep the same Bin LED in subsequent orders to ensure the consistency of the product.

3. The production process adopts high-temperature, lead-free SMT technology, the solder joints are smooth and full.

4. Use double-layer PCB to ensure stable electrical performance.

5. Use original authentic 3M tape, strong and long-lasting adhesion.

6. A variety of installation accessories are optional, flexible and convenient to use.

7. Different IP grade are available: IP20, IP54.

8. High light transmittance, environment friendly silicone material is used for waterproof product, colorless, odorless and anti-yellowing.
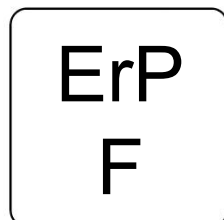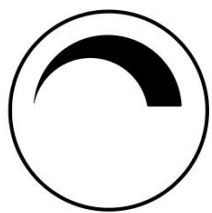
| ErP F	IP20		IP54	
	CRI 80	CRI 90	CRI 95	CRI 97

CE RoHS 2011/05/30

Product description

1. Dimensions: 490*245mm

2. Power: 28W/PCS

3. LED type:

   Lumileds SMD2835, high brightness LED

4. LED quantity: 242LEDs/PCS

5. LED color: white ,1800-9000K

6. Cut length:

   DC12/24V 1LEDs/ 22.3*22.3mm

7. PCB material: double layer FPC

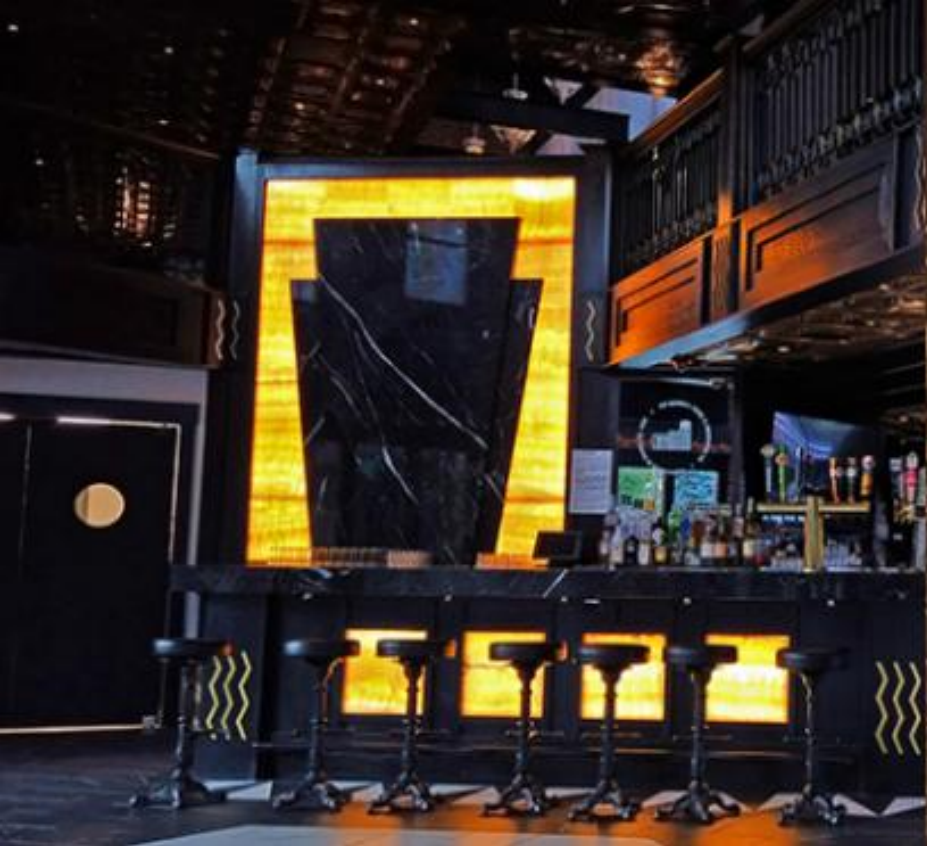8. Life time: 36000hours

9. IP grade: IP20, IP54

Application

Home decoration lighting

Light box lighting stage lighting

Decoration of entertainment places

Other auxiliary lighting
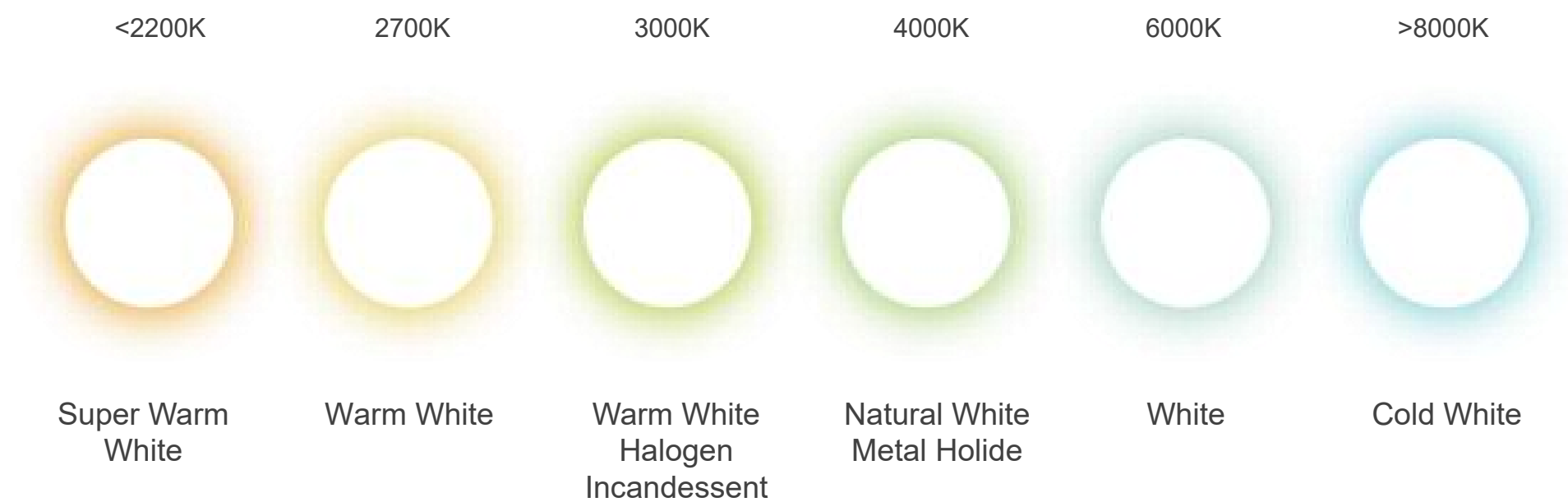
Product picture
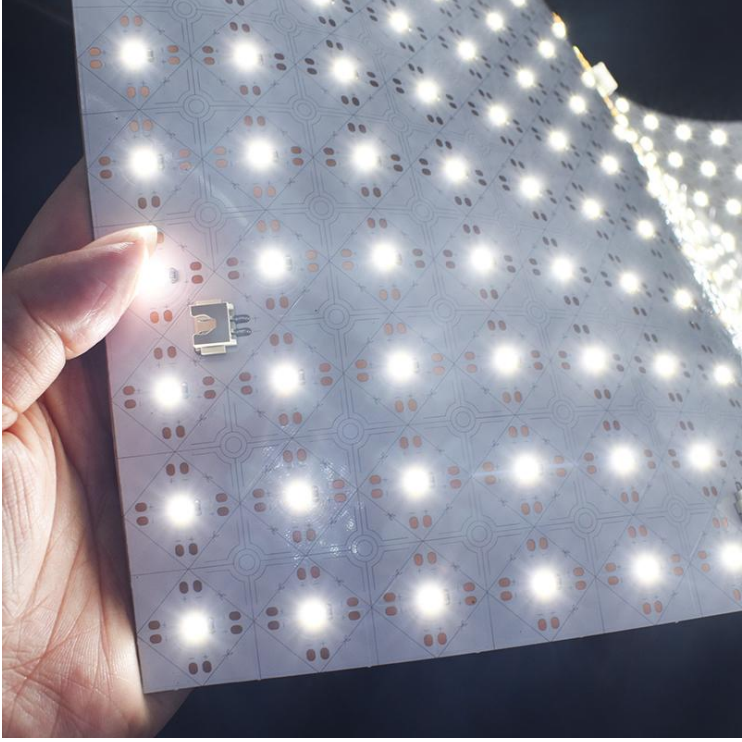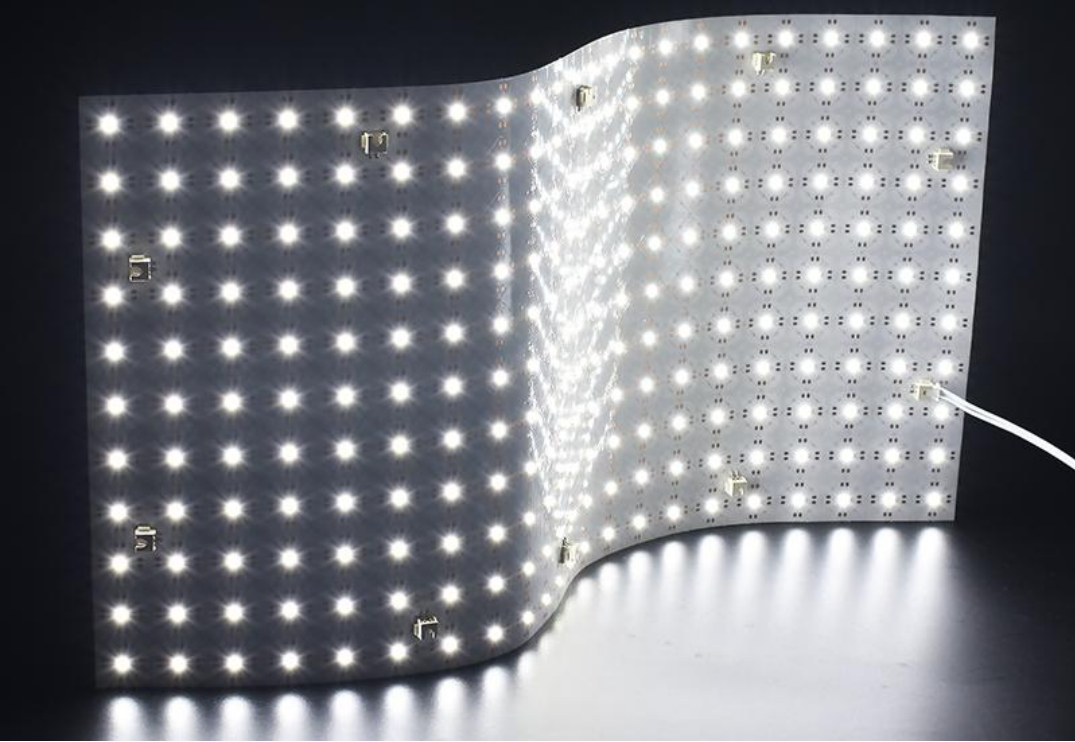
Application scenarios

Technical parameters

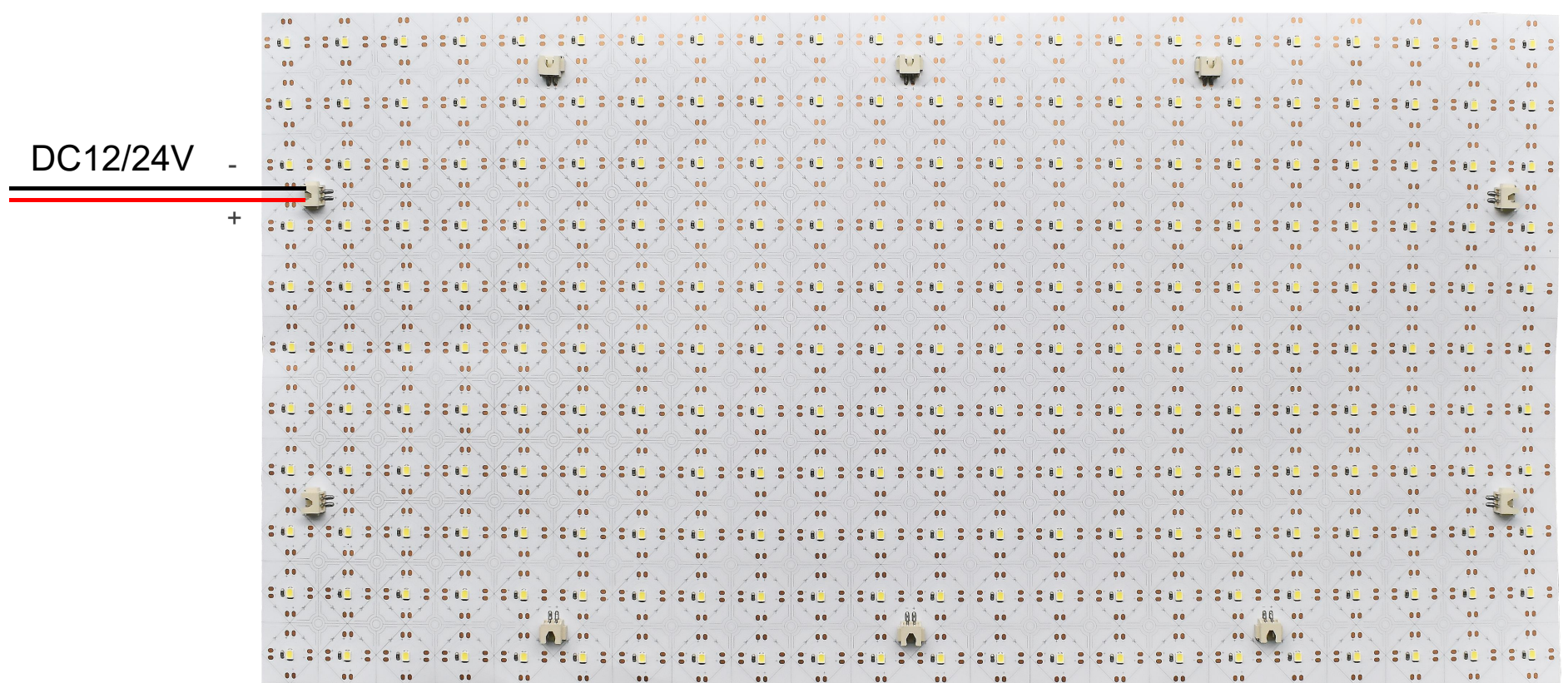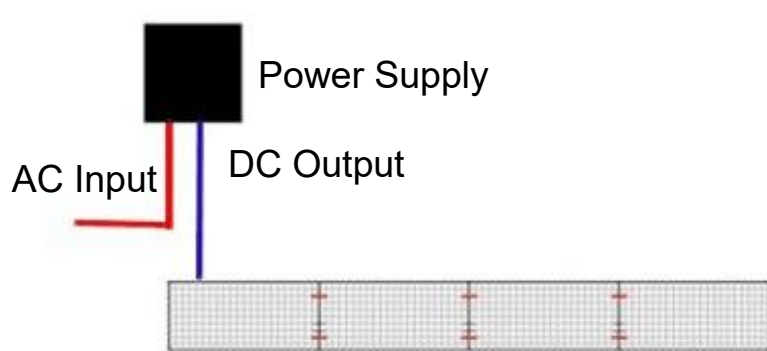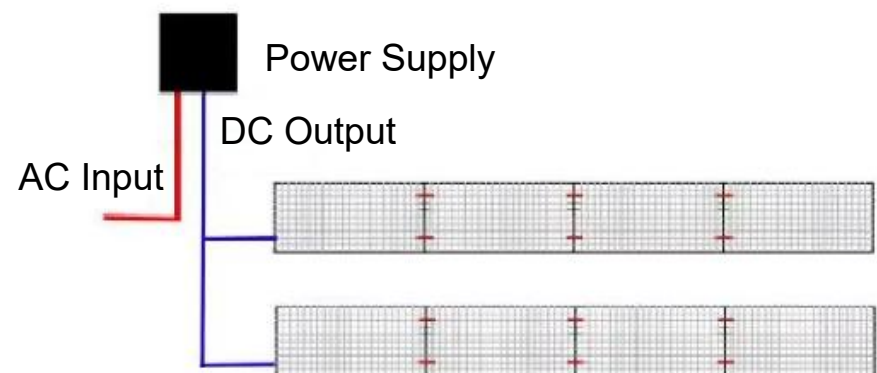| Optical parameters(white)	Electrical performance parameters	Other parameters
Luminous: 2800Lm/m CCT: 1800-20000K CRI: Ra>80 Beam angle: 120° Light efficiency: 100Lm/W	Voltage: DC12/24V Current: 2.33A/1.16A Power: 28W/m	Storage temperature: -20~+60℃ Working temperature: -20~+60℃ Life time: >36000 hours Warranty: 3 years

Dimensions

490mm

22.3mm   22.3mm

22.3mm

245mm

Color standard

<2200K	2700K	3000K	4000K	6000K	>8000K

| Super Warm White | Warm White | Warm White Halogen Incandessent | Natural White Metal Holide | White | Cold White |

Connection diagram

DC12/24V   -
                +

1. Connection method one

Power Supply

AC Input   DC Output

2. Connection method two

Power Supply

DC Output

AC Input

3. Connection method three

Power Supply

AC Input   DC Output
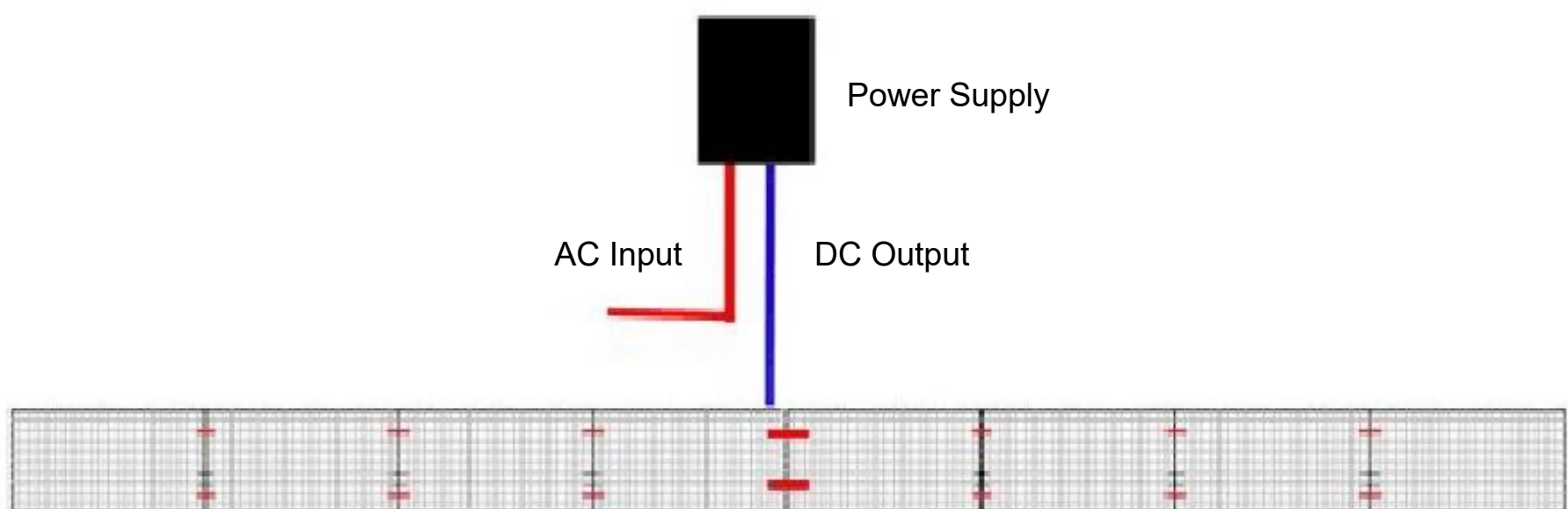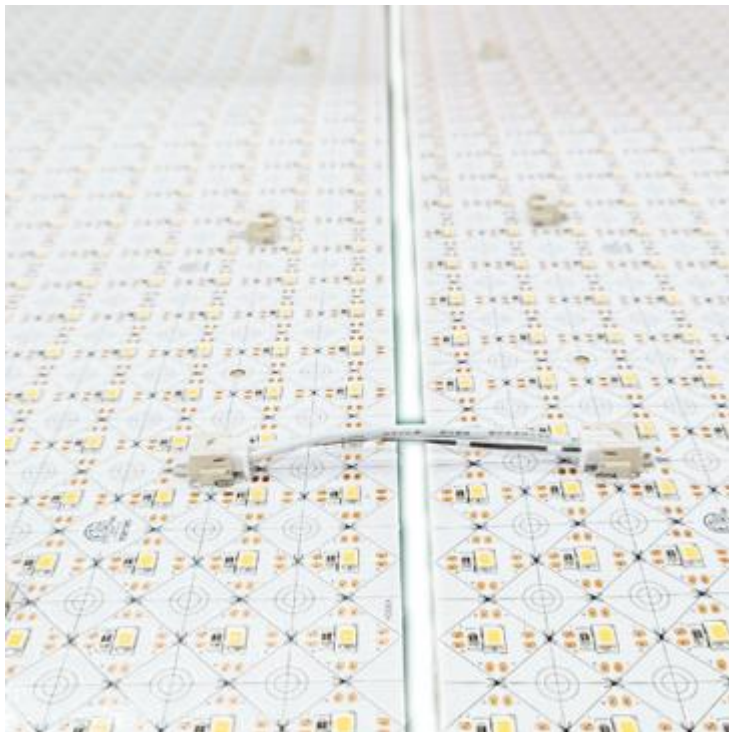
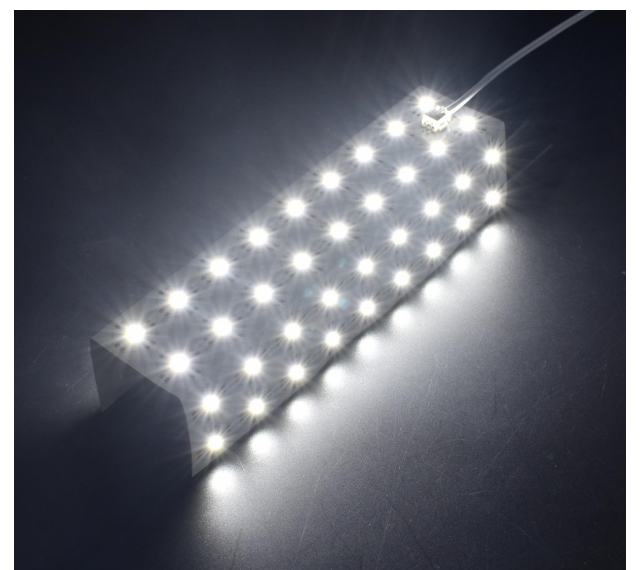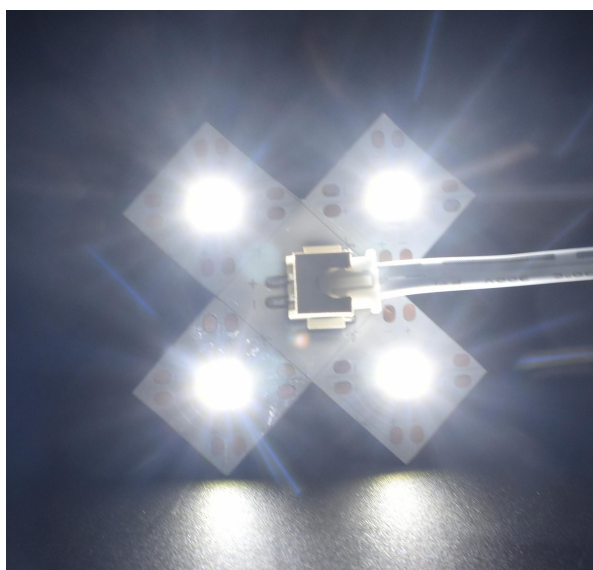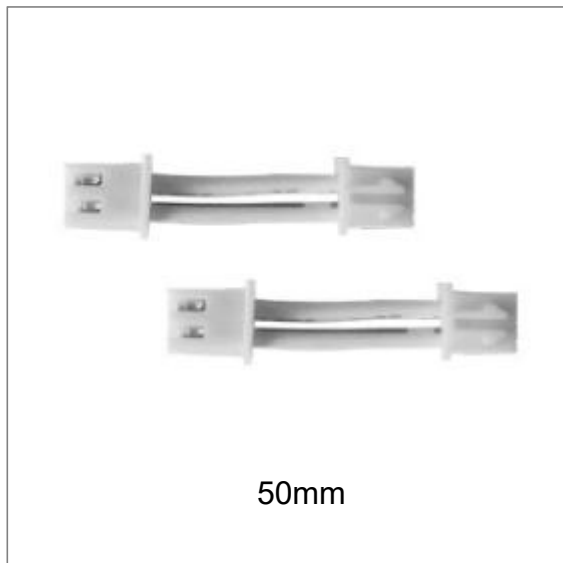# Connect

1LED Cut,With Connector, Free Cutting and Splicing，Eesy to DIY Styling.

Ultra Wide 245mm PCB, No Voltage Drop,Uniform Brightness the Whole Board，Big size easy to Application,No complex connection.
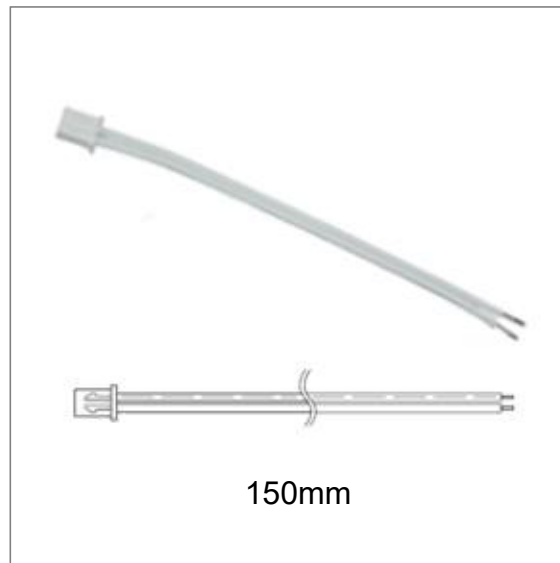
Free Cutting

Accessories

50mm

Connection piece*2

150mm

Connecting line*2

Anti-collision silicone particles*8

SUPERLIGHTINGLED

SuperLightingLED Limited was established in 2011 and has been in the LED field for 13 years. Now it has developed into a high-tech enterprise that is committed to growing to be a worldwide innovation brand of LED Lighting, providing up to 12,000 kinds of LED Strip Light products, covering almost all home lighting fields.

Website: https://www.superlightingled.com/