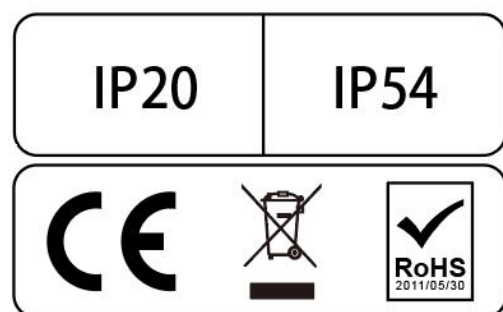
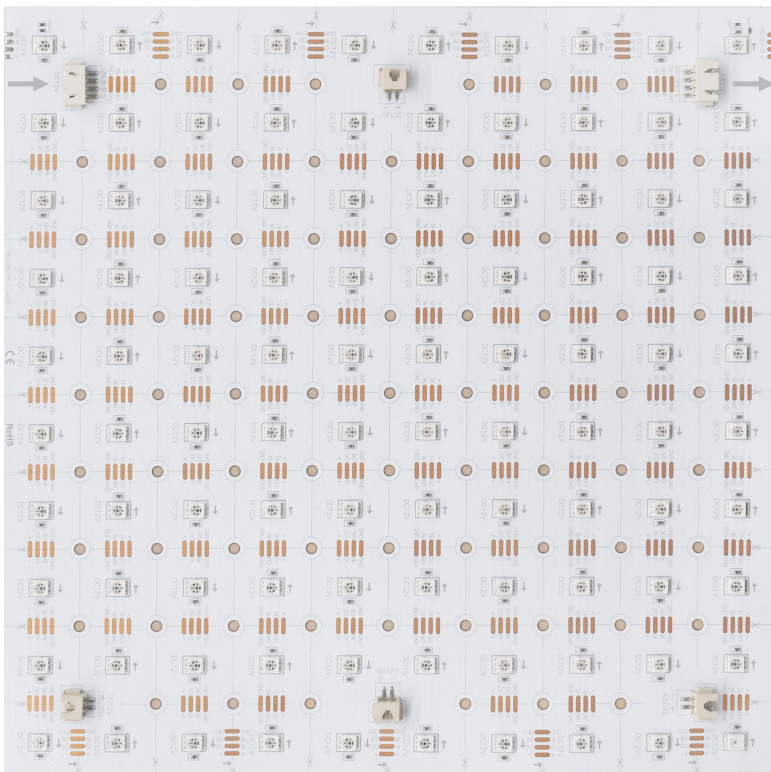


Addressable LED matrix sheet Model Number: FLS-12V-5050-ARGBX100



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.

Product description

1. Dimensions: 250*250mm (10 x 10 inch)
2. Power: 13W
3. LED type: SMD5050
4. LED quantity: 100LED/100Pixels
5. LED color: Full-color LED
6. Cut length: 25x25mm (1 x 1 inch)
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

Product picture



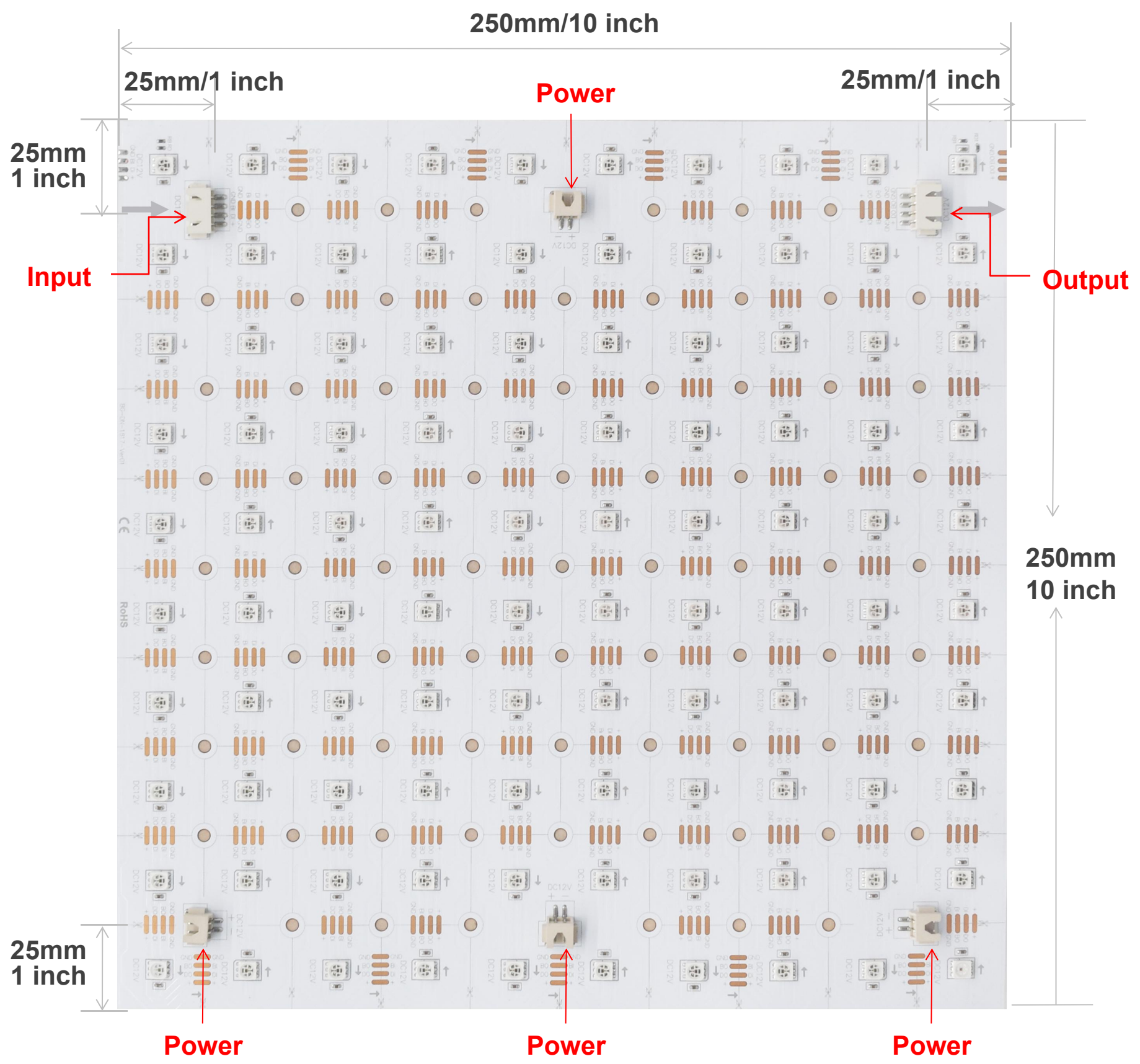
Application scenarios



Technical parameters

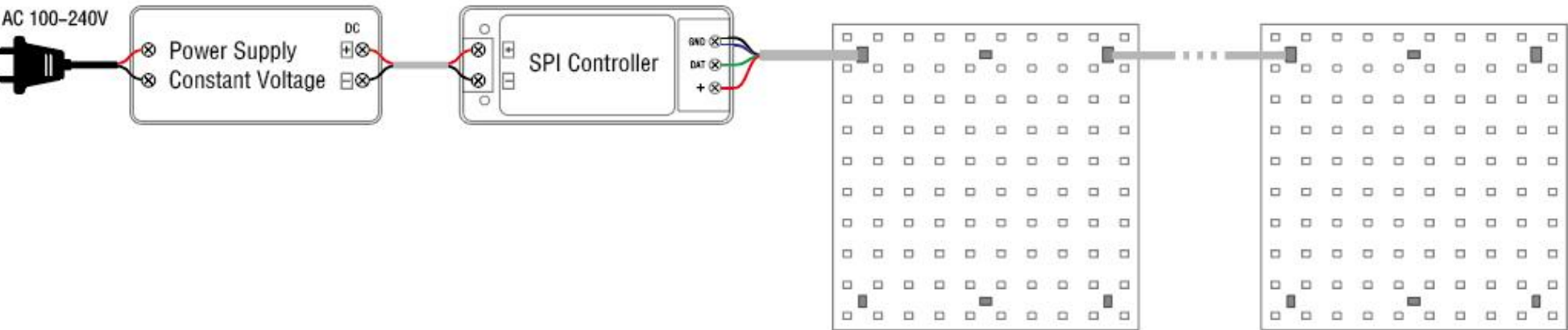
| LED Optical parameters | Electrical performance parameters | Other parameters |
|---|--|--|
| Red: 620-625nm Green: 520-525nm Blue: 465-470nm Beam angle: 120° | Voltage: DC12V Current: 1.08A Power: 13W Pixels: 100 Pixels | Storage temperature: -20~+60°C Working temperature: -20~+60°C Life time: >36000 hours Warranty: 3 years |

Dimensions

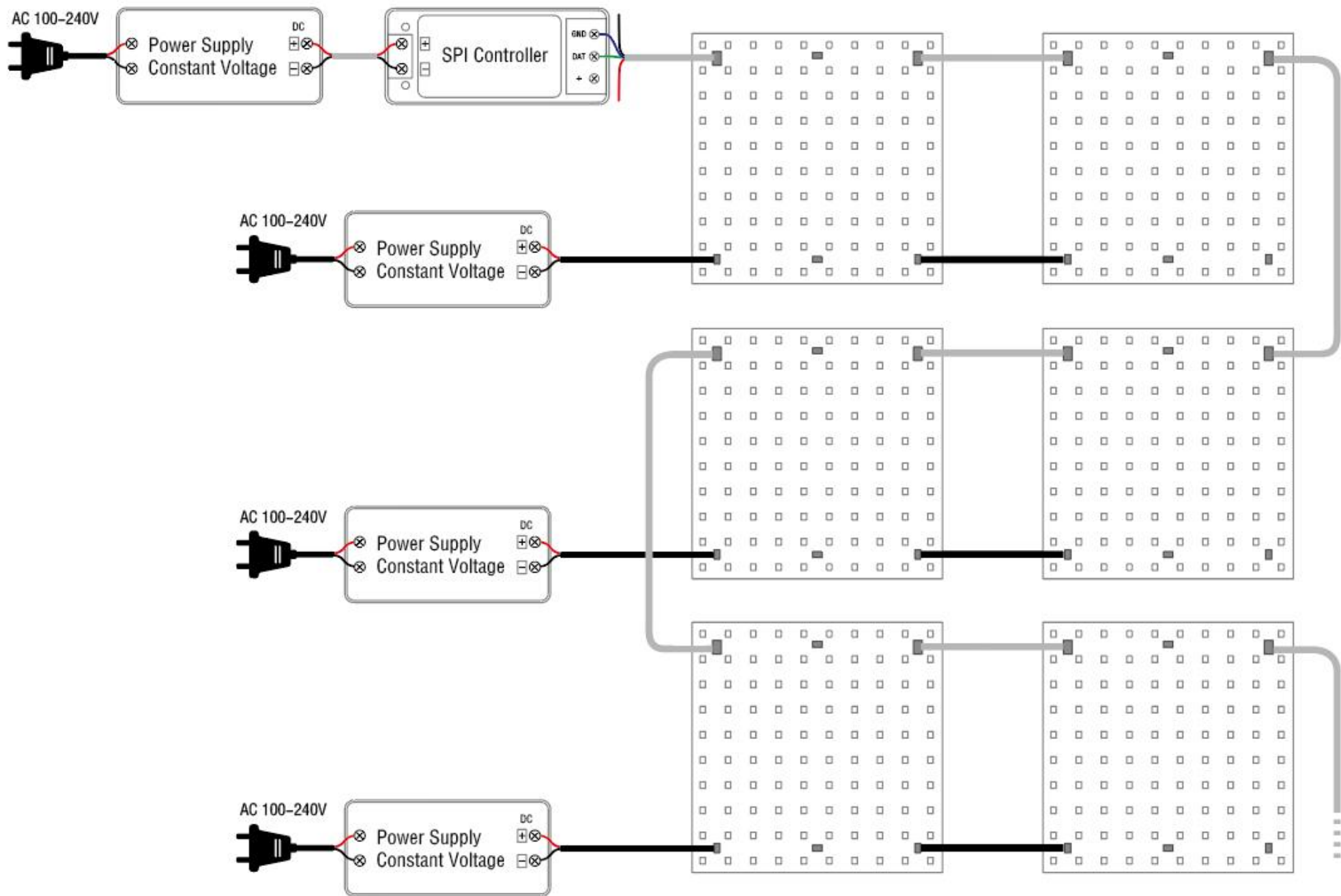


Connection diagram

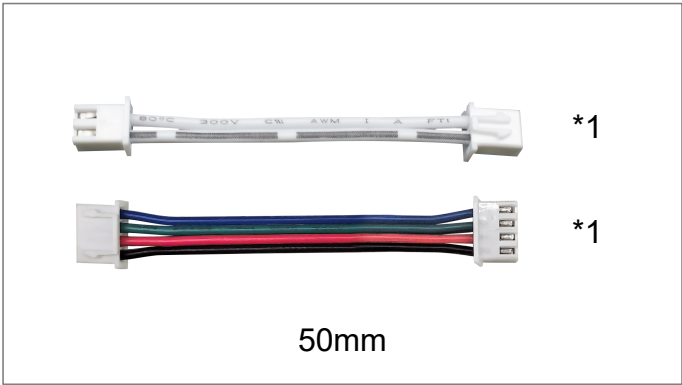
1. Power supply at the controller end (Max 4PCS)



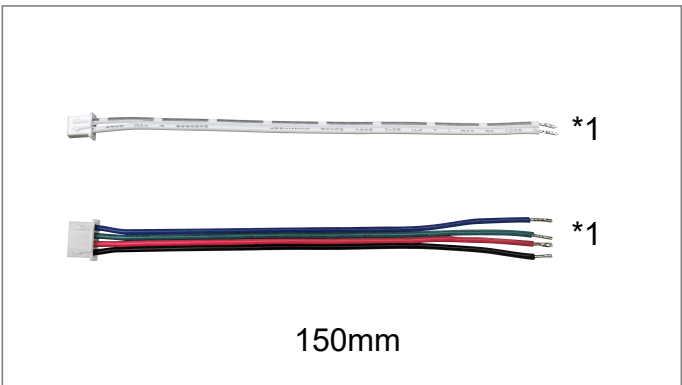
2. Power supply separately (Max 20PCS)



Accessories



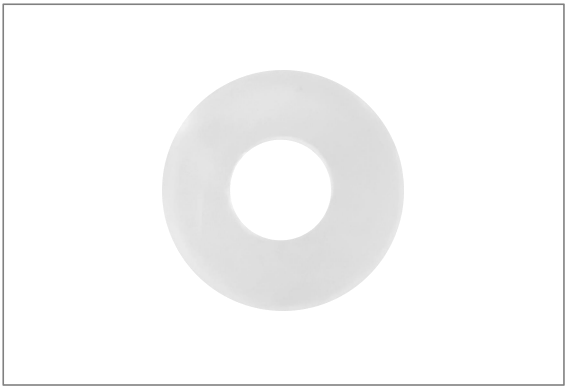
Connection piece*2



Connecting line*2



Screw*4



Screw shim*4



Anti-collision silicone particles*4

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/>