



YJ-LS1210R120 LED Flexible Strip Specification

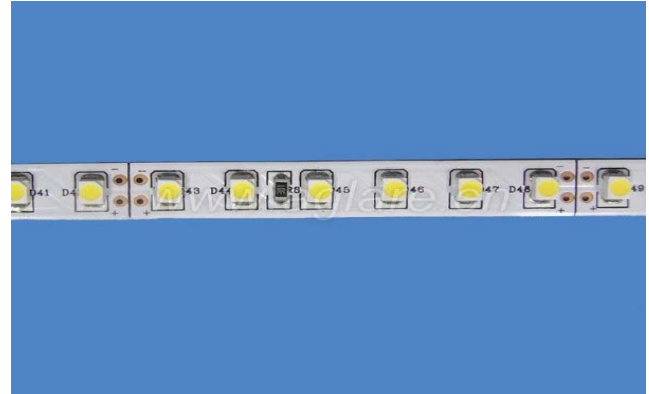
1. Features:

- × Low power consumption, vivid lighting color
- × Defending Electricity Leakage
- × Easy to install, maintenance free
- × Big viewing angle, long lifespan
- × Green product, compliant with ROHS and CE.

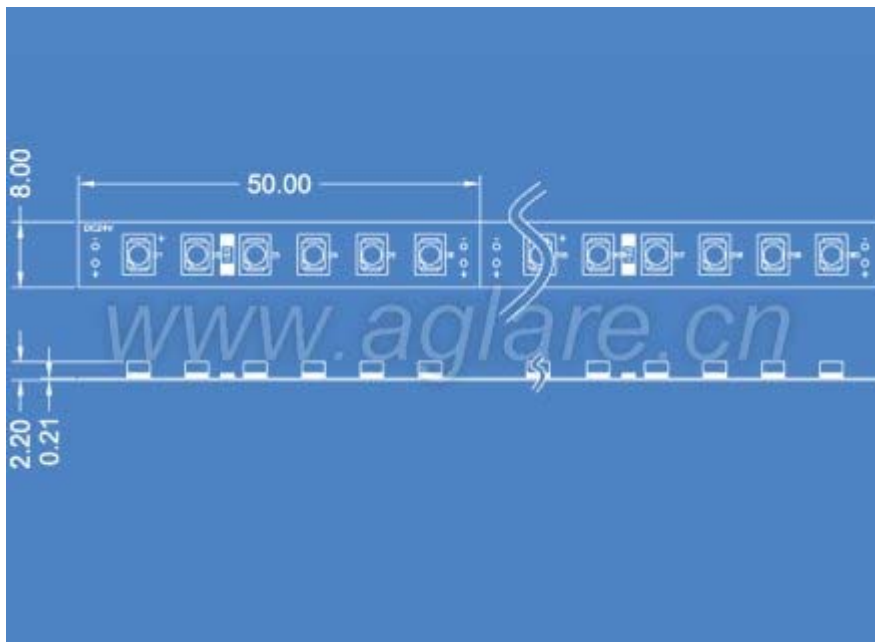
2. Application:

- × Decoration for indoor illumination
- × Slim characteristic for Lighting sign etc.

Picture:

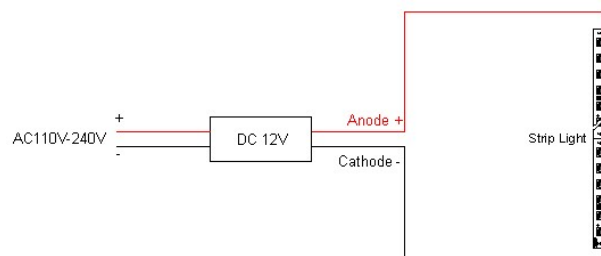


3. Package Dimensions (mm):



- 1). All dimensions are in millimeters
- 2). Tolerance is 0.5 mm unless otherwise noted
- 3). One strip connected by 3 Units and every 3 SMDs can be cut of
- 4). 60 SMDs divisible in 3 Double-steps
- 5). Voltage supply: 12 VDC

Circuits:



**4. YJ-LS1210R120 Characteristic:****LIGHT EMITTING DIODE LAMPS****Absolute maximum ratings****(Ta=25°C)**

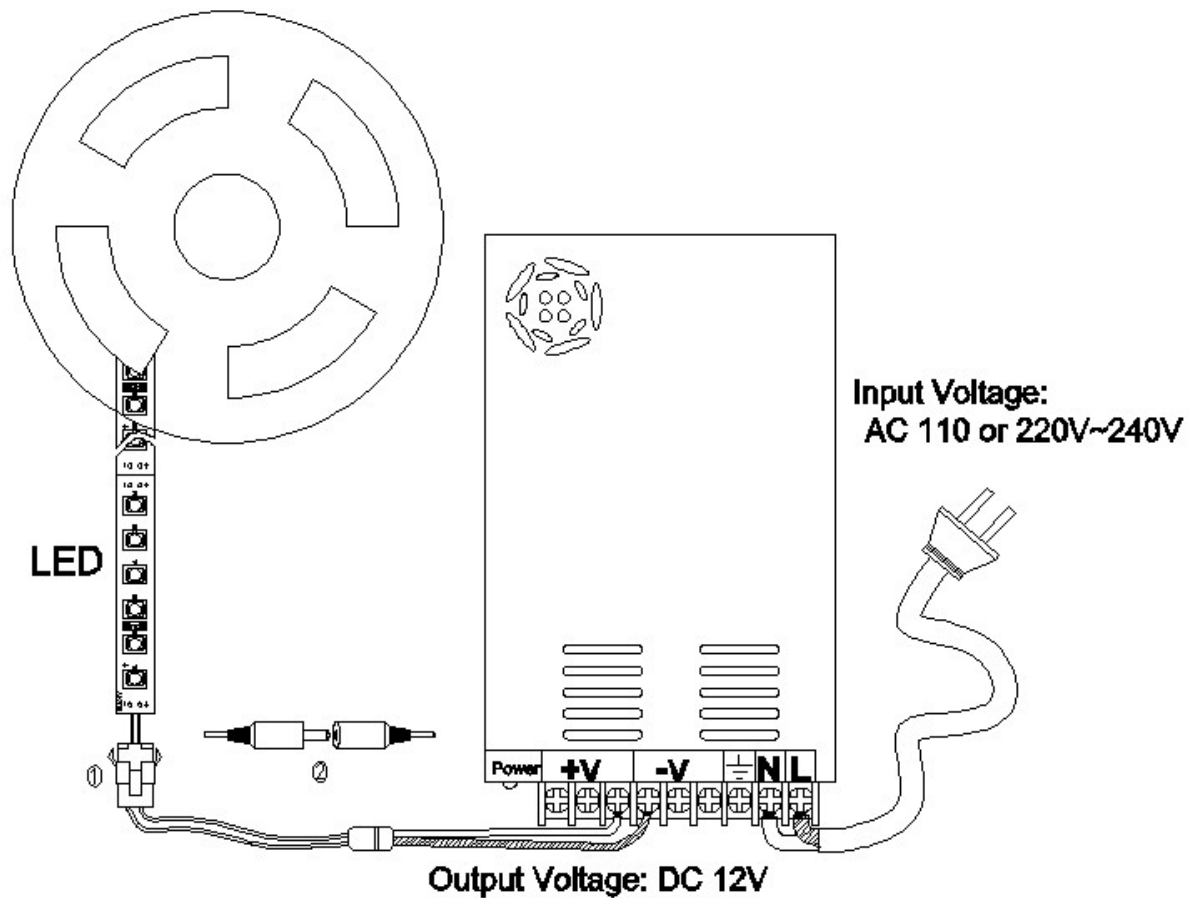
| | Symbol | Value | Unit |
|----------------------------------------|--------|---------|------|
| Forward current | If | 20 | mA |
| Reverse voltage | Vr | 5 | V |
| Power dissipation | Pd | 48 | mW |
| Operating temperature range | Top | -25~+80 | °C |
| Storage temperature range | Top | -30~+80 | °C |
| Peak pulsing current (1/8 duty f=1KHz) | If | 125 | mA |

5. Absolute Maximum Rating at TA=25°C:

| Part Number | Emitting Color | Input Voltage | Wattage | Water proof Degree | LED Quantity | Colour Temperature(k) | Wavelength (nm) | Luminous Intensity (Lm/M) | | Continuous Connect(m) |
|----------------|----------------|---------------|---------|--------------------|--------------|-----------------------|-----------------|---------------------------|-----|-----------------------|
| | | | | | | | | MIN | MAX | |
| YJ-LS1210R120 | Red | DC12V | 8.64W/M | / | 120pcs | / | 619-635 | 90 | 120 | 10-15 |
| YJ-LS1210G120 | Green | | 8.64W/M | / | 120pcs | / | 512-528 | 360 | 480 | 10-15 |
| YJ-LS1210B120 | Blue | | 8.64W/M | / | 120pcs | / | 463-475 | 100 | 140 | 10-15 |
| YJ-LS1210Y120 | Yellow | | 8.64W/M | / | 120pcs | / | 584-595 | 90 | 120 | 10-15 |
| YJ-LS1210W120 | Pure White | | 8.64W/M | / | 120pcs | 5500-6500 | / | 600 | 840 | 10-15 |
| YJ-LS1210WW120 | Warm White | | 8.64W/M | / | 120pcs | 2800-3500 | / | 480 | 620 | 10-15 |



6. Installation:

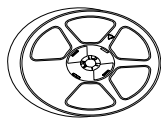


7. Power Adapter Application Information:

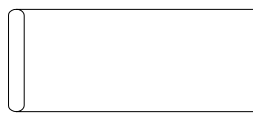
| Length | From 0 to 1.25m | From 1.25 to 2.5m | From 2.5 to 5m |
|---------------------------|-----------------|-------------------|----------------|
| Suggested Power Adapter | 10W/12V/0.8A | 12W/12V/2A | 24W/12V/4A |
| Power Adapter Item Number | | | |
| Voltage | 12V | 12V | 12V |
| Current | Up to 720mA | Up to 1600mA | Up to 3200mA |
| Section | From 0 to 40 | From 40 to 80 | From 80 to 160 |



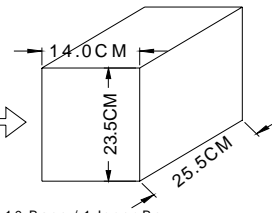
8. Packpage:



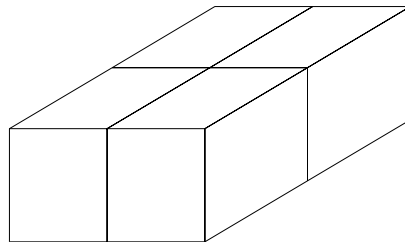
Length: 5m
YJ-LSF1210RGB120-5
Anti-Static Shielding
Black Reel



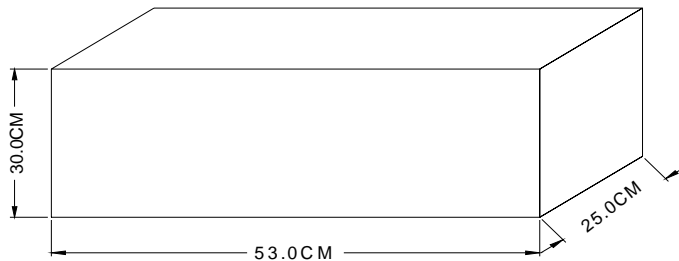
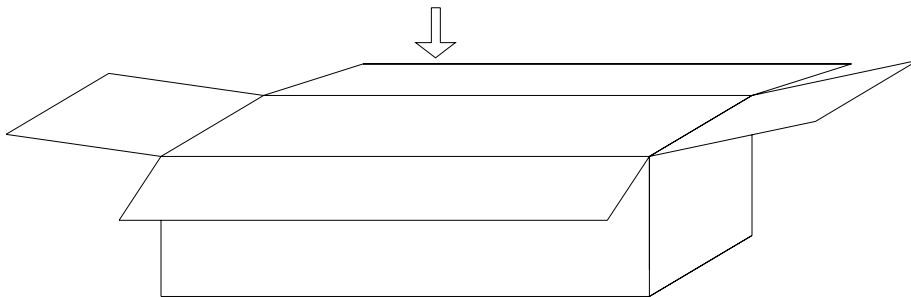
Anti-Static Shielding
1 Reel / Bag (T=0.1mm)



10 Bags / 1 Inner Box
YJ-LSF1210RGB120-5 50m/Inner
Box



4 Inner Boxes / 1 Carton
YJ-LSF1210RGB120-5--200m / 1 Carton



9. After-sales service:

All products are guaranteed to use in one year. Under the right and normal using condition, quality warranty is based on correct conservation, assemblage, and maintenance. As incorrect usage, and disobeying product operation, it's not guaranteed. To the problem within promised time, "Aglare" will solve it by repair, substitute accessories or replacement for your option. Upon exceeding the promised time, there will be material and maintenance fees to be paid by customers.

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