

Product Specification

WS2811 LED Strip

LC-2811RGB60XM10B-5V

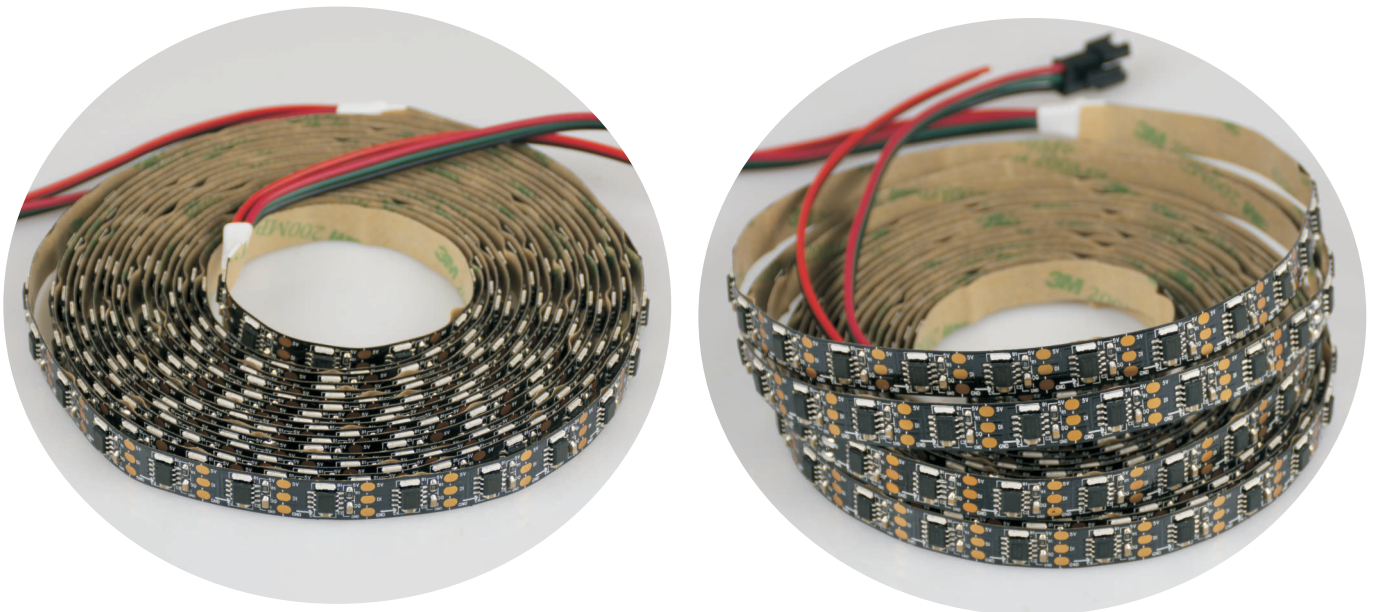
Making	Date	Version
LED Color	2018.4.8	V1.1



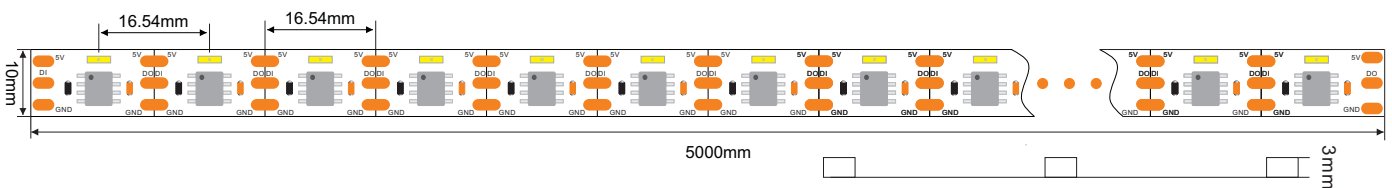
Product Description

1. Using the flexible FPC as the base material, FPC is conductive, fast heat dissipation, bending resistance, and can be bent into various shapes
2. support post-installation code writing operations, can achieve a variety of animation effects by the controller programming
3. Low voltage power supply, more secure
4. IP Rating , IP20, IP65, IP67, IP68

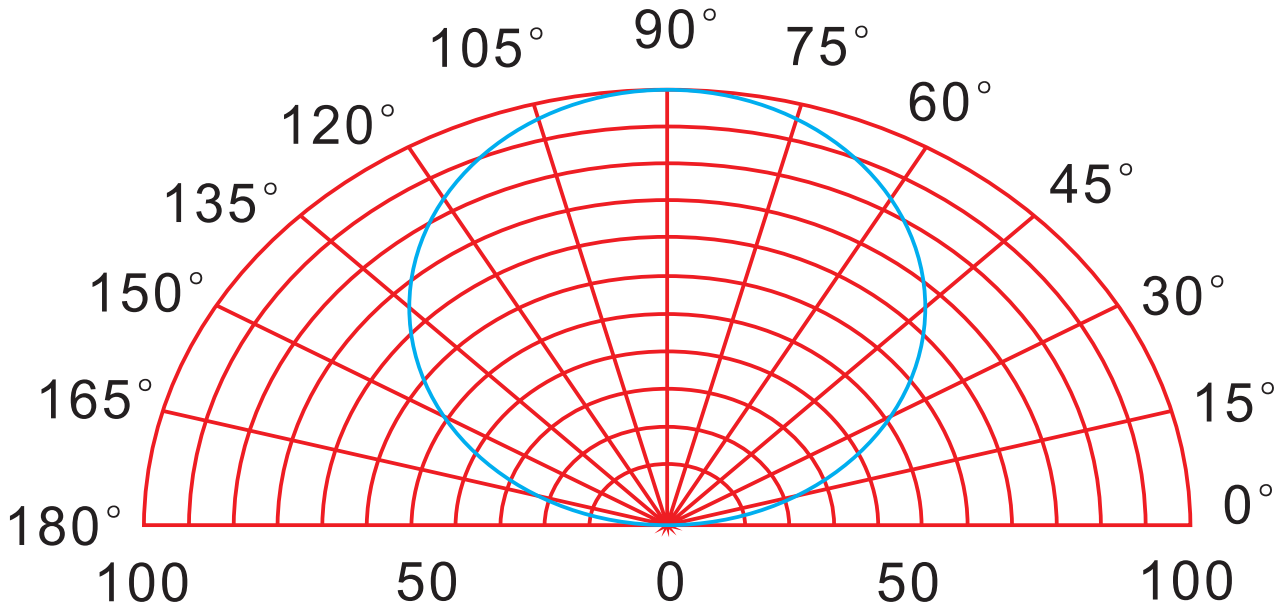
LED Strip Picture



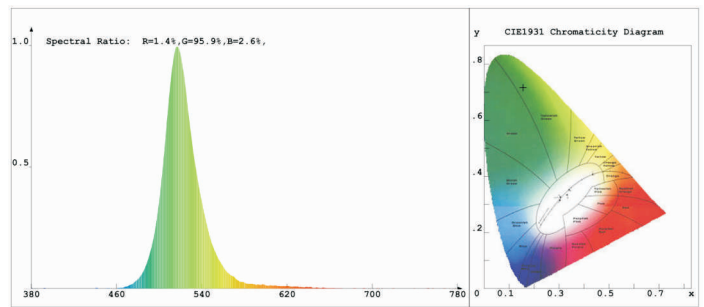
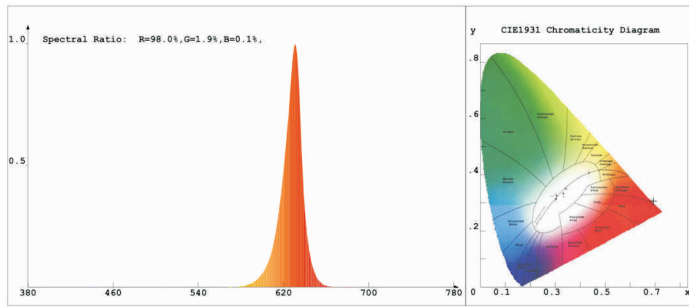
LED Strip Dimension



Radiation Diagram



020RGB LED Test Report



R

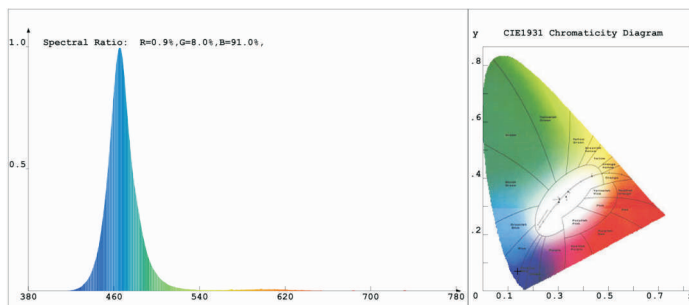
Chroma Parameters
Chro. Coor.: x=0.5930 y=0.3062 u=0.5241 v=0.3474 duv=-0.0008
CCT: 1335K Dominant Wave: 621.1nm Purity: 99.8%
Flux RGB Ratio: R=95.5%, G=4.5%, B=0.0%
Peak Wave: 620.5nm Half Width: 17.2nm

Photo Parameters
Flux: 2.690lm Effi.: 57.1lm/W
Efficiency: 0.032
Ele. Parameters
Forward Current: If=20.0mA Forward Voltage: Vf=2.36V
Reverse Voltage: Vr=5.00V Reverse Current: Ir=0.00uA

G

Chroma Parameters
Chro. Coor.: x=0.1562 y=0.7167 u=0.0554 v=0.3810 duv=0.1604
CCT: 8105K Dominant Wave: 523.8nm Purity: 77.3%
Flux RGB Ratio: R=0.7%, G=98.7%, B=0.6%
Peak Wave: 516.8nm Half Width: 30.9nm

Photo Parameters
Flux: 6.410lm Effi.: 111.6lm/W
Efficiency: 0.024
Ele. Parameters
Forward Current: If=20.0mA Forward Voltage: Vf=2.87V
Reverse Voltage: Vr=5.00V Reverse Current: Ir=0.00uA



B

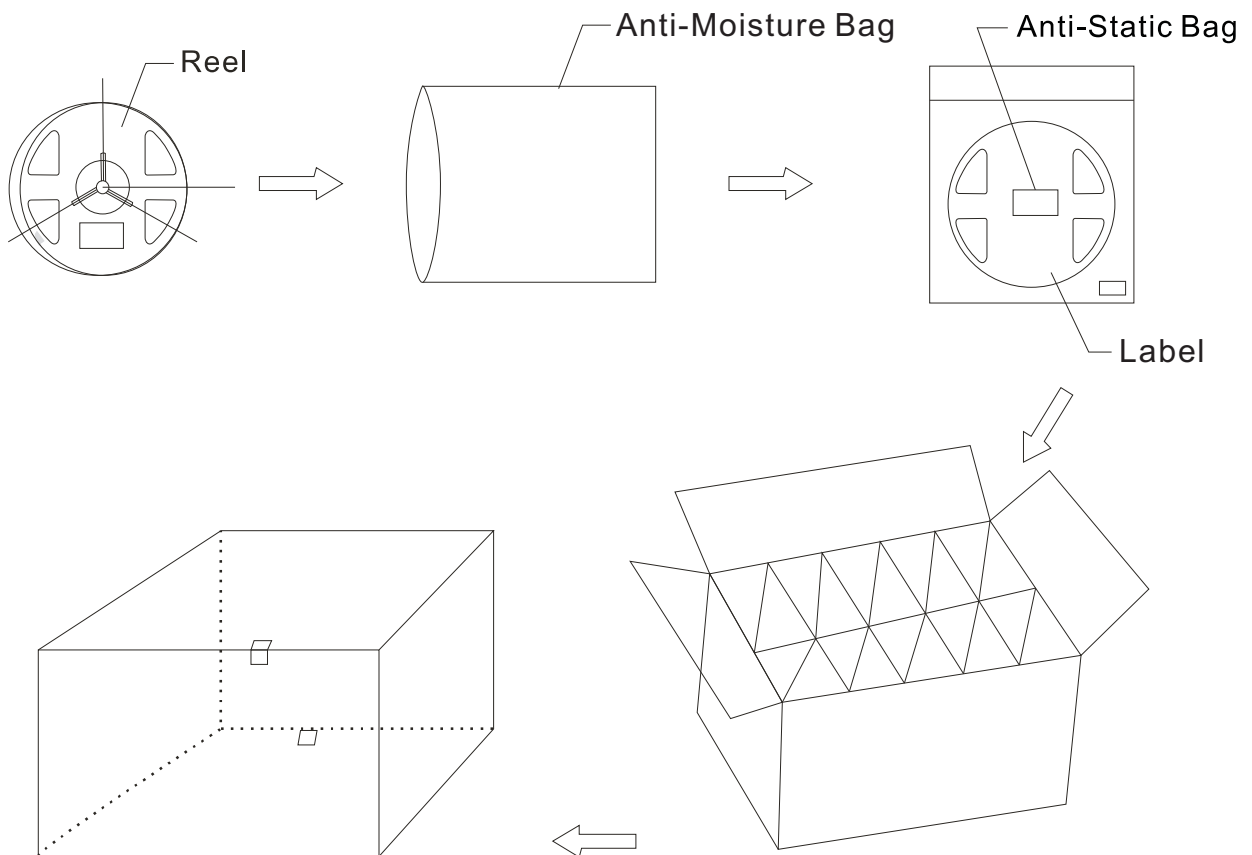
Chroma Parameters
Chro. Coor.: x=0.1365 y=0.0700 u=0.1555 v=0.1179 duv=-0.0124
CCT: 100000K Dominant Wave: 469.1nm Purity: 94.2%
Flux RGB Ratio: R=2.9%, G=30.2%, B=66.8%
Peak Wave: 465.5nm Half Width: 23.0nm

Photo Parameters
Flux: 2.000lm Effi.: 33.0lm/W
Efficiency: 0.045
Ele. Parameters
Forward Current: If=20.0mA Forward Voltage: Vf=3.02V
Reverse Voltage: Vr=5.00V Reverse Current: Ir=0.00uA

LED Strip Specification

Product Model	Product Description	IP Rating	Color	Color temperature /wavelength	Lumen/LED
LC-2811RGB 60XM10B-5V	SMD5050, 60LED/M, DC5V, 18W/M, 10MM White PCB, 5M/Roll	IP20 IP65 IP67 IP68	RGB	R:620-625NM G:520-525MM B:460-465NM	R:1.5-2.5LM G:5-7LM B:1-2LM

Packing



Connection Diagram

