

# Product Specification

## LC8812 LED Strip

### LC8812X60XM10X-5V

Making	Date	Version
LED Color	2018.4.8	V1.1



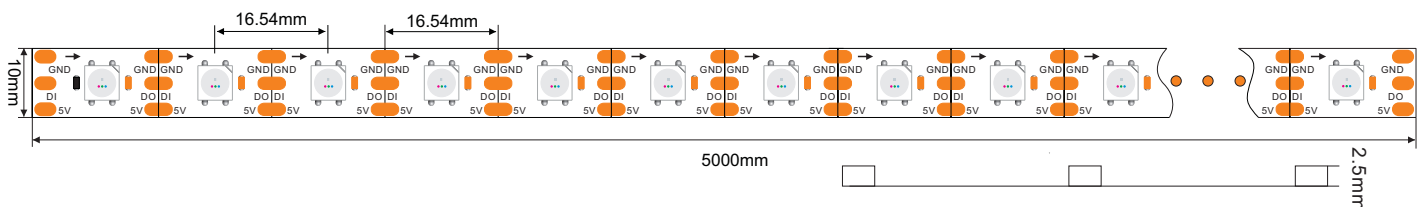
## Product Description

1. Single-flow, gradient, chase, scan and other full-color effects.
2. Splicing to achieve text movement and video animation and other dynamic effects.
3. Can be bend and cut, can achieve a certain curvature and length of the modeling screen.
4. 1 LED 1 IC, individual controlled, can be made into high-density high-definition display.
5. IP rating, IP20,IP65,IP67,IP68.

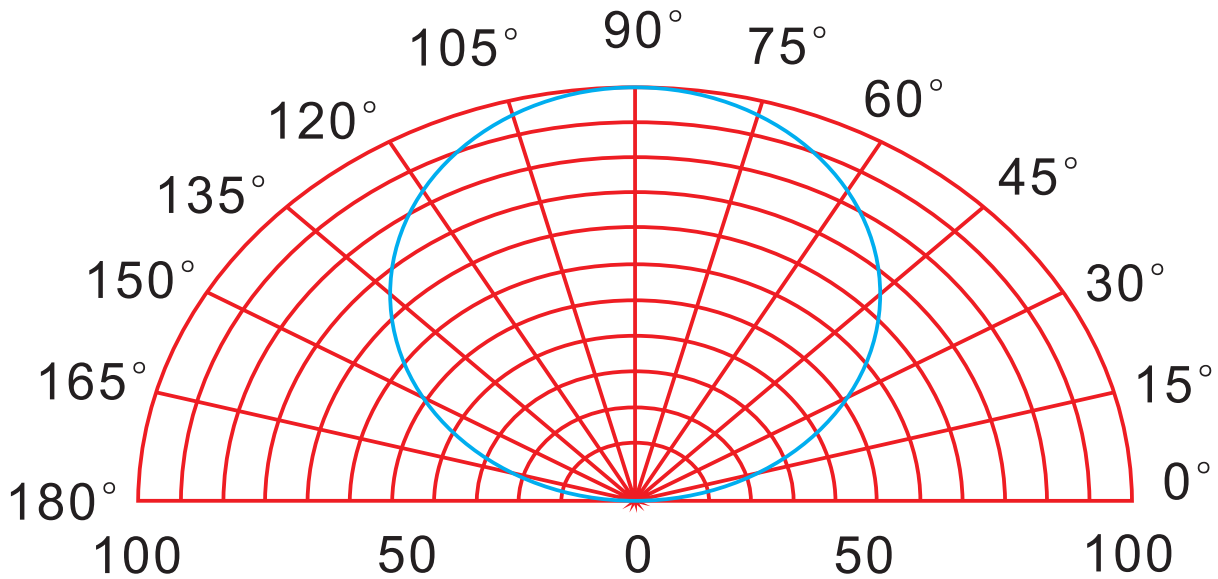
## LED Strip Picture



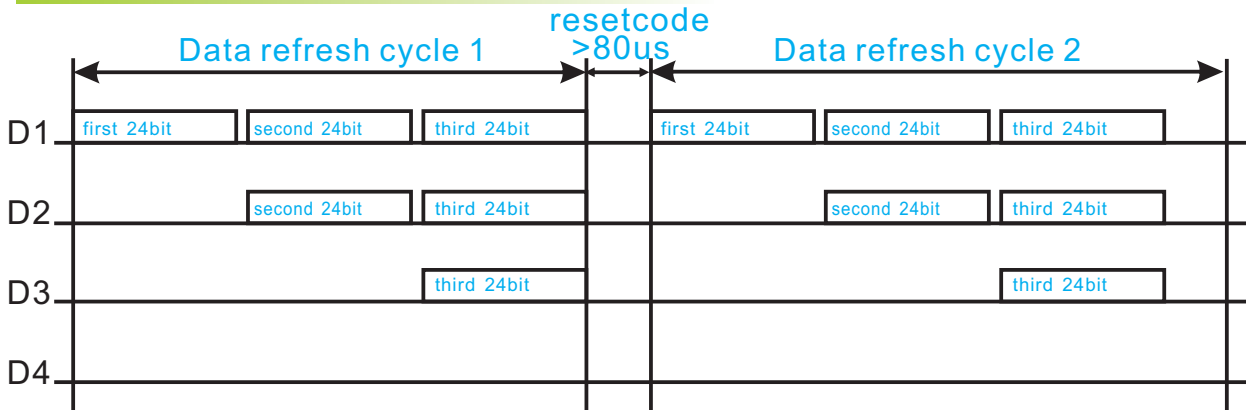
## LED Strip Dimension



## Radiation Diagram



## Data Transmission Method



Note: The data of D1 is sent by MCU, and D2, D3, D4 through internal reshaping amplification to transmit

Composition of 24bit data:

G7 G6 G5 G4 G3 G2 G1 G0 R7 R6 R5 R4 R3 R2 R1 R0 B7 B6 B5 B4 B3 B2 B1 B0

Note: Follow the order of GRB to send data and the high bit sent at first

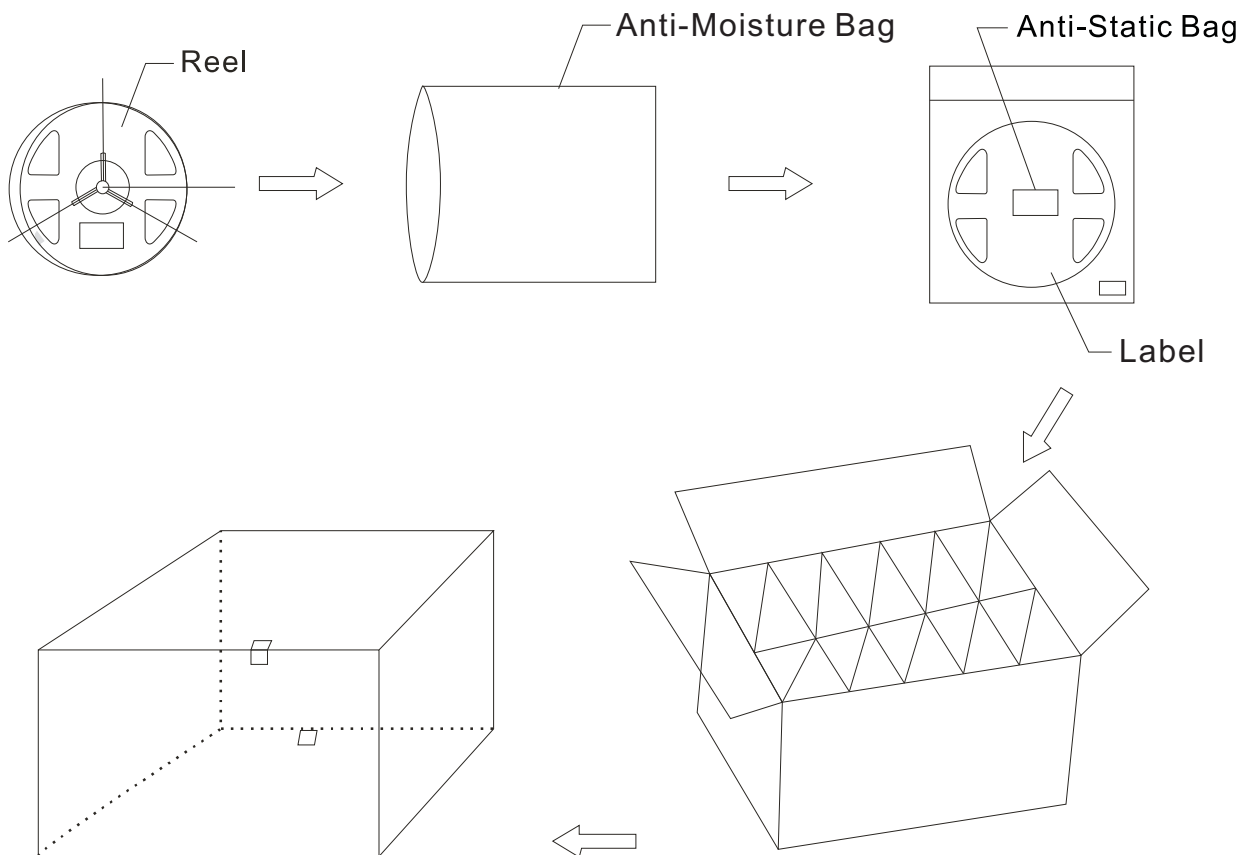
## LED Characteristic Parameter

Color	Wavelength(nm)	Luminous Intensity(mcd)	Voltage(V)
Red	620-625	1000-1500	2.0-2.3
Green	522-525	1500-2200	3.0-3.3
Blue	465-470	700-1000	3.0-3.3

## LED Strip Specification

Product Model	Product Description	IP Rating	Color	Color temperature /wavelength	Lumen/LED
LC8812X60 XM10X-5V	LC8812, 60LED/M, DC5V, 18W/M, 10MM White PCB/ Black PCB, 5M/Roll	IP20	RGB	R:620-625NM	R:1.5-2.5LM
		IP65		G:520-525MM	G:5-7LM
		IP67		B:460-465NM	B:1-2LM
		IP68			

## Packing



**Connection Diagram**

