

Product Specification

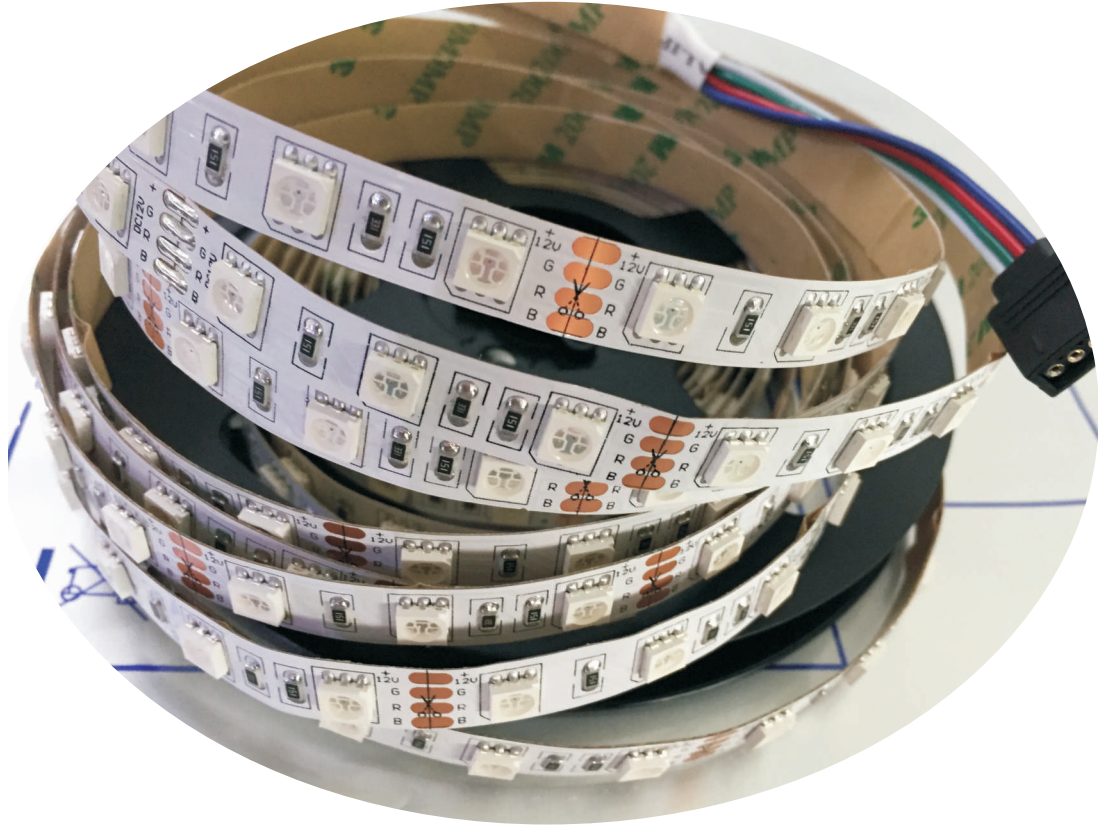
5050RGB LED Strip

LC-5050RGB60XM10W-12V
LC-5050RGB60XM10W-24V

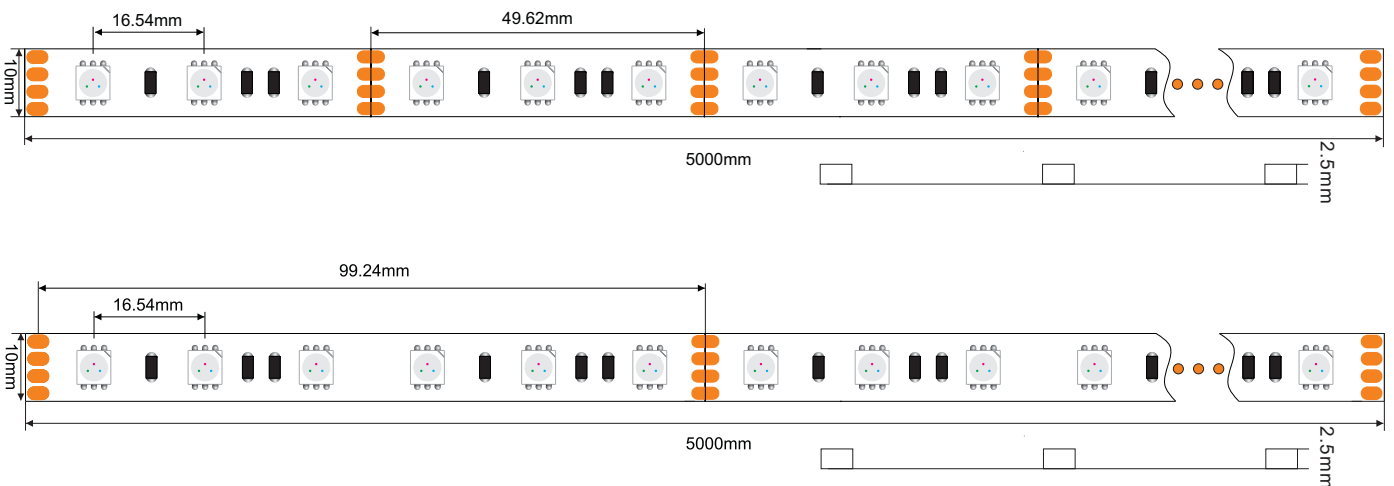
Making	Date	Version
LED Color	2018.4.8	V1.1



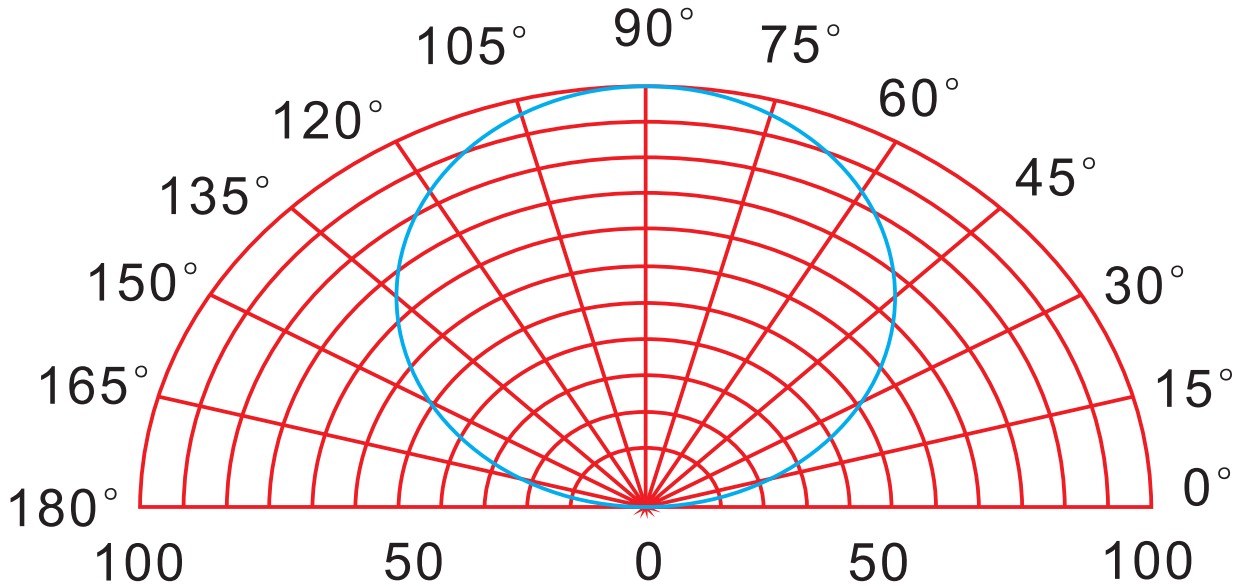
LED Strip Picture



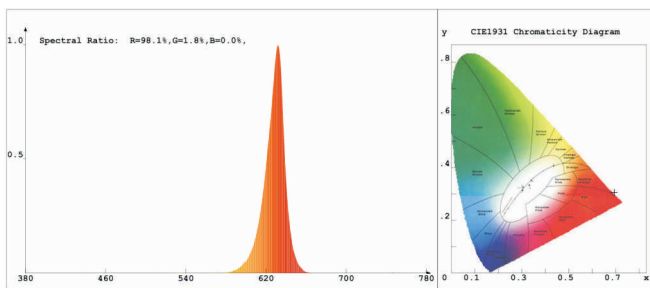
LED Strip dimension



Radiation diagram

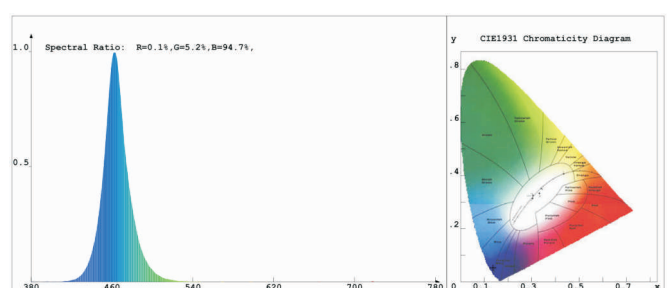


5050RGB LED Test Report



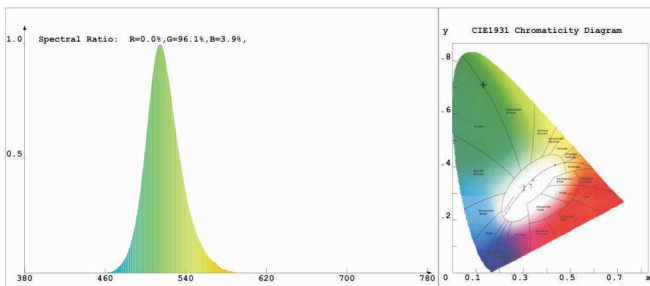
R
Chroma Parameters
 Chro. Coord.: $x=0.6937$, $y=0.3056$, $u=0.5255$, $v=0.3473$, $duv=0.0008$
 CCT: 1341K Dominant Wave: 621.4nm Purity: 99.8%
Flux RGB Ratio: R=95.6%, G=4.4%, B=0.0% Peak Wave: 631.8nm Half Width: 18.4nm
Photo Parameters
 Flux: 1.840lm Effi.: 42.0lm/W Radiant: 8.4mW Iv: 0.0mcd
 Effi. Level: A++ (EU 874-2012)

Ele. Parameters
 Forward Current: If=20.0mA Forward Voltage: Vf=2.19V
 Reverse Voltage: Vr=5.00V Reverse Current: Ir=0.00uA



B
Chroma Parameters
 Chro. Coord.: $x=0.1364$, $y=0.0528$, $u=0.1624$, $v=0.0943$, $duv=-0.0249$
 CCT: 100000K Dominant Wave: 467.0nm Purity: 97.6%
Flux RGB Ratio: R=0.1%, G=20.4%, B=79.5% Peak Wave: 462.5nm Half Width: 22.8nm
Photo Parameters
 Flux: 1.380lm Effi.: 20.9lm/W Radiant: 20.5mW Iv: 0.0mcd
 Effi. Level: A++ (EU 874-2012)

Ele. Parameters
 Forward Current: If=20.0mA Forward Voltage: Vf=3.29V
 Reverse Voltage: Vr=5.00V Reverse Current: Ir=0.00uA



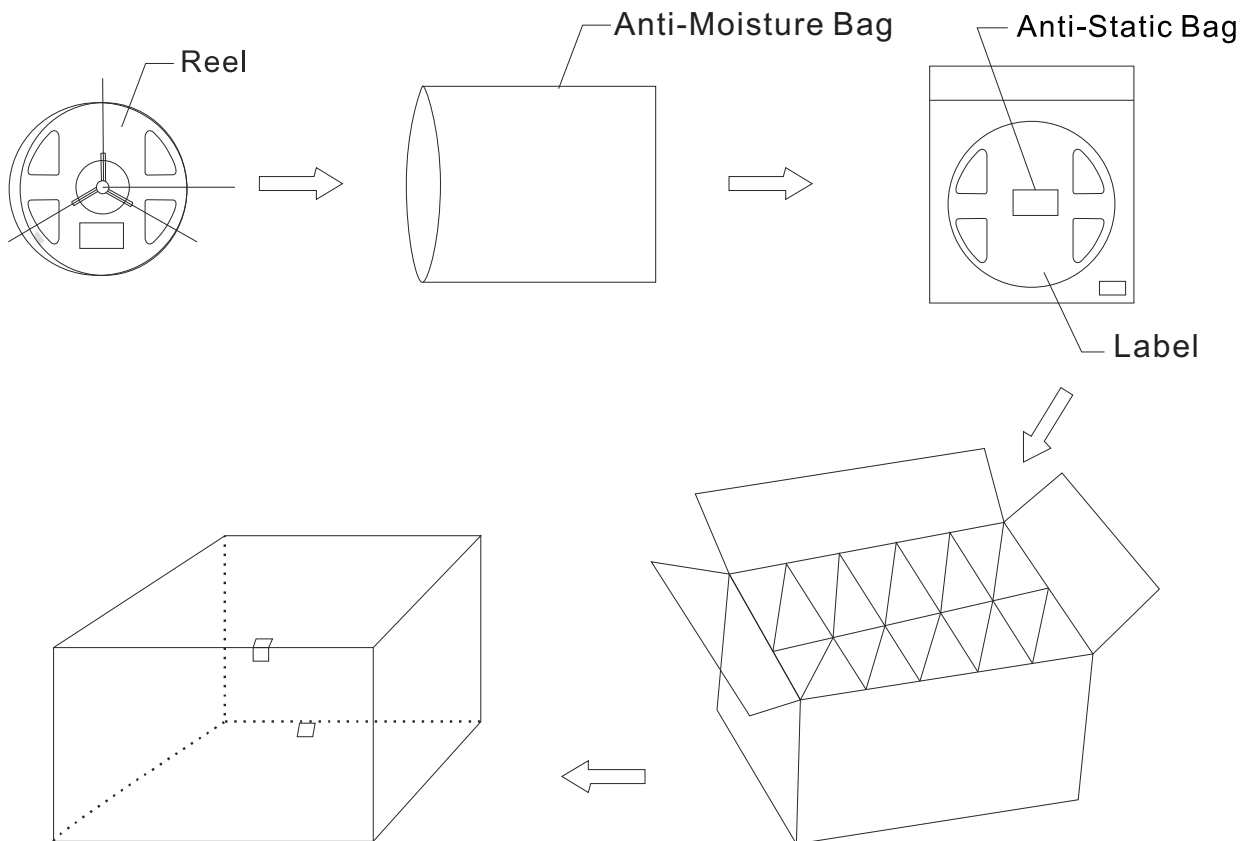
G
Chroma Parameters
 Chro. Coord.: $x=0.1304$, $y=0.7098$, $u=0.0464$, $v=0.3783$, $duv=0.1669$
 CCT: 8712K Dominant Wave: 518.7nm Purity: 75.8%
Flux RGB Ratio: R=0.0%, G=99.0%, B=1.0% Peak Wave: 514.8nm Half Width: 35.7nm
Photo Parameters
 Flux: 5.360lm Effi.: 85.4lm/W Radiant: 11.4mW Iv: 0.0mcd
 Effi. Level: A++ (EU 874-2012)

Ele. Parameters
 Forward Current: If=20.0mA Forward Voltage: Vf=3.14V
 Reverse Voltage: Vr=5.00V Reverse Current: Ir=0.00uA

LED Strip Specification

Product Model	Product Description	IP Rating	Color	Color temperature /wavelength	CRI	Lumen/LED
LC-5050RGB 60XM10W-12V	SMD5050, 60LED/M, DC12/24V,	IP20 IP65	R	R:620-630nm	/	R:1.2~1.8LM
LC-5050RGB 60XM10W-24V	17.3W/M, 10MM	IP67	G	G:520-530nm		G:4~6LM
	White PCB, 5M/Roll	IP68	B	B:460-470nm		B:1-1.6LM

Packing



Connection Diagram

