

Product Specification

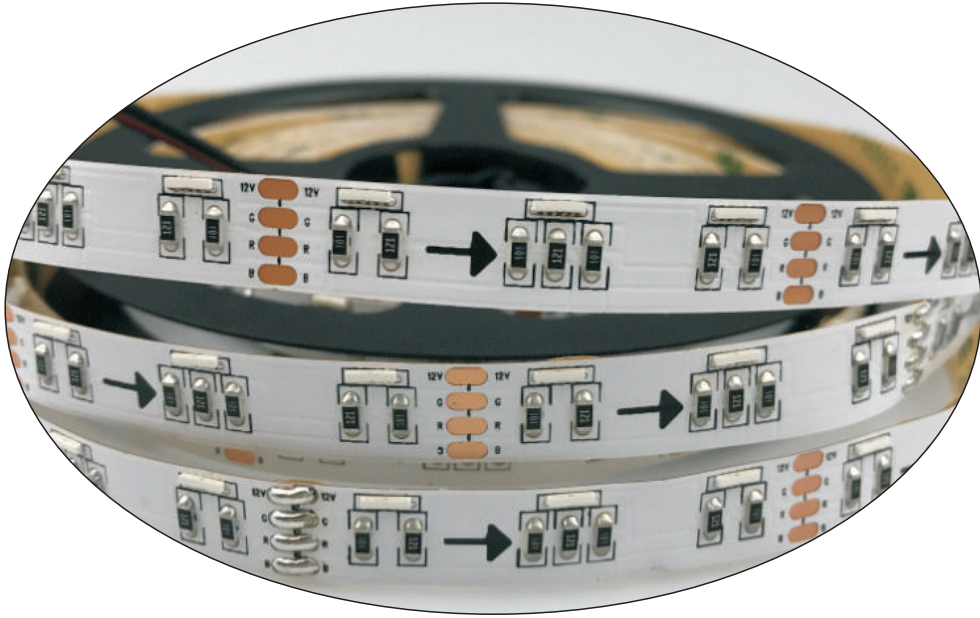
020RGB LED Strip

LC-020RGB60XM10W-12V

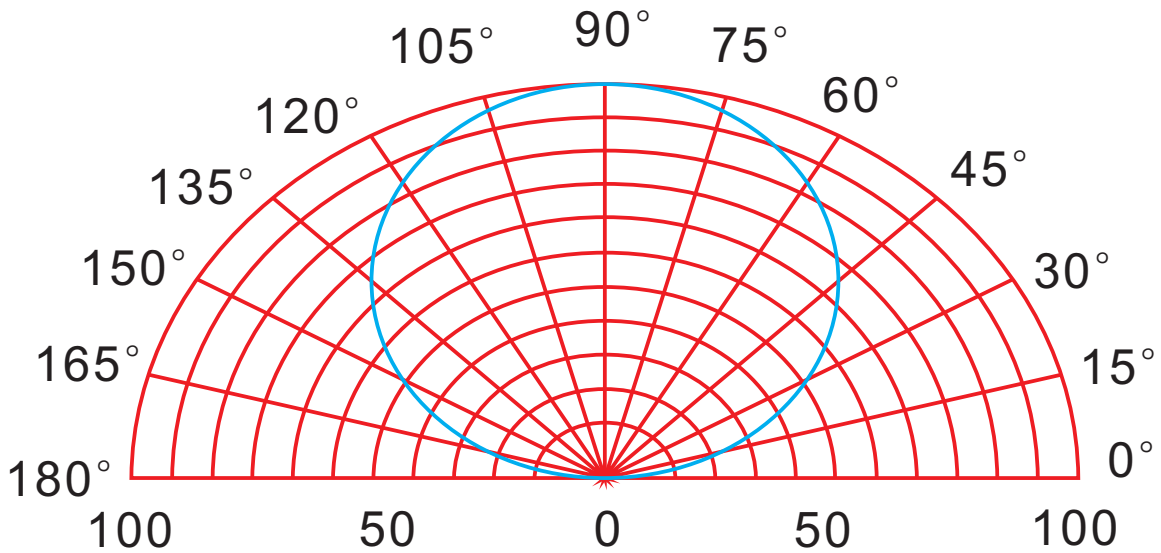
Making	Date	Version
LED Color	2018.4.8	V1.1



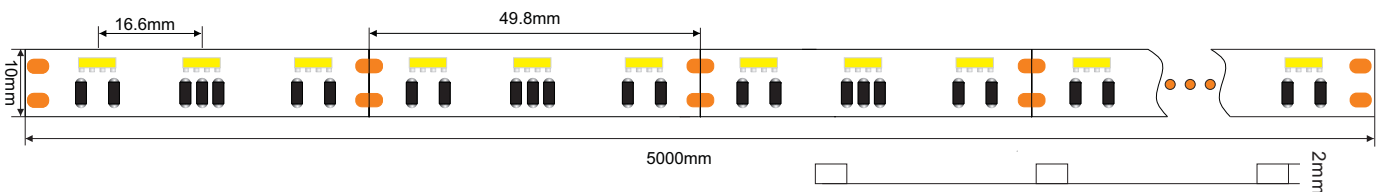
LED Strip Picture



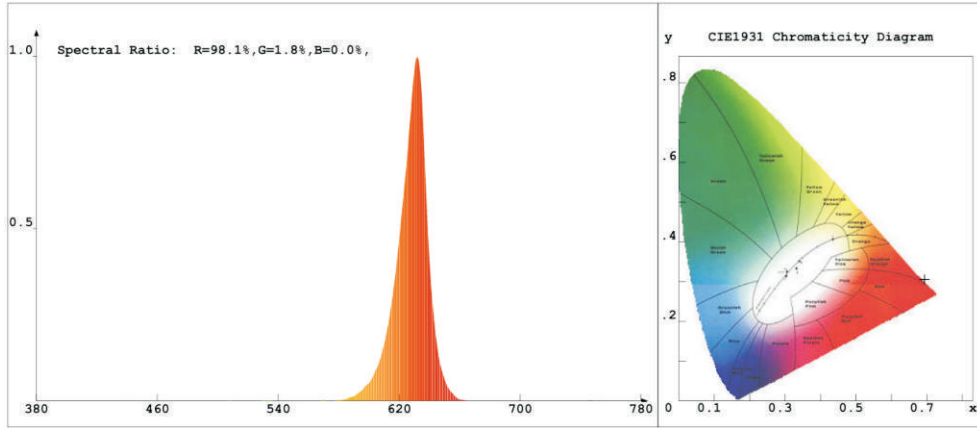
Radiation Diagram



LED Strip dimension



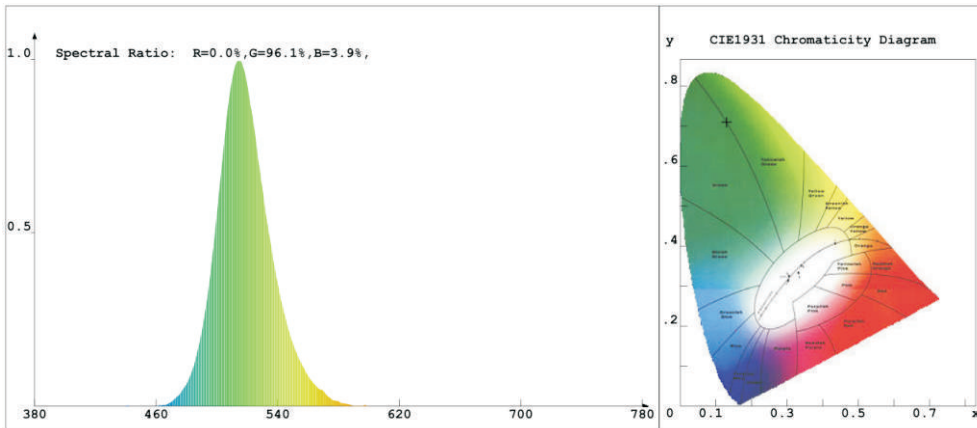
020RGB LED Test Report



Chroma Parameters
Chro. Coor.: 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
Efficiency: 0.031 Effi Level: A++ (EU 874-2012)

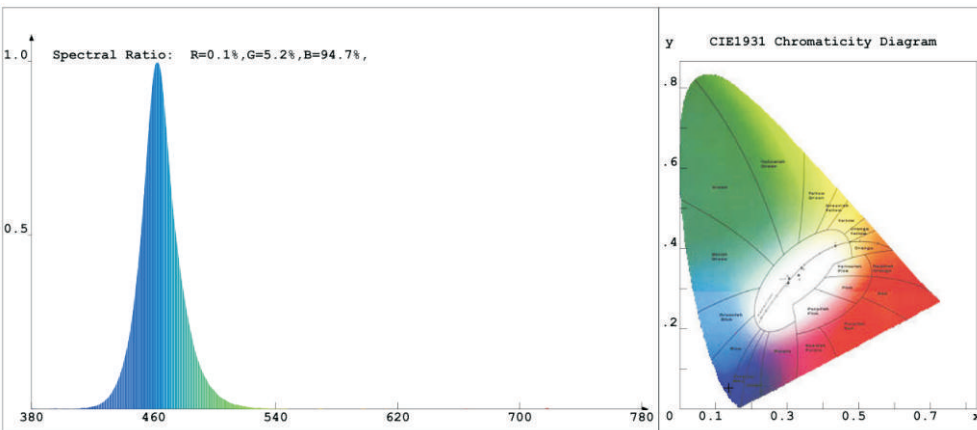
Ele. Parameters
Forward Current: If=20.0mA Forward Voltage: Vf=2.19V
Reverse Voltage: Vr=5.00V Reverse Current: Ir=0.00uA



Chroma Parameters
Chro. Coor.: x=0.1304 y=0.7098 u=0.0464 v=0.3783 duv=0.1669
CCT: 8712K Dominant Wave.: 518.7nm Purity: 75.6%
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
Efficiency: 0.026 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



Chroma Parameters
Chro. Coor.: 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

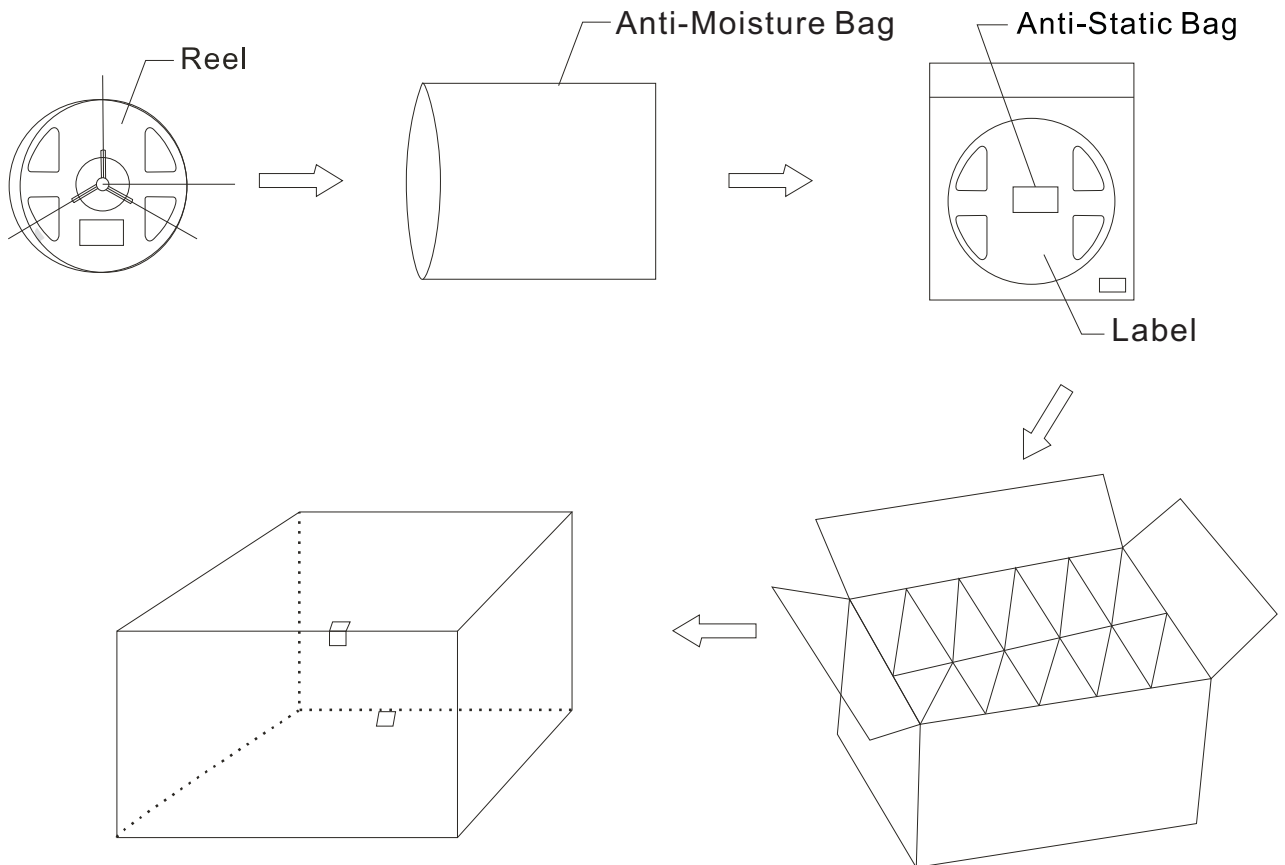
Photo Parameters
Flux: 1.380lm Effi.: 20.9lm/W Radiant: 20.5mW Iv: 0.0mcd
Efficiency: 0.064 Effi Level: A++ (EU 874-2012)

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

LED Strip Specification

Product Model	Product Description	IP Rating	Color	Color temperature /wavelength	CRI	Lumen/LED
LC-020RGB 60XM10W-12V	SMD020RGB, 60LED/M, DC12V, 14.4W/M, 8MM White PCB, 5M/Roll	IP20	RGB	R:620-630nm	>80	R:1.2-1.8LM
		IP65		G:520-530nm		G:4-6LM
		IP67		B:460-470nm		B:1-1.5LM
		IP68				

Packing



Connection Diagram

