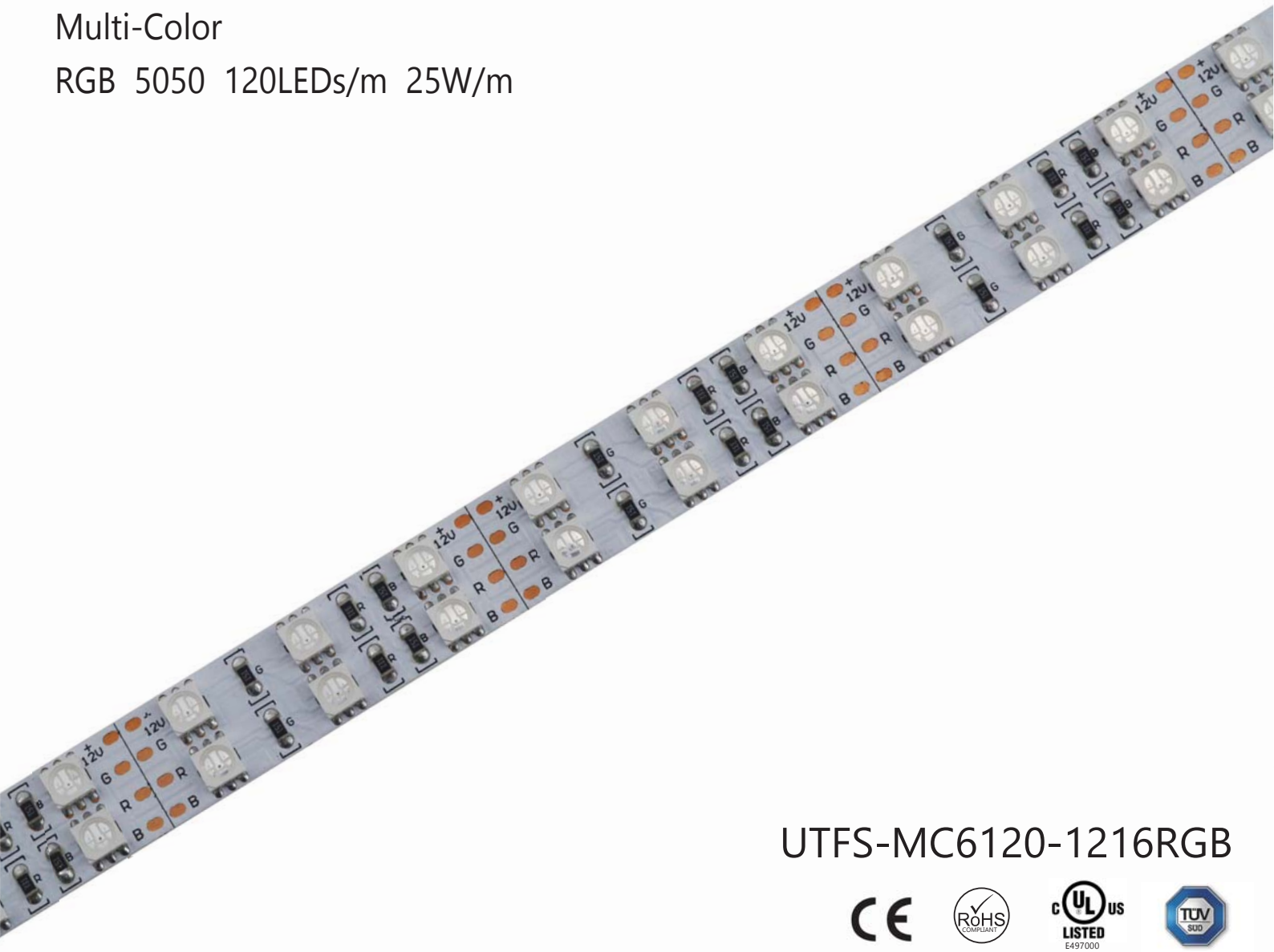
PRODUCT DATA SHEET

Full color | RGB | High density

Multi-Color

RGB 5050 120LEDs/m 25W/m



UTFS-MC6120-1216RGB

Tel +86-19896260511 **Web** www.unitopledstrip.com **Mail** tom@unitopledstrip.com

Product Features

1. 5050 RGB LED as light source, stable and high brightness
2. Compatible with most of RGB controllers in the markets
3. 12V or 24V low voltage input for human safety
4. Ideal for office, residential, retail and industry lighting

Color Option

IP Rating Option

IP20
Non-Waterproof

IP54
Spary/Nano Coated

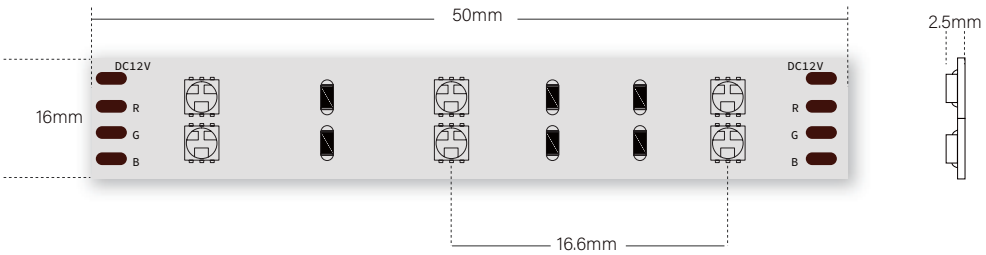
IP65
Sillcone glue Coated

IP67
Silicone tube

IP67
Silicone integrated molding/Extrusion

IP68
Sillcone tube injected silicone glue

Dimensions



Note:

LED strip length tolerance is + -0.2%mm.
Width tolerance is + -0.2%mm.
Size of each section is 50mm.
DC 12V

Diagram

Dimensions mm/inch

Length/Reel	Width	Height	Min. Cutting
5000/196.85	16/0.6299	2.5/0.0984	Every 50mm/1.9685inch (6 LEDs)

Data

Part Number	Working Voltage	Power (W/m)	Current (A/m)	LED Qty/m
UTFS-MC6120-1216RGB	12V	25W/m	2.093A/m	120

CCT (°K)	Luminous Efficiency	lumen/m
RGB	31.71lm/W	796.2lm/m

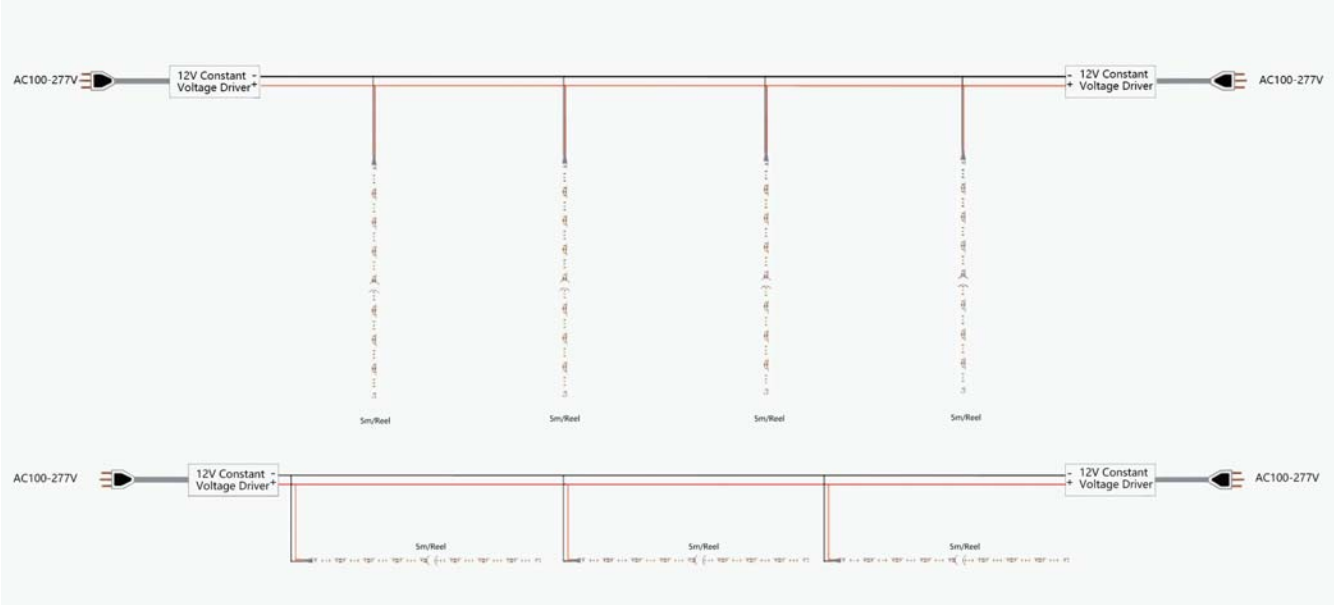
Note:

The data base on IP20 non-waterproof.
The Lumen output value tolerance + -5% due to testing way.
The CCT will be + -100k tolerance.

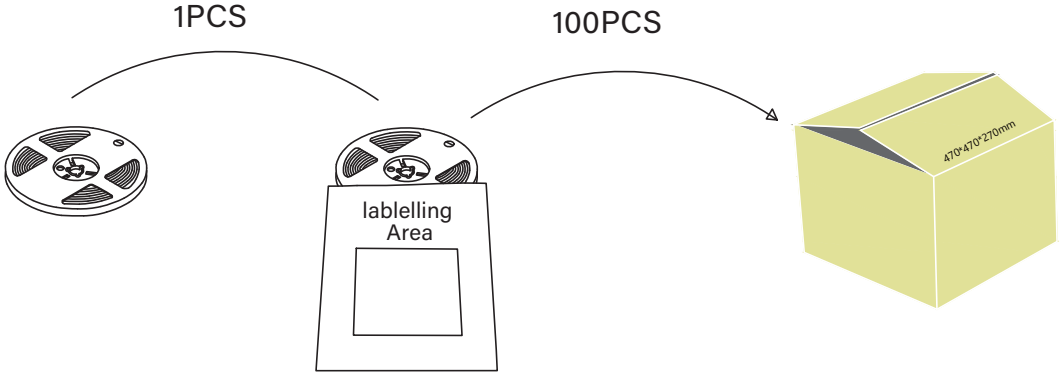
Absolute Maximum Ratings

Parameter	Symbol	Value	Units
Thermal Measurement Point	Tc	80	
Operating Temperature	Topr	-20~+40	℃
Storage Temperature	Ts	-20~+80	
Number of FPC Connection			

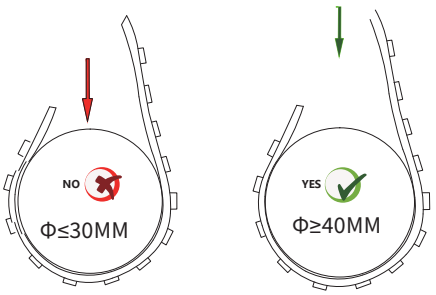
Wiring Diagram Application



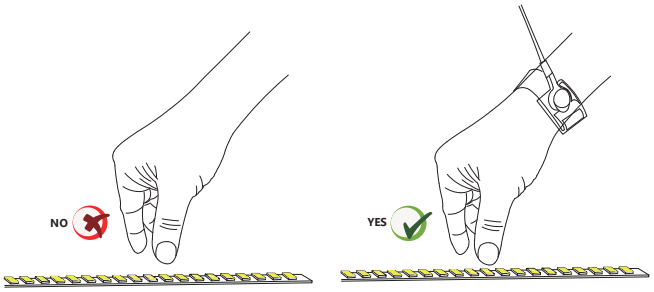
Packaging



Cautions



<50mm diameter of wrapped object prohibited



Pls wear the electrostatics ring for avoid ESD

Safety & Disclosures

1. Do not install the led strip in environment where excessive heat may occur.
2. Do not extend beyond the recommended maximum run length.
3. Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with external connection of electrical equipment.
4. Do not install IP20 LED strip products in outdoor / wet location environments.
5. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
6. Improper wire selection and installation could overheat wires, and cause fire.
7. Do not connect directly to high voltage or AC power.
8. Installation must be in accordance with local and national electrical code regulations.
9. To ensure safety and correct installation, our strips are intended to be installed by a qualified, licensed electrician.