RGB,RGB+W,RGB+WW LED-Streifen |24V | IP20

LED TYPE: EPISTAR 5050

1. Electrical Parameters

Input voltage	DC 24V
IP Grade	IP20
Standard Meter	5 MTS
Wide	10mm / 12mm
Working temperature	-20 ~+60°C
Storage temperature	-40 ~+60°C
Humidity	40-70% RH
Warranty	3 years
Certification	CE
Viewing Angle	120°

2. Features and benefits:

- Dimmable 24V constant voltage strip (SELV)
- Small colour tolerance (MacAdam 3)
- Self-adhesive 3M tape at the backside for simple mounting on different surfaces
- High design freedom due to individual cut-options
- System solution in combination with constant voltage LED Driver (fixed output and dimmable)
- LED - Epistar

MS Licht
Steinhammerstrasse 74
44379 Dortmund

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3. Optical Parameters

5050 RGB / 60LEDs/m (3 in 1 LED)

Model No.	color temperature	Luminous flux (1 meters)	Wide	Divisibility	Power
08-100-RGB	R: 620 - 625nm G: 515 - 525nm B: 465 - 470nm	670lm/m	10mm	100mm	14,4W/m

5050 RGBW / 96 LEDs/m (4 in 1 LED)

Model No.	color temperature	Luminous flux (1 meters)	Wide	Divisibility	Power
08-150-RGBW	R: 620 - 625nm G: 515 - 525nm B: 465 - 470nm W: 3000K	1575lm/m	12mm	62,5mm	30W/m

5050 RGBWW / 60 LEDs/m (5 in 1 LED)

Model No.	color temperature	Luminous flux (1 meters)	Wide	Divisibility	Power
08-150-RGBWW	R: 620 - 625nm G: 515 - 525nm B: 465 - 470nm W: 6000K WW: 2700K	1540lm/m	12mm	100mm	24W/m

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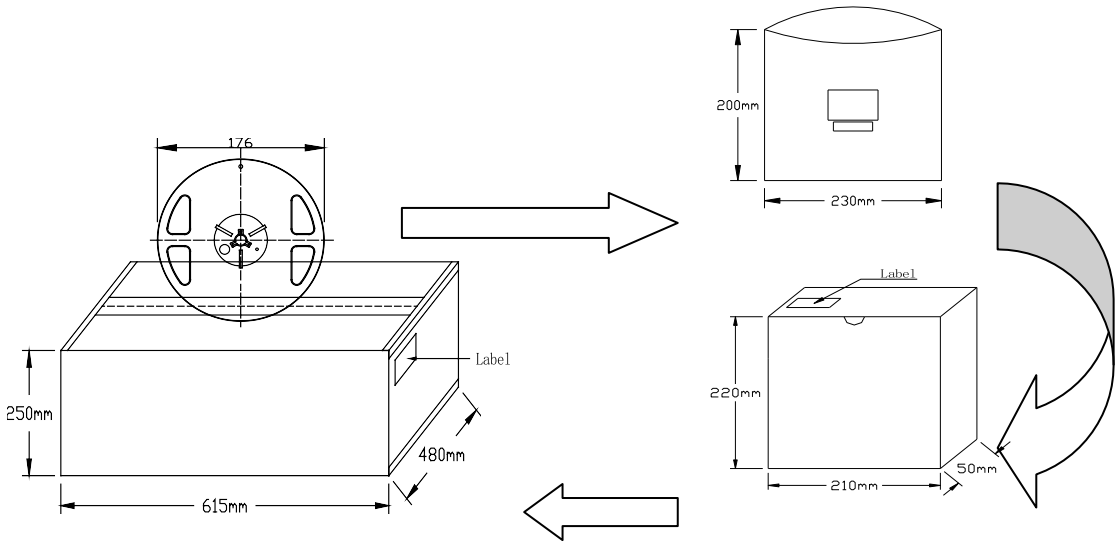
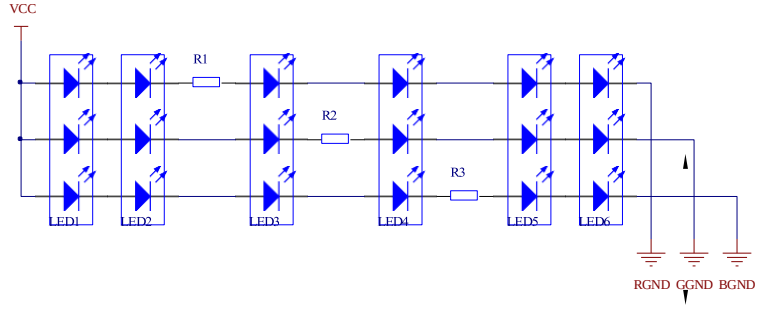
4. Packing:



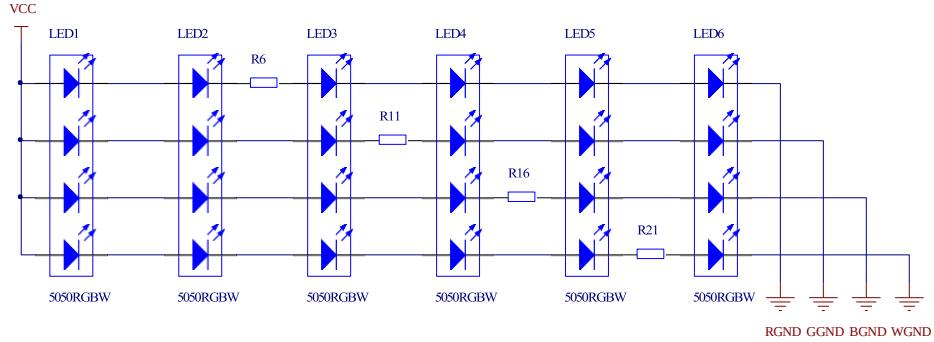
Note: 5 meters/reel, 1 reel/antistatic bag, 4 antistatic bags/box, 20 box/export carton

5. Schematic Diagram (a group):

5050 RGB / 60LEDs/m



5050 RGBW / 96LEDs/m



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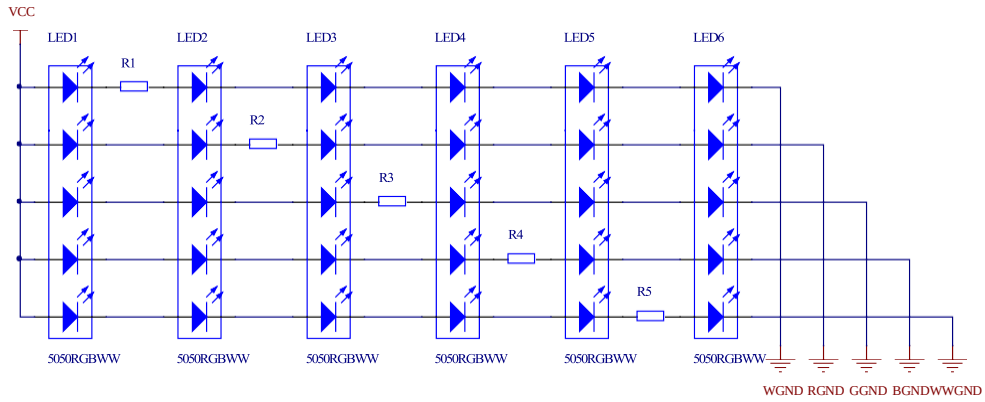
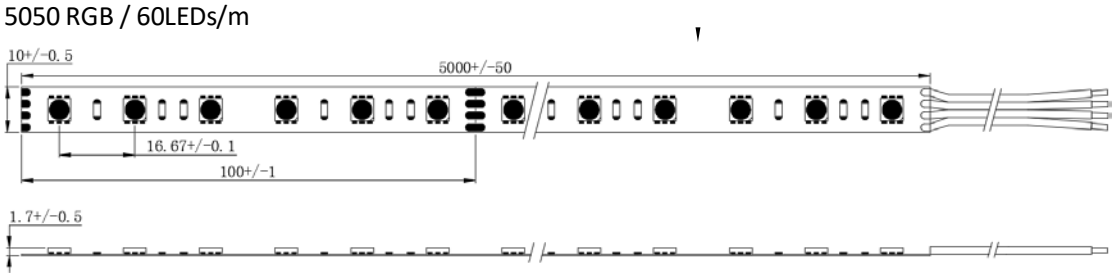
5050 RGBWW / 60LEDs/m

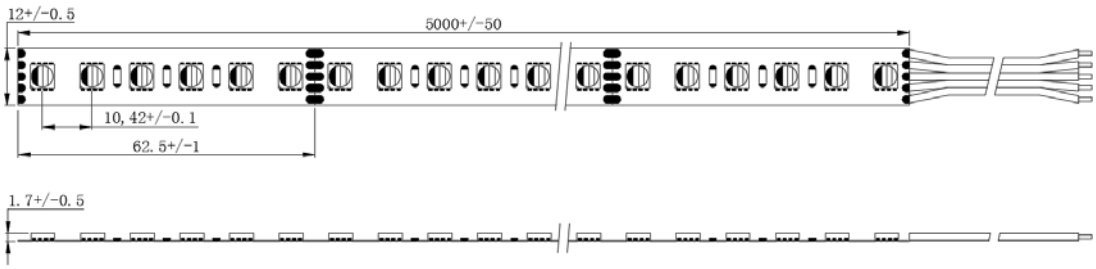


6. Drawing (Unit: mm)

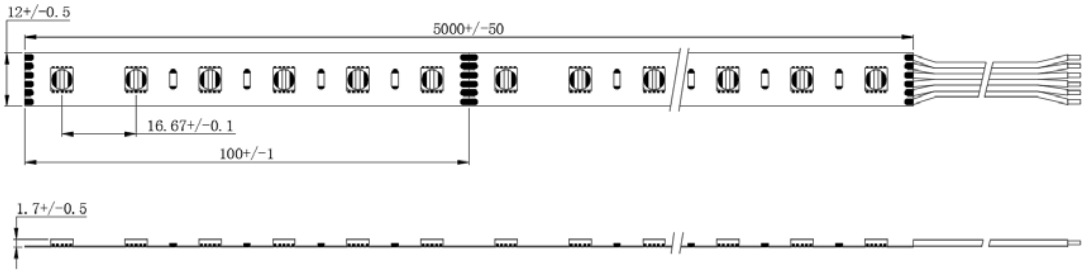
5050 RGB / 60LEDs/m



5050 RGBW / 96LEDs/m



5050 RGBWW / 60LEDs/m



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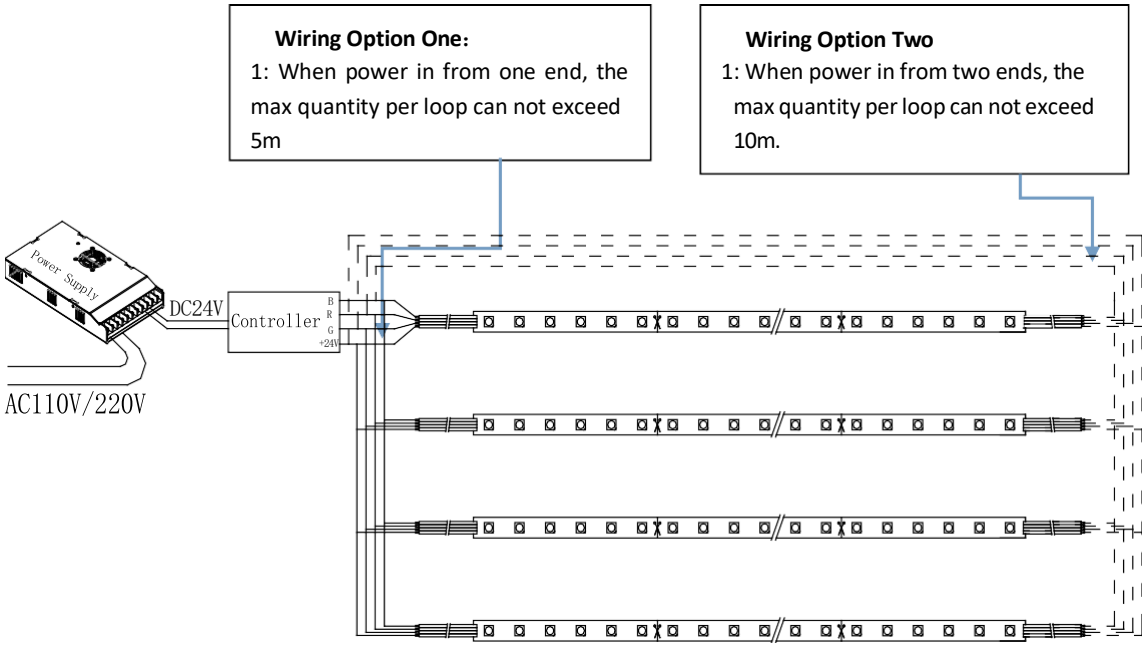
7. Installation Drawing:



8. Instructions:

● Please use this product with 24V DC. The LED strip does not have protection against short circuit overload or overheating. Therefore it is absolutely necessary to operate the strips with an electronically stable power supply offering protection against the above mentioned safety risks.
● There is 3M double side adhesive tape on the backside for easy installation. Care must be taken to provide a clean and dry surface. The mounting substrate must have sufficient structural integrity. Take care to completely remove the protective backing.
Once the strip is appropriately positioned, press on the strip to fasten it. The wire with gray line is anode, whiles the white is cathode. Wrong polarity will lead to no light emission only; the strip will not be destroyed. What only needs to is to correct polarity.
● Cut off the bared wires if there is any, and use electrical insulation tape or wiring end cap to insulate the end of the wires to prevent short circuits.
● Installation of LED strips (with power supplies) should be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.