PRODUCT SPECIFICATION

3586.24.20.RGBW

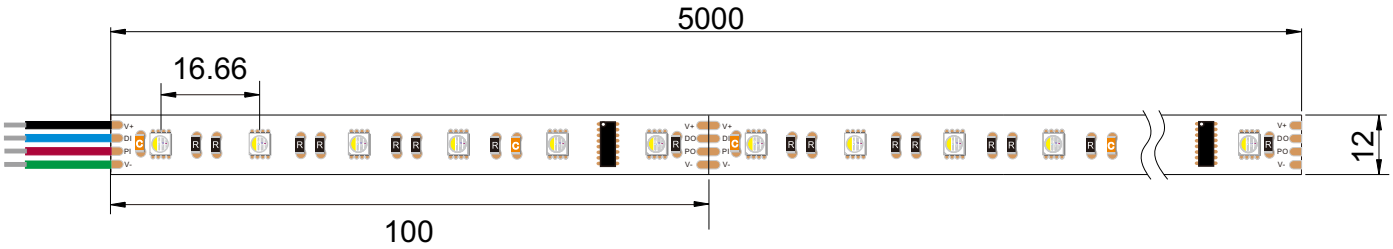
Feature

- ⌘ Input voltage:DC24V
- ⌘ Light color: full color RGBW,dream color changing
- ⌘ IP Grade:IP20
- ⌘ Power:17.28W/m(60 Leds/m)
- ⌘ Pixels: 10Piexls/m(6 Leds/Piexls)
- ⌘ Grey scale:256
- ⌘ FPC color:White
- ⌘ Cuttable:6leds is cuttable
- ⌘ Controller Technology:DMX512 controller don't need decoder
- ⌘ 4 way output,include DI,PI,V- and V+

Applications

- ⌘ Light up colorful home life ,DIY household lights for hallways, stairs, trails ,windows.
- ⌘ Light up colorful life hotels decoration use,Theaters, clubs, shopping malls, festivals and performances.
- ⌘ Architectural decorative lighting,Archway, canopy and bridge edge lighting, Security lighting and Emergency.
- ⌘ Extensively applied in Backlighting for signage letters, concealed lighting and advertisement sign lighting.

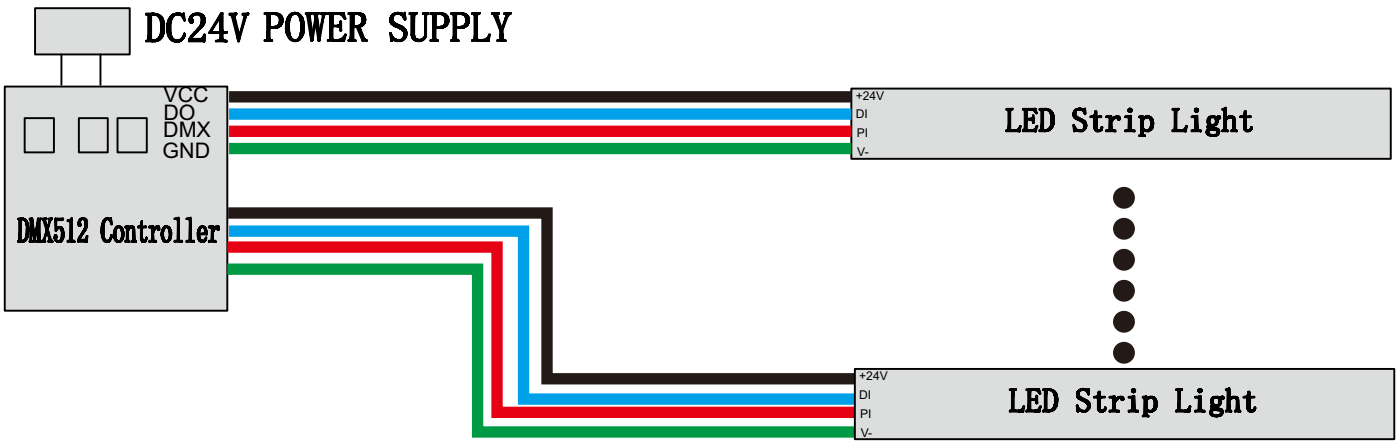
Dimension(mm)



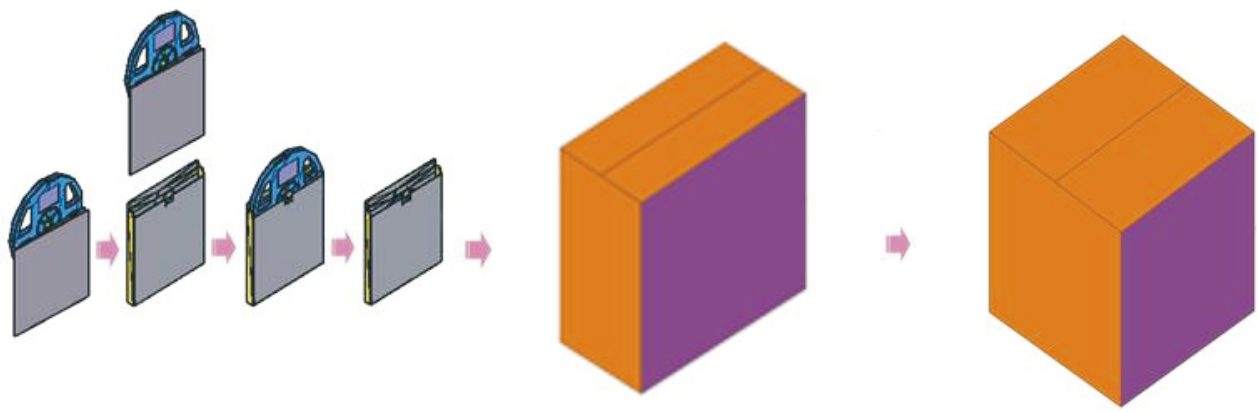
Parameter

Part Number	Color	Luminous flux(LM/M)	LED QTY/M	CCT/nm	Ra	input voltage/V	Rated Current/M	Rated Power / M	packaging	IP Grade
3512.24.20.RGBW	RGB White	600 410	60	620-630nm 515-525nm 465-475nm 3000k	80	DC24V	0.72 A	17.28W	5M/Reel	IP20

Controller Wiring Diagram



Packaging



Common fault lookup tables

Number	Failure phenomenon	Possible causes	Solution
1	All LED does not light or no color changing	Switching power supply without power	Power-on
		Reversed polarity lamp belt	Wiring correcting
		External power supply bus short circuit, switching power supply automatic short-circuit protection	check of short circuit fault, re-transmission
		Power fuse burned	Replace the fuse
2	Part of the LED lamps does not light or no color changing	Part of switch power supply without power	Check the power supply system, troubleshooting
		Part of power supply line lamp string error	Check the power supply line, troubleshooting
3	LED doesn't give same average brightness or low luminous	Power overload	With power supply
		Too much power loss of switching circuit	Using thick wire, or adjust the power position (move closer to strip), ensure that every 5 meters of strip obtains over 95% of the rated voltage
		Over many series connection of LED strips	Adjusting the number of each power supply branch lamp, meet the requirements of each power supply circuit with the maximum lamp
4	LED flash	Bad wiring connection	Find out bad connection, troubleshooting
5	Individual LED failed	Electrostatic breakdown	Check associated electrical appliances and earthing well,and replace the broken LED
		Equipment for induction electric (or leakage) breakdown	Check associated electrical appliances and earthing well,and replace the broken LED

Note & warning

- ⌘ Every 10M ofstrip should get connected with main power supply in order to reach better luminous effect
- ⌘ To guarantee its long lifespan, power supply wire should be protected from pulling or dragging by force and no impact in the process of usage
- ⌘ In order to ensure lifetime and reliability of LED strip, please do not bend or fold within 60mm diameter
- ⌘ Using at appropriate working environment
- ⌘ Please operate carefully when power-on, do not touch AC power wire to avoid shock
- ⌘ In practical applications, the power should be retained 20% margin (the proposed power usage is 80%), in order to ensure sufficient voltage drive products
- ⌘ Please note positive and negative line, correct connection, voltage uniformity between power supply and product to avoid any damage