

RGBW 4 IN 1 LED STRIP

Technical Data

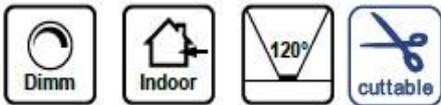
Dimension: 5000x12x2.5mm

LED Type : SMD5050 LED
LED Q'ty : 420leds

Input voltage: DV24V(98,8W)

LED pitch: 5.96mm

Continuous Length: 5M



Features

- 1.SMD5050 LED. Four chips in one LED
2. It can be chosen RGB color or white or any mixed colors by RGBW(4channels controllers)
3. Colors:RGBWW(WW:2400-2600K)/RGBNW(NW: 4000-4500K)/RGBCW(CW:6000-6500K)
4. Can be cut by 6 LEDs (DC 24V)

Applications

- ◆ Cover Lighting
- ◆ Architectural light for canopy,corridor,window,arch
- ◆ Backlight for edge lighting for signage
- ◆ DIY lights for home use
- ◆ Path and contour marking
- ◆ Decorative lights for holiday,event,show exhibition



gemessene Werte auf 5m am 11.05.2015:

R : 1,23A 29,6W

G : 1,15A 27,7W

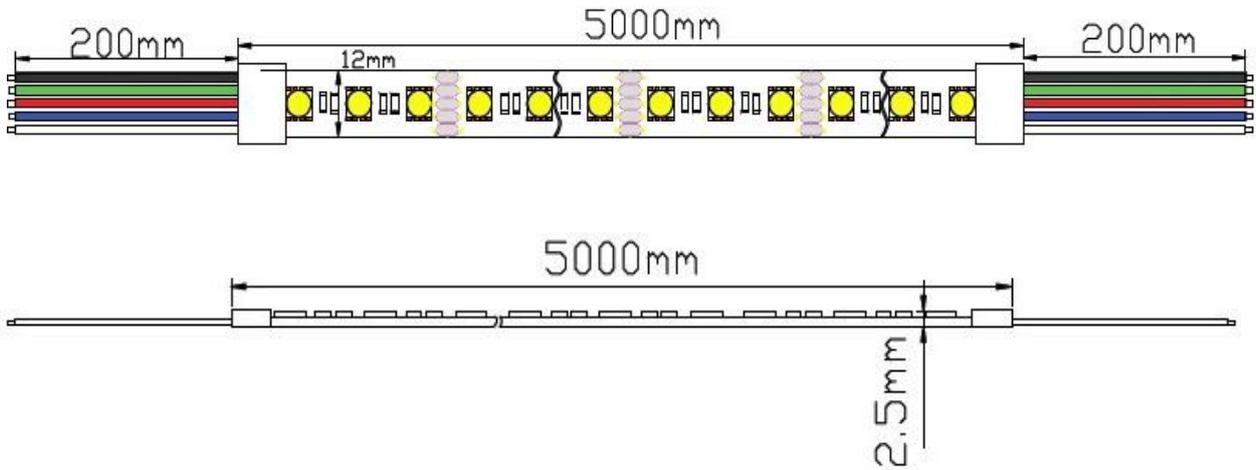
B : 1,20A 29,0W

WW : 1,20A 29,1W

RGB+WW: 4,14A 98,8W

1,6V Spannungsabfall

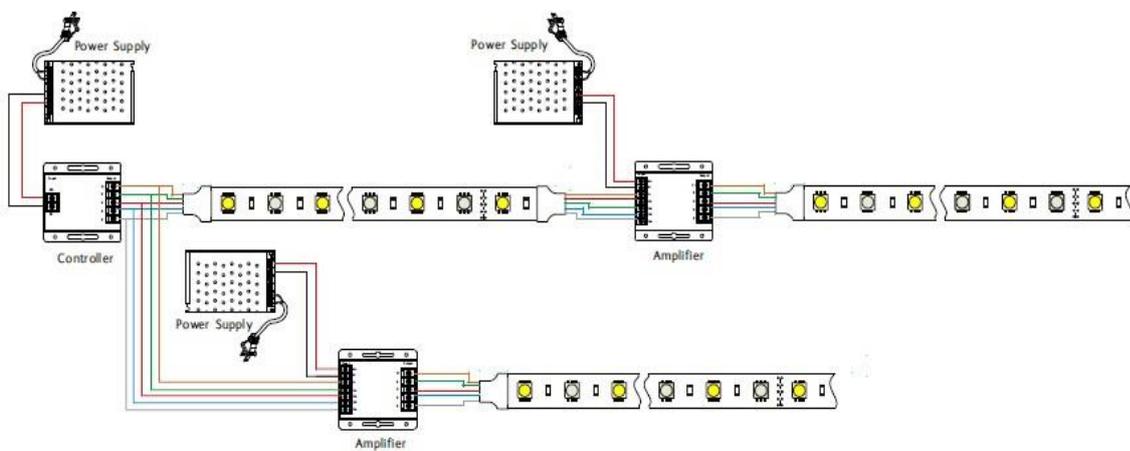
Dimension Drawing(Unit: mm)



Specifications

Part No.	Color	Luminous flux per Meter(RGBW light together)	CRI	Input Voltage	Max.Power
IP20-5050-RGBWW	RGB+WW	850lm±20lm		D C24V	100W
IP20-5050-RGBNW	RGB+NW	900lm±20lm	>80		100W
IP20-5050-RGBCW	RGB+CW	900lm±20lm			100W

Connection drawing



Safety Information:

- 1.The strip itself and all its components may not be mechanically stressed.
- 2.Assembly must not damage or destroy conducting paths on the circuit board.
- 3.Installation of LED ribbon (with power supplies) needs to be made with regard to all applicable
- 4.electrical and safety standards.Only qualified personnel should be allowed to perform installations.
- 5.Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip.
- 6.Parallel connection is highly recommended as safe electrical operation mode.
- 7.Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the strip.
8. Please ensure that the power supply is of adapters power to operate the total load.
9. When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
10. Pay attention to standard ESD precautions when installing the strip.
11. Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility
12. to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
13. Do not power more than 10m of the strip with merely a power supply.Otherwise the brightness will decay. Max. 10m is recommended to be powered seperately.
14. Caution needs to be taken while doing the connection after cutting the strip. Only authorized
15. professionals can do the work to enable it waterproof in wet locations.