



5050(RGBW)LED Strips Light

LED KING LED Strip all use of automated production equipment.

ALL SMD LEDs and flexile PCB from famous enterprises offer.

ALL Products PASS with CE RoHS and AK testing standards.

We use SMD 315、3014、3020、3528、5050, which provide CRI>90(white 2300K-6000K)

The products widely use for the space main lighting auxiliary lighting and decorative lighting of indoor、furniture advertising and commercial space.

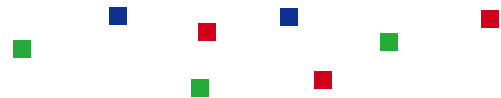


Features:

- Extremely energy-efficient.
- Super long lifetime helping to decrease maintenance costs.
- Variety of designs, matching for various applications.
- UV free and no flickering.
- Higher CRI>90.
- IP20、IP65 Rang waterproof.

Applications:

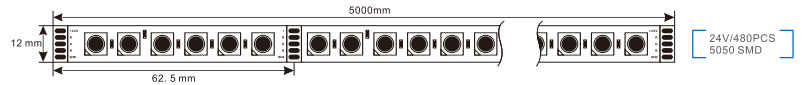
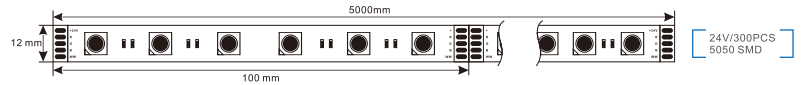
- Widely use for wall lighting.
- Indoor&outdoor decoration.
- Back light of bars.
- LED box.
- Lighting source, car decoration.
- It is a new lighting to replace the neon light, fluorescent lamp or tubes.



5050RGBW LED Series



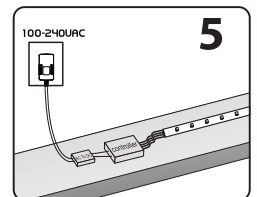
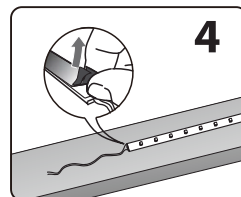
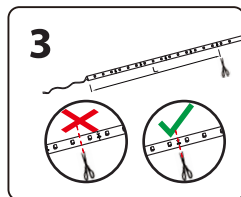
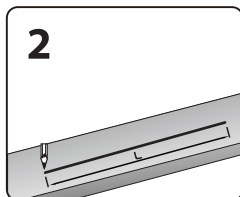
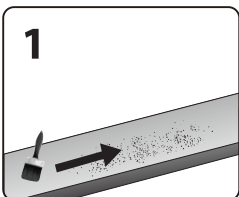
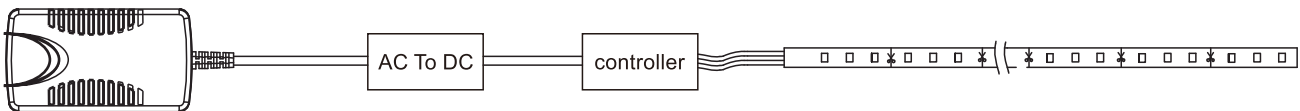
Dimension drawing:



NOTE: Warm White:3100K, Neutral White:4100K, White:6000K; R:620-624nm, G:518-520nm, B:465-467nm;

Part No of LED King	SMD	LEDs/m	Voltage	Colour	Watt/m	CRI	IP Rang	FPC Width	Max Length to Connected
K-5050-D300IP20-24V-RGBW	5050 SMD	60pcs	DC24V	RGB + $\begin{cases} WW \\ NW \\ CW \end{cases}$	19.2W	>90	IP20	12mm	≤5m
K-5050-D300IP65-24V-RGBW	5050 SMD	60pcs	DC24V	RGB + $\begin{cases} WW \\ NW \\ CW \end{cases}$	19.2W	>90	IP65	12mm	≤5m
K-5050-D480IP20-24V-RGBW	5050 SMD	96pcs	DC24V	RGB + $\begin{cases} WW \\ NW \\ CW \end{cases}$	30.7W	>90	IP20	12mm	≤5m
K-5050-D480IP65-24V-RGBW	5050 SMD	96pcs	DC24V	RGB + $\begin{cases} WW \\ NW \\ CW \end{cases}$	30.7W	>90	IP65	12mm	≤5m

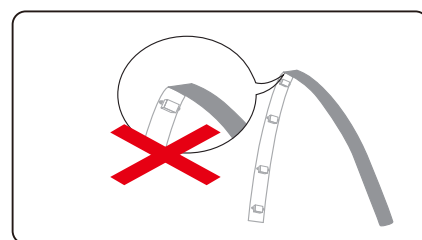
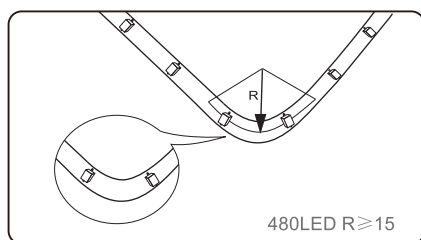
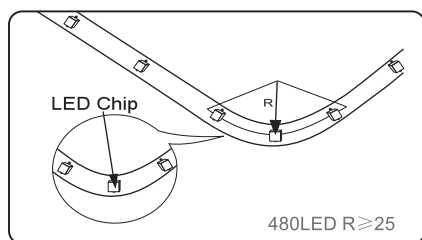
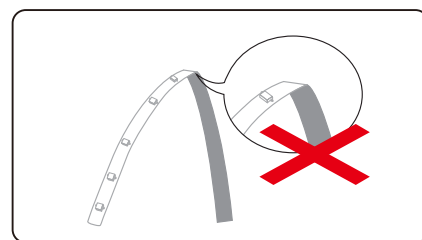
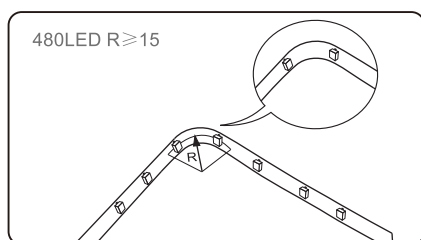
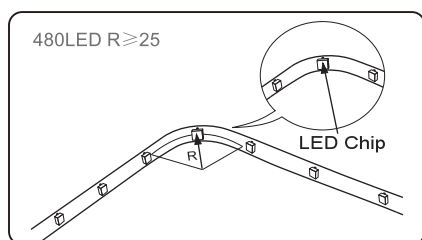
Installation instructions:





⚠ Attention

- 1.Storage Temperature:-40°C~+70°C, Operating Temperature:-25°C~+50°C.
- 2.To protect the three-core chip and ensure the life and reliability of the flexible strip,please be gentle.Squeeze and beat are not allowed.
- 3.Do not touch input port when power is on.
- 4.Please keep 20% power to protect the strip from being influenced by environments.
- 5.Please note the negative and positive polarity when you connect the wires of power supplier to avoid short circuit.
- 6.Make sure that the power supply voltage and the lighting voltage are the same.



Items	Secondary size (L*W) mm	(V) / (mA)	Cooling aluminum size (L*W*H) mm	Cooling Area (cm ²)	Temperature (°C)	Temperature on FPC (°C)
5050-24V-480LED	500*12	24V 20mA	500*16*1.0	80	32	61
5050-24V-480LED	500*12	24V 20mA	500*20*1.0	100	32	59
5050-24V-480LED	500*12	24V 20mA	500*30*1.0	150	32	55
5050-24V-480LED	500*12	24V 20mA	500*40*1.0	200	32	51
5050-24V-480LED	500*12	24V 20mA	500*50*1.0	250	32	45
5050-24V-300LED	500*12	24V 20mA	500*16*1.0	80	32	40
5050-24V-300LED	500*12	24V 20mA	500*24*1.0	120	32	38
5050-24V-300LED	500*12	24V 20mA	500*32*1.0	160	32	37

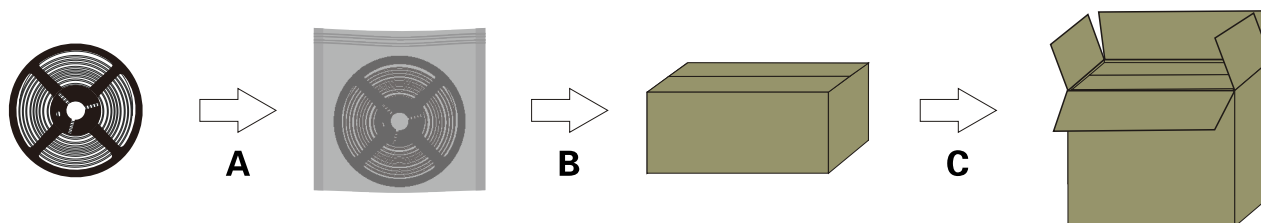
Remark:

- 1.Test conditions:Non wind and natural temperature.
- 2.Use for Test material is Aluminum,othe materials test data different This one.
- 3.When strip long time work in a closed area will be let SMD LEDs face temperature more than 85°C.
and should be let SMD LEDs lumen out decay.so, please pay more attention to the secondary cooling conditions.



Packing Specification

Type	FPC Width LEDs/m	Net Weight	Qty	Gross Weight	Demension
300LED-Non-Waterproof	12mm/60LED	0.15kg	60pcs	10.21kg	510x235x530mm
300LED-Surface Coating	12mm/60LED	0.26kg	60pcs	16.80kg	510x235x530mm
480LED-Non-Waterproof	12mm/96LED	0.16kg	60pcs	10.80kg	510x235x530mm
480LED-Surface Coating	12mm/96LED	0.30kg	60pcs	19.20kg	510x235x530mm



A: One strip in a roll package. Antistatic bag size: 216x245mm.

B: Roll packages in an inner carton. size: 485x215x250mm.

C: Two inner carton into an out carton. size: 510x235*530mm.