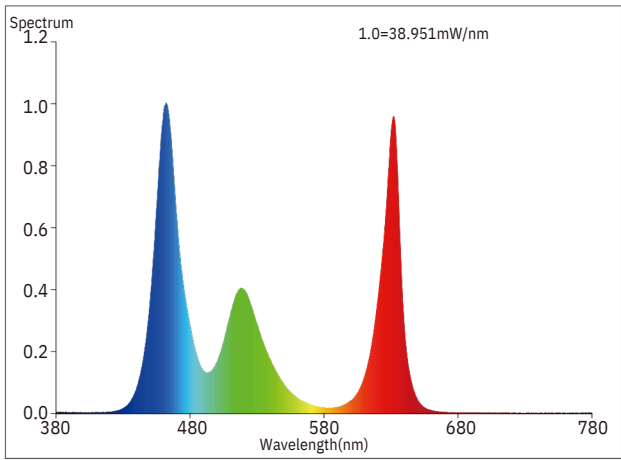




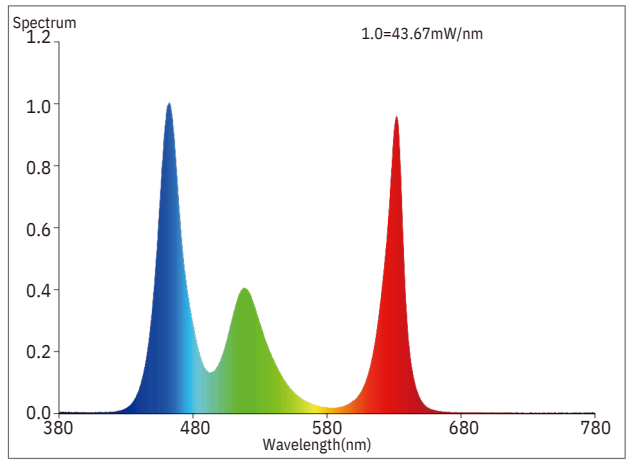
**Feature**

- Highlight SMD5050RGB + flexible FPC;
- Suitable for various dimming controllers;
- Degradable packaging;
- Storage Tem.: 0°C~+60°C;
- Operating Tem.: -20°C~+45°C;
- Warranty 5-year, >50000 hours (L70B10) for indoor usage  
 Warranty 3-year, >30000 hours (L70B10) for outdoor usage.

**Spectroscopic date**

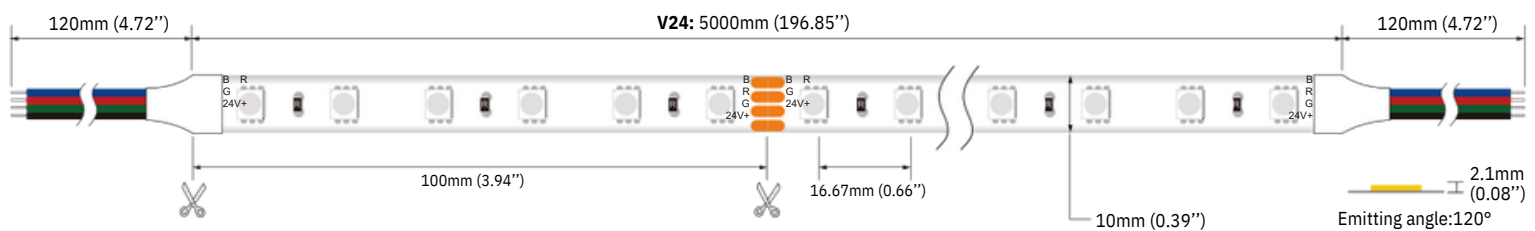
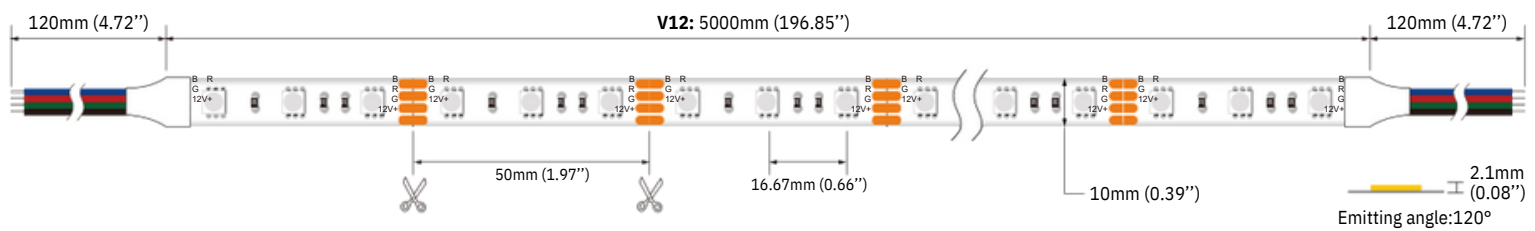


**Spectroscopic date**



**Parameter**

**Dimension**



Nomenclature: S5050M60V12RGB0IP20-10, S5050M60V12RGB represents size code, S represents soft, 5050 represents SMD5050, L represents Monochrome, 60 represents LED QTY/meter, V represents constant voltage, 12 represents DC12V, 24 represents DC24V, RGB represents RGB, 10 represents PCB width.

Description	Size	Item code	Voltage	Power	Current	CCT	Lumen /meter	Lumen /ft	LED /meter	IP Grade	Beam angle
RGB	L5000 × W10 × H2.1 MM L16.40 × W0.03 × H0.007 FT	S5050M60V12 RGB0IP20-10	DC 12V	4.8W/m (1.46W/ft)	0.4A/m (0.12A/ft)	<span style="color:red">■</span> R 620~625nm <span style="color:green">■</span> G 520~525nm <span style="color:blue">■</span> B 465~470nm	155 LM/m 315 LM/m 65 LM/m	47 LM/ft 96 LM/ft 20 LM/ft	60pcs/m	IP20 / IP55 / IP65 / IP67	120°
				14.4W/m (4.4W/ft)	1.2A/m (0.37A/ft)	<span style="color:red">■</span> RGB <span style="color:green">■</span> <span style="color:blue">■</span>	520 LM/m	158 LM/ft			
		S5050M60V24 RGB0IP20-10	DC 24V	4.8W/m (1.46W/ft)	0.2A/m (0.06A/ft)	<span style="color:red">■</span> R 620~625nm <span style="color:green">■</span> G 520~525nm <span style="color:blue">■</span> B 465~470nm	155 LM/m 315 LM/m 65 LM/m	47 LM/ft 96 LM/ft 20 LM/ft			
				14.4W/m (4.4W/ft)	0.6A/m (0.18A/ft)	<span style="color:red">■</span> RGB <span style="color:green">■</span> <span style="color:blue">■</span>	520 LM/m	158 LM/ft			

## Dimming-RGB

### 2.4G dimming RGB controller

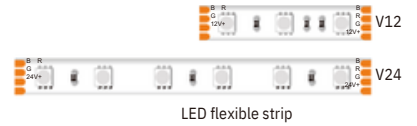


Dimmer



POWER SUPPLY

3-in-1 dimming driver (0-10V/RX/PWM) (25W, 65W, 100W)



LED flexible strip

### Smart dimming

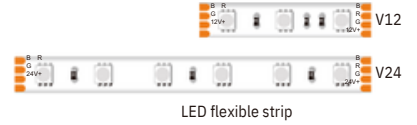


WIFI



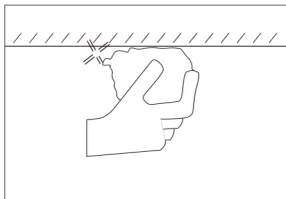
POWER SUPPLY

3-in-1 dimming driver (0-10V/RX/PWM) (25W, 65W, 100W)

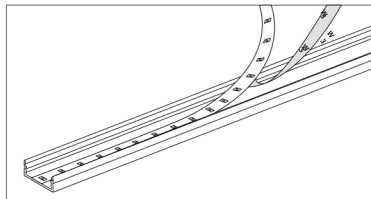


LED flexible strip

## Installation and optional accessories

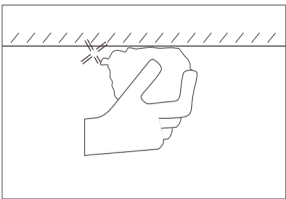


1. Clean application space.

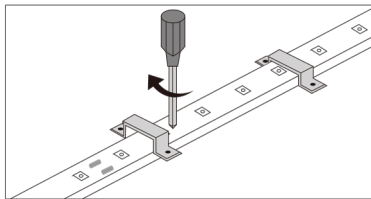


2. Peel off paper of 3M tape from solder side and then stick on application.

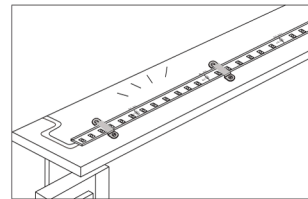
IP20/IP55/IP66



1. Clean application space.



2. Fix LED strip with clip.



3. Electrify.

IP65/IP67



BV-SL10BB-4  
IP20-10mm RGB  
for 30 ~ 120LED/m



BV-SL10XB-4  
IP20-10mm RGB  
for 30 ~ 120LED/m



Splice connector  
IP20-10mm RGB  
L Snap connector



Splice connector  
IP20-10mm RGB  
T Snap connector



Splice connector  
IP20-10mm RGB  
X Snap connector



BV-SE-N10XB-4  
IP20/IP55-10mm RGB  
for 30 ~ 120LED/m



BV-SE-N10BB-4  
IP20/IP55-10mm RGB  
for 30 ~ 120LED/m



BV-XC-JXD-H2  
DC/AC 300V10A  
for 18~22AWG



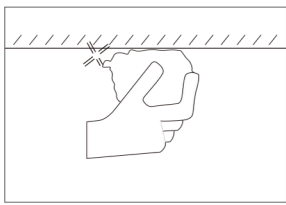
BV-XC-JXD-T2  
DC/AC 300V10A  
for 18 ~22AWG



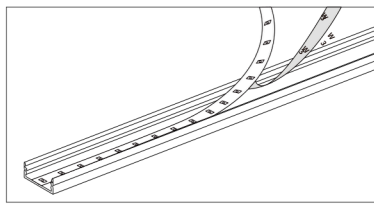
BV-XC-JXD-D2  
DC/AC 300V6A  
for 18~22AWG  
Connectible



BV-XC-PD-1T02  
DC/AC 300V6A  
Compatible with  
BV-XC-JXD-D2, 1 for 2 connector

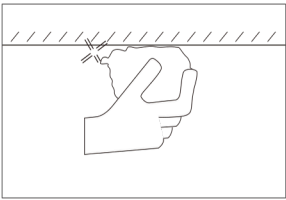


1. Clean application space.

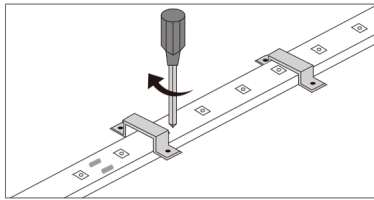


2. Peel off paper of 3M tape from solder side and then stick on application.

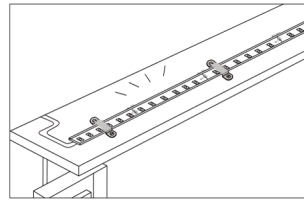
IP20/IP55/IP66



1. Clean application space.



2. Fix LED strip with clip.



3. Electrify.

IP65/IP67



BV-SL10BB-4  
IP20-10mm RGB  
for 30 ~ 120LED/m



BV-SL10XB-4  
IP20-10mm RGB  
for 30 ~ 120LED/m



Splice connector  
IP20-10mm RGB  
L Snap connector



Splice connector  
IP20-10mm RGB  
T Snap connector



Splice connector  
IP20-10mm RGB  
X Snap connector



BV-SE-N10XB-4  
IP20/IP55-10mm RGB  
for 30 ~ 120LED/m



BV-SE-N10BB-4  
IP20/IP55-10mm RGB  
for 30 ~ 120LED/m



BV-XC-JXD-H2  
DC/AC 300V10A  
for 18~22AWG



BV-XC-JXD-T2  
DC/AC 300V10A  
for 18 ~22AWG

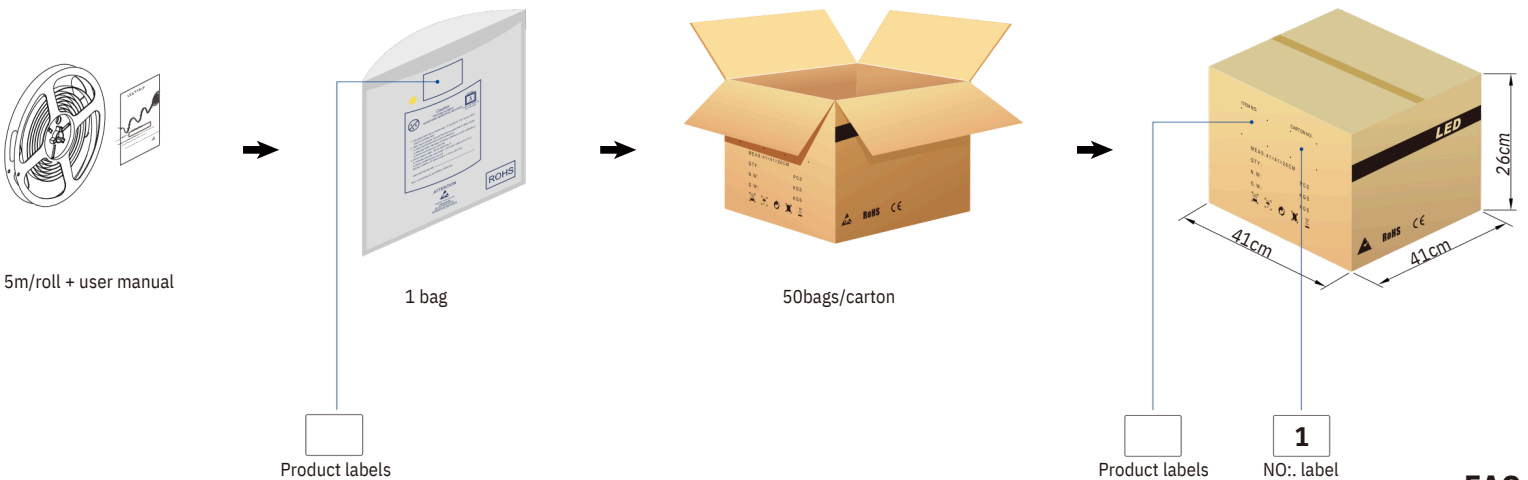


BV-XC-JXD-D2  
DCIAC 300V6A  
for 18~22AWG  
Connectible



BV-XC-PD-1T02  
DC/AC 300V6A  
Compatible with  
BV-XC-JXD-D2, 1 for 2 connector

## Package



## FAQ

**Q:** Why all LEDs do not light or no color changing ?

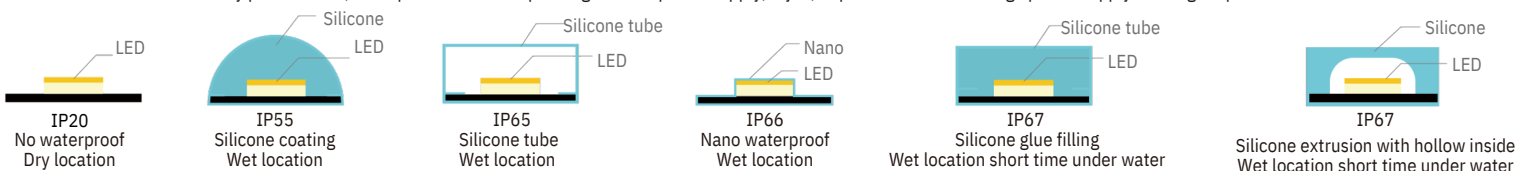
**A:** Double check if it is power-on, if wiring correctly, if there is short-circuit, if power fuse burned etc, correct it if finding anything wrong.

**Q:** Why part of LEDs do not light or no color changing ?

**A:** Double check if part of switch power supply without power, if part of circuit of LED strip with error, correct it if finding anything wrong.

**Q:** Why LEDs are twinkle ?

**A:** Double check if there is any poor contact, if the power of LED strips is higher than power supply, if yes, improve contact or change power supply with higher power.



**Q:** What application conditions for IP20/IP55/IP65/IP66/IP67 LED strips ?

**A:** 1. IP20 non-waterproof products are used for indoor only, environment humidity lower than 55%.

2. IP55 waterproof products could bear short time little water spray, do not use for environment humidity higher than 80% for long time.

3. IP65 waterproof products could bear atmospheric environmental impacts and short time little water spray, do not use for environment humidity higher than 80% for long time.

4. IP66 nano-waterproof products could be used for outdoor damp environment but can not be soaked in water for long time, do not exposure at UV environment.

5. IP67 silicone extrusion with hollow inside waterproof products could be used for outdoor, could bear water gage no more than 1 meter for short time, need to do protection for

Remark: waterproof treatment of IP55, IP65 and IP67 will bring CCT shift.