



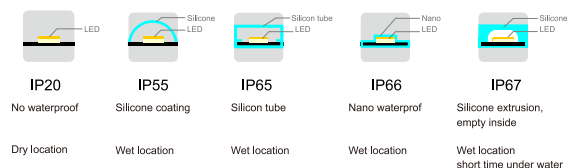
## Features

- Highlight SMD5050RGBW + flexible FPC
- High brightness :  
R 55lm/m ( 17lm/ft )  
G 150lm/m ( 46lm/ft )  
B 45lm/m ( 14lm/ft )  
W 180~195lm/m ( 55~59lm/ft )
- Precise cutting 100mm/unit ( 0.328ft/unit )
- Waterproof: IP20~IP67
- Working time  $\geq 50000$ H
- Suitable for various dimming controllers

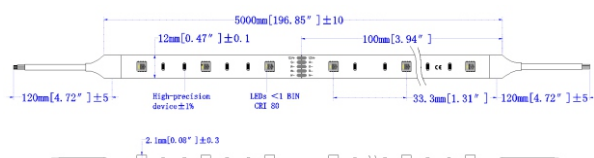
## Standard CCT



## Various waterproof solution



## Dimension



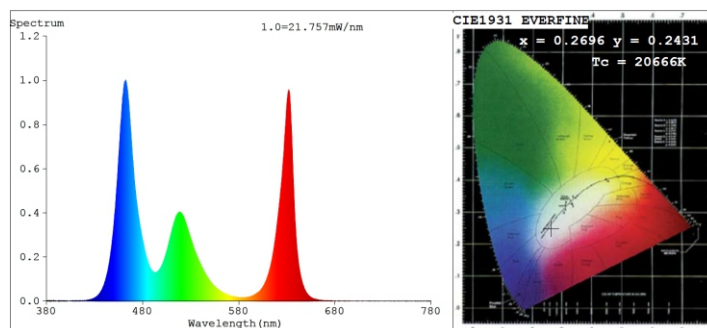
## BV standard product

help to set up an energy conservation, flexible and multifunctional home lighting, the product with the features of low power, high brightness and high waterproof, various of connection accessories and dimming control systems are for choice

## Parameter

Input voltage	12Vdc
Beam angle	120°
CCT	R/G/B/W
Power	R 2.4W/m ( 0.73W/ft ) G 2.4W/m ( 0.73W/ft ) B 2.4W/m ( 0.73W/ft ) W 2.4W/m ( 0.73W/ft )
Current	R 0.2A/m ( 0.061A/ft ) G 0.2A/m ( 0.061A/ft ) B 0.2A/m ( 0.061A/ft ) W 0.2A/m ( 0.061A/ft )
Brightness	R 55lm/m ( 17lm/ft ) G 150lm/m ( 46lm/ft ) B 45lm/m ( 14lm/ft ) W 180~195lm/m ( 55~59lm/ft )
Length / reel	5M ( 16.4ft )
Cut length	100mm/unit ( 0.328ft/unit )
IP grade	IP20/IP55/IP65/IP66/IP67
Operating Temperature	-20℃ ~ +45℃
Storage temperature	0℃ ~ +60℃
Environment humidity	40-70% RH

## Test report





R 620nm

2.4W/m ( 0.73W/ft )  
55lm/m ( 17lm/ft )

G 525nm

2.4W/m ( 0.73W/ft )  
150lm/m ( 46lm/ft )

B 470nm

2.4W/m ( 0.73W/ft )  
45lm/m ( 14lm/ft )

## W

2.4W/m ( 0.73W/ft )  
2700K:180lm/m ( 55lm/ft )  
3000K:185lm/m ( 56lm/ft )  
4000K:190lm/m ( 58lm/ft )  
6000K:195lm/m ( 59lm/ft )

## Optional accessories



BV-SE-N12XB-5  
IP20/IP55-12mm RGBW  
for 30 ~ 120LED/m



BV-SE-N12BB-5  
IP20/IP55-10mm RGBW  
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

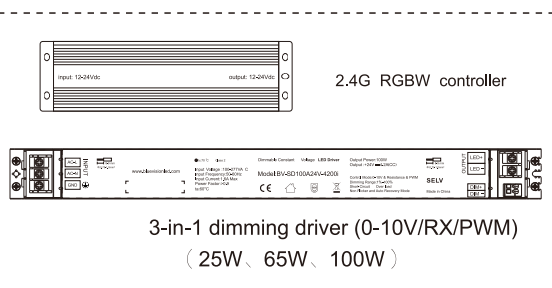


BV-XC-PD-1T02  
DC/AC 300V6A  
Compatible with BV-XC-JXD-D2, 1 for 2 connector

## 2.4G dimming



Dimmer



LED flexible strip

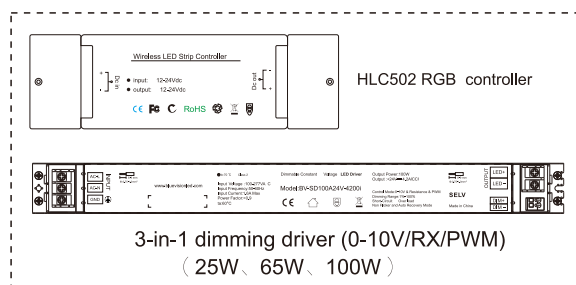
## Smart dimming



WIFI



wireless control



LED flexible strip