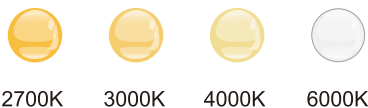




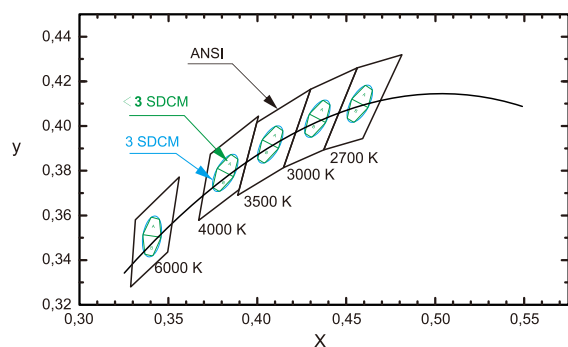
## Features

- Highlight SMD2835 + flexible FPC
- CRI80+/90+
- High brightness 730~850lm/m ( 222~259lm/ft )
- Light efficiency up to 115lm/W
- Precise cutting 50mm/unit ( 0.164ft/unit )
- Waterproof: IP20~IP67
- Working time  $\geq 50000\text{H}$
- Suitable for various dimming controllers

## Standard CCT

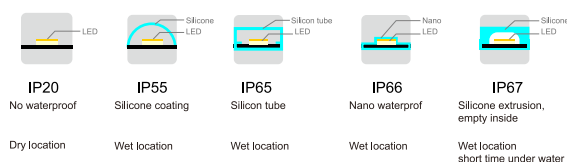


## Narrow spectrum



Impressive color consistency within 3 Step  
MacAdam in the center BIN on the Planck  
Locus over each individual LED, One Bin Only

## Various waterproof solution



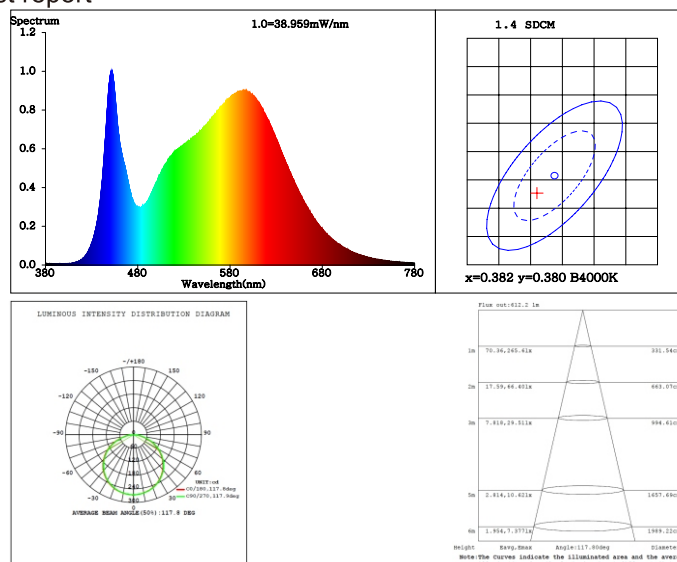
## BV standard product

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

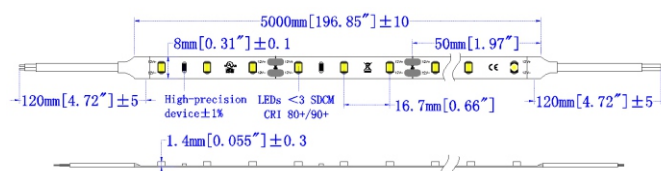
## Parameter

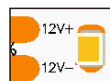


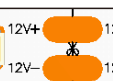


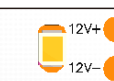
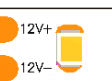



Input voltage	12Vdc
Beam angle	120°
CCT	2700K/3000K/4000K/6000K ( 2300K/3500K/5000K )
CRI	80+/90+
Power	7.2W/m ( 2.19W/ft )
Current	0.6A/m ( 0.183A/ft )
Brightness	730~850lm/m ( 222~259lm/ft )
Length / reel	5M ( 16.4ft )
Cut length	50mm/unit ( 0.164ft/unit )
IP grade	IP20/IP55/IP65/IP66/IP67
Operating Temperature	-20°C ~ +45°C
Storage temperature	0°C ~ +60°C
Environment humidity	40-70% RH

## Test report



## Dimension

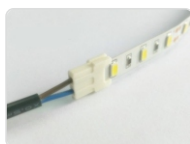


										
<b>2700K</b>			<b>3000K</b>			<b>4000K</b>			<b>6000K</b>	
7.2W/m ( 2.19W/ft ) 734lm/m ( 224lm/ft )			7.2W/m ( 2.19W/ft ) 787lm/m ( 240lm/ft )			7.2W/m ( 2.19W/ft ) 834lm/m ( 254lm/ft )			7.2W/m ( 2.19W/ft ) 813lm/m ( 248lm/ft )	
<b>2300K</b>			<b>3500K</b>			<b>5000K</b>				
7.2W/m ( 2.19W/ft ) 690lm/m ( 210lm/ft )			7.2W/m ( 2.19W/ft ) 800lm/m ( 244lm/ft )			7.2W/m ( 2.19W/ft ) 820lm/m ( 250lm/ft )				

## Optional accessories



**BV-SL8BB-2**  
IP20-8mm single color  
for 30 ~ 120LED/m



**BV-SL8XB-2**  
IP20-8mm single color  
for 30 ~ 120LED/m



**8mm-IP20**  
Splice Connector  
(L) Snap connector  
(T) Snap connector  
(X) Snap connector



**BV-SE-N8XB-2**  
IP20/IP55-8mm single color  
for 30 ~ 120LED/m



**BV-SE-N8BB-2**  
IP20/IP55-8mm single color  
for 30 ~ 120LED/m



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



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

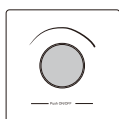


**BV-XC-JXD-D2**  
DC/AC 300V6A  
for 18 ~ 22AWG  
Connectible



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

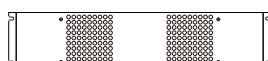
## Triac dimming



Wireless dimmer



Triac driver

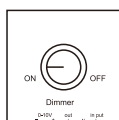


UL junction box



LED flexible strip

## 0-10V dimming



Dimmer



High power 3-in-1 dimming driver  
( 300W、320W、360W )



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



LED flexible strip

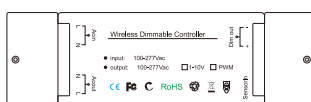
## Smart dimming



WIFI



wireless control



HLC501 wireless controller



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



LED flexible strip