

# Specification Sheet

Client	Project	Order no.
Type	Qty	Date

## B3528-12V-120-8mm-9.6W-4200K Flexible LED Strip Tape



### PHYSICAL

SMD Type	3528		
LED Strip Width	5/16 in	8 mm	
Roll Length	16.8 ft	5 m	
LED Density	36.6 LED/ft	120 LED/m	600 LED/roll
Can be cut at every	3 LED	0.98 in	25mm
Lifespan	50 000 Hrs		

### ELECTRICAL

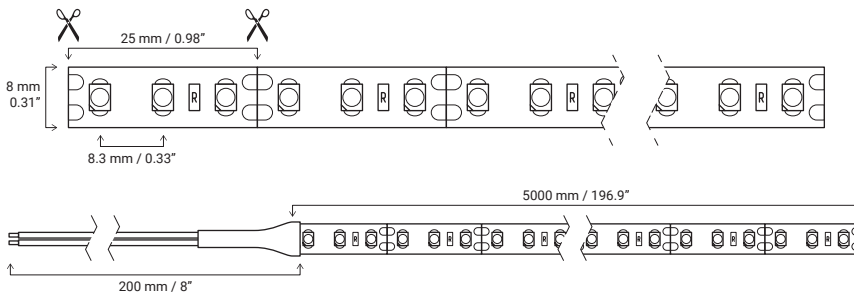
Input	12V DC	Constant Voltage	
Rated Power Consumption	2.9 W/ft	9.6 W/m	48 W/roll

### LIGHTING

Luminous Flux	235 lm/ft	760 lm/m	3800 lm/roll
Luminous Efficacy	84.6 lm/W		
Correlated Color Temperature	4200K	(Neutral White)	
Colour Rendering Index	93.2		
dUV (black-body curve deviation)	0.0012		



### DIMENSIONS



Electrical Input Rated Power

**CONSTANT VOLTAGE** 12V DC 48 W/roll

Correlated Color Temperature (CCT) 4200K

WARM ↓ COOL



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# B3528-12V-120-8mm-9.6W-4200K

## Flexible LED Strip Tape



### Product Mark

**Product Type :**

B3528-12V-120-8mm-9.6W-4200K-IP22 1M

**Manufacturer :** CC SOURCE LTD

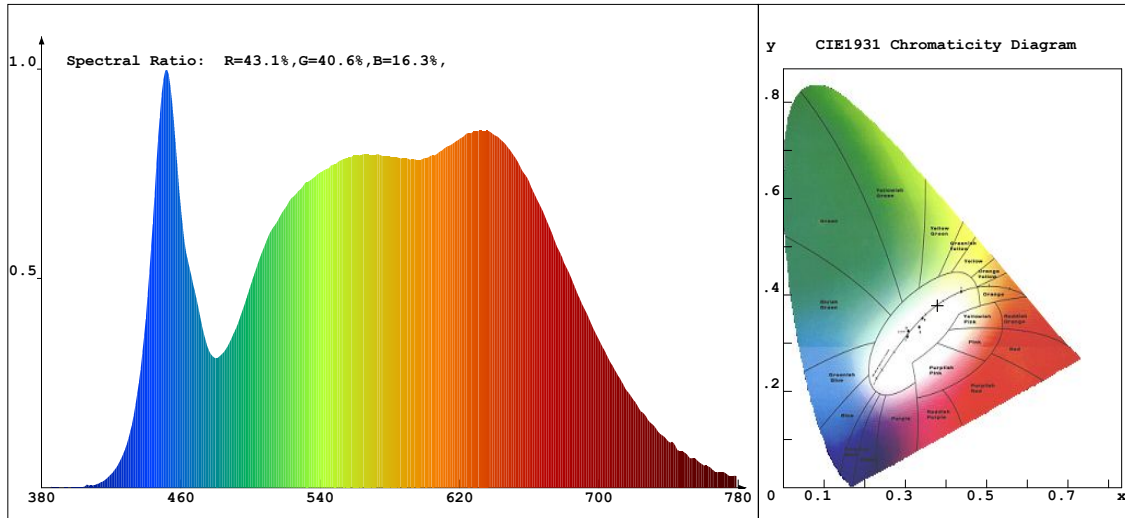
**Temperature :** 'C

**Humidity :** 65%

**Operator :**

**Test Date :** 2016-12-07 15:49:33

**Remark:** CCSR LAB



### Chroma Parameters

Chro.Coor.: x=0.3786 y=0.3781 u=0.2234 v=0.3346 duv=0.0012

CCT: 4060K Dominant Wave.: 578.2nm Purity: 27.1%

Flux RGB Ratio: R=19.4%, G=78.1%, B=2.5% Peak Wave: 451.6nm Half Width: 24.9nm

### Rendering Index: Ra= 93.2

R1 =94 R2 =94 R3 =92 R4 =93 R5 =92 R6 =90 R7 =98 R8 =94  
R9 =81 R10=84 R11=92 R12=68 R13=94 R14=95 R15=94

### Photo Parameters

Flux: 761.40lm

Effi.: 84.6lm/W

Radiant: 2498.3mW

Iv: 0.0mcd

### Ele. Parameters

Voltage: U=12.000V

Current: I=0.7500A

Power: P=9.00W

Power Factor: PF=1.000

### Lamp Parameters

Voltage: U=0.000V

Current: I=0.0000A

Power: P=0.00W

Power Factor: PF=1.000

Efficacy: 0.0lm/W

# B3528-12V-120-8mm-9.6W-4200K

## Flexible LED Strip Tape



### Chroma Parameters

Chromaticity Coordinates:  $x=0.3786, y=0.378, u=0.2234, v=0.3346, duv=0.0012$   
 Correlated Color Temperature: 4060K  
 Dominant Wave.: 578.2nm  
 Purity: 27.1%  
 Flux RGB Ratio: R=19.4%, G=78.1%, B=2.5%  
 Peak Wave: 451.6nm  
 Half Width: 24.9nm

### Rendering Index: Ra= 93.2

R1 =94 R2 =94 R3 =92 R4 =93 R5 =92 R6 =90 R7 =98 R8 =94  
 R9 =81 R10=84 R11=92 R12=68 R13=94 R14=95 R15=94

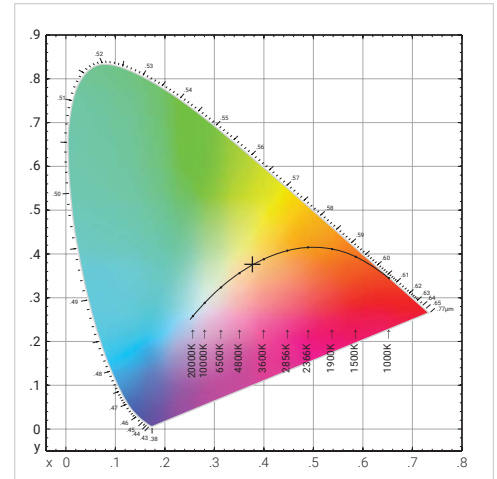
### Photo Parameters

Luminous Flux: 761.40lm  
 Luminous Efficacy: 84.6lm/W  
 Radiant Flux: 2498.3mW  
 Iv: 0.0mcd

### Electrical Parameters

Voltage: U=12.000V  
 Current: I=0.7500A  
 Power: P=9.00W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Spectral Ratio: R=43.1%,G=40.6%,B=16.3%

