



# Specification Sheet

Client

Project

Order no.

Type

Qty

Date

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

### Flexible LED Strip Tape



#### PHYSICAL

|                     |            |  |           |              |
|---------------------|------------|--|-----------|--------------|
| SMD Type            | 3528       |  | 8 mm      |              |
| LED Strip Width     | 5/16 in    |  | 8 mm      |              |
| Roll Length         | 16.4 ft    |  | 5 m       |              |
| LED Density         | 36 LEDs/ft |  | 120 LED/m | 600 LED/roll |
| Can be cut at every | 3 LEDs     |  | 0.98 in   | 25mm         |
| Lifespan            | 50 000 Hrs |  |           |              |

#### ELECTRICAL

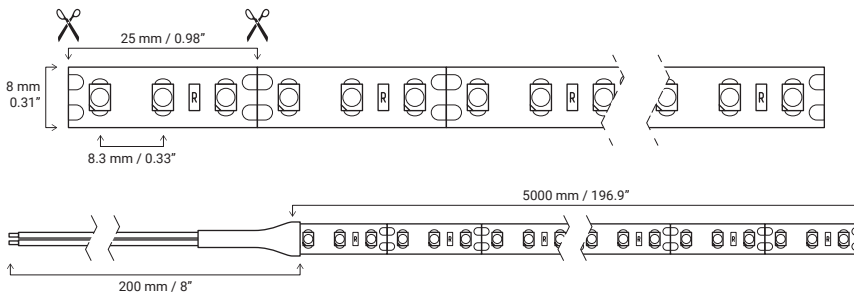
|                         |          |                  |           |
|-------------------------|----------|------------------|-----------|
| Input                   | 12V DC   | Constant Voltage |           |
| Rated Power Consumption | 2.9 W/ft | 9.6 W/m          | 48 W/roll |

#### LIGHTING

|                                  |           |                 |         |
|----------------------------------|-----------|-----------------|---------|
| Luminous Flux                    | 23 lm/ft  | 760 lm          | 3800 lm |
| 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

CONSTANT VOLTAGE

12V DC

Rated Power

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

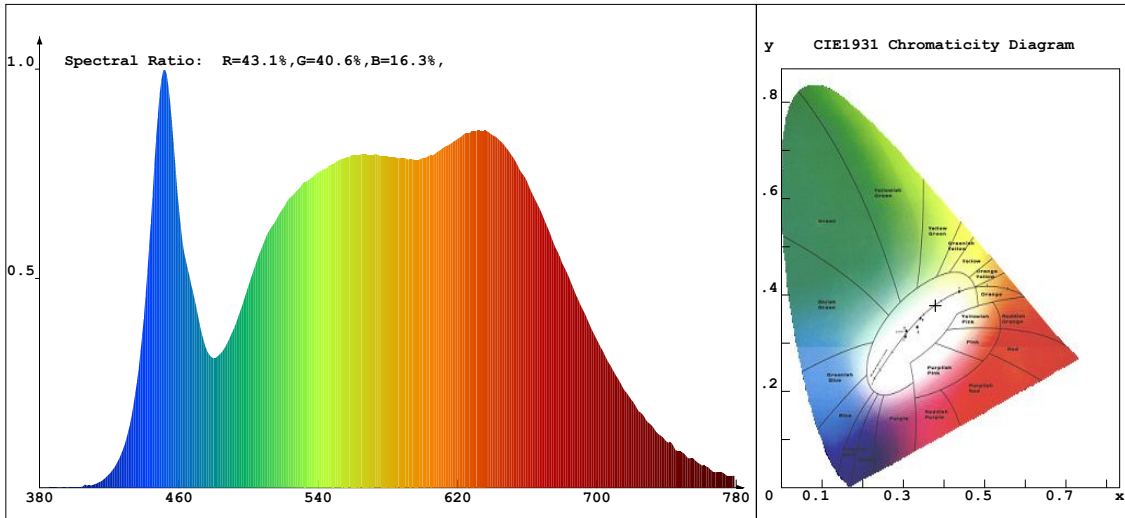
Temperature : 'C

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



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# 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

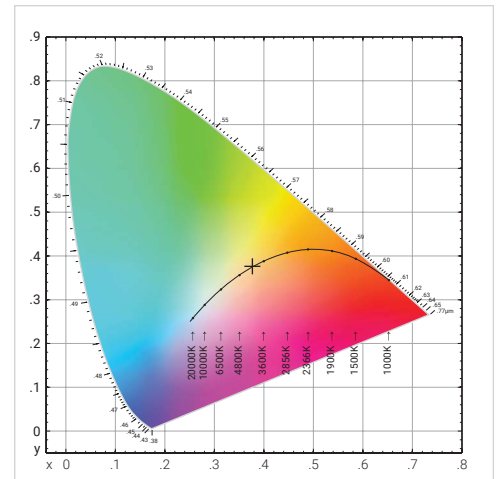
Luminous Flux: 761.40lm  
 Luminous Efficacy: 84.6lm/W  
 Radiant Flux: 2498.3mW  
 Iv: 0.0mcd

### 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%

