

# B3528-SIDE3D-12V-120-10mm-9.6W-4200K-IP68

## Specification Sheet



### PHYSICAL

Product Type	Flexible LED Strip in Silicone Sleeve w/Endcaps, Lateral Projection		
SMD Type	3528		
Strip Width	2/5 x 1/4 in	10 x 6 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	36.6 LED/ft	120 LED/m	600 LED/roll total
Can be cut at every	1 in	25 mm	3 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP68		

### ELECTRICAL

Input Type	DC, Constant Voltage		
Input Voltage	12V DC		
Rated Power (Max.)	2.9 W/ft	9.6 W/m	48 W/roll total

### LIGHTING

Luminous Flux	<b>232.1 lm/ft</b>	<b>761.4 lm/m</b>	<b>3807 lm/roll total</b>
Luminous Efficacy	<b>84.6 lm/W</b>		
Correlated Color Temperature	<b>4200K (Neutral White)</b>		
Colour Rendering Index	<b>93.2</b>		
R9	<b>81</b>		
duv (black-body curve deviation)	<b>0.0012</b>		



Electrical Input

Rated Power (Max.)

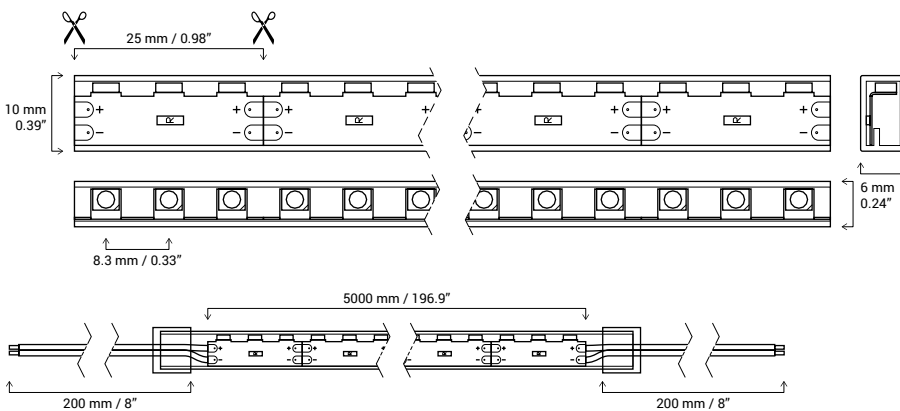
CONSTANT VOLTAGE	<b>12V DC</b>	<b>48 W/roll</b>
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Correlated Color Temperature (CCT)

4200K



### DIMENSIONS



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## Test Data for 1 Meter LED Strip Length



### Chroma Parameters

Chromaticity Coordinates:  $x=0.3786, y=0.378, u=0.2234, v=0.3346, duv=0.0012$   
 Correlated Color Temperature: 4212K  
 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

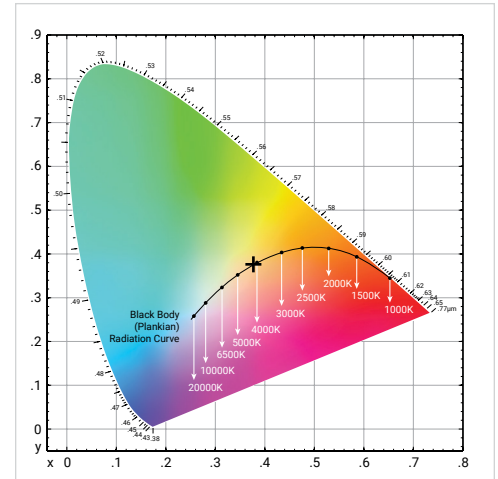
### Photo Parameters

Luminous Flux: 761.4 lm  
 Luminous Efficacy: 84.6 lm/W  
 Radiant Flux: 2498.3 mW  
 Iv: 0.0 mcd

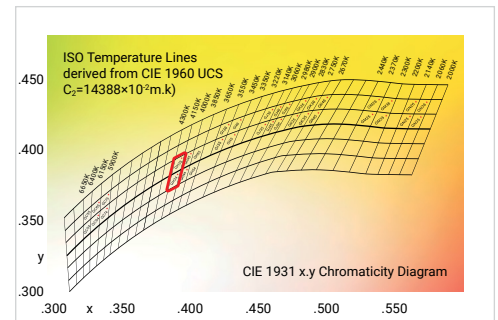
### Electrical Parameters

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

C.I.E. 1931 Chromaticity Diagram



Binning: GH34-35 (4150-4300K)



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

