

## B3528-24V-120-8mm-9.6W-4200K-IP22

### Specification Sheet



#### PHYSICAL

Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	5/16 in	8 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	1.97 in	50 mm	6 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP22		



#### ELECTRICAL

Input Type	DC, Constant Voltage		
Input Voltage	24V DC		
Rated Power (Max.)	2.9 W/ft	9.6 W/m	48 W/roll total

#### LIGHTING

Luminous Flux	<b>214.9 lm/ft</b>	705 lm/m	3525 lm/roll total
Luminous Efficacy	<b>86.5 lm/W</b>		
Correlated Color Temperature	<b>4200K (Neutral White)</b>		
Colour Rendering Index	<b>93.4</b>		
R9	<b>81</b>		
duv (black-body curve deviation)	<b>0.0006</b>		

Electrical Input

Rated Power (Max.)

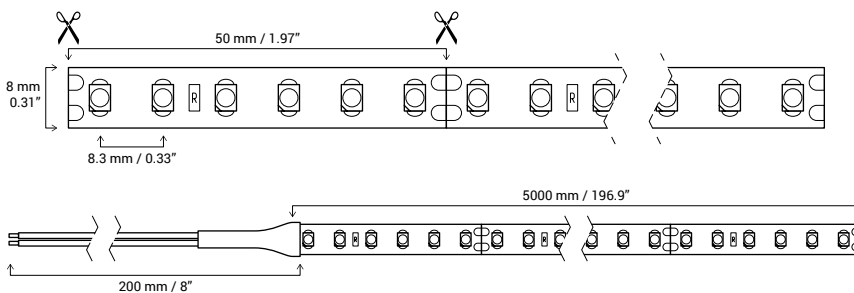
CONSTANT VOLTAGE	<b>24V DC</b>	<b>48 W/roll</b>
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Correlated Color Temperature (CCT)

4200K



#### DIMENSIONS



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### Test Data for 1 Meter LED Strip Length



#### Chroma Parameters

Chromaticity Coordinates:  $x=0.3768, y=0.3757, u=0.2231, v=0.3337, duv=0.0006$   
 Correlated Color Temperature: 4212K  
 Dominant Wave.: 578.4nm  
 Purity: 25.8%  
 Flux RGB Ratio: R=19.4%, G=78.0%, B=2.6%  
 Peak Wave: 451.8nm  
 Half Width: 23.8nm

#### Rendering Index: Ra=93.4

R1=94 R2=95 R3=93 R4=94 R5=92 R6=89 R7=97 R8=93  
 R9=81 R10=85 R11=93 R12=67 R13=94 R14=96 R15=94

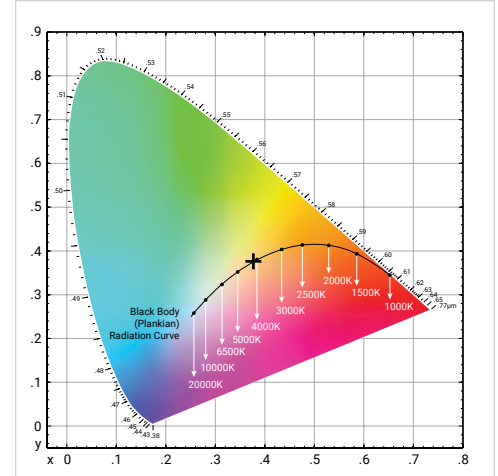
#### Photo Parameters

Luminous Flux: 705.0 lm  
 Luminous Efficacy: 86.5 lm/W  
 Radiant Flux: 2309.88 mW  
 Iv: 0.0 mcd

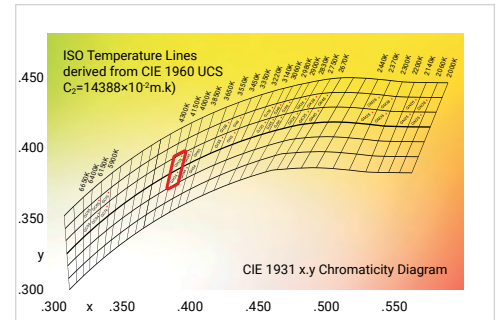
#### Electrical Parameters

Voltage: U=24.000V  
 Current: I=0.3396A  
 Power: P=8.15W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GH34-35 (4150-4300K)



Spectral Ratio: R=42.4%, G=40.7%, B=16.9%

