

## B3528-24V-120-8mm-9.6W-2400K-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>172.4 lm/ft</b>	565.8 lm/m	2829 lm/roll total
Luminous Efficacy	<b>76 lm/W</b>		
Correlated Color Temperature	<b>2400K (Soft White)</b>		
Colour Rendering Index	<b>92.5</b>		
R9	<b>58</b>		
duv (black-body curve deviation)	<b>0.0019</b>		



Electrical Input

Rated Power (Max.)

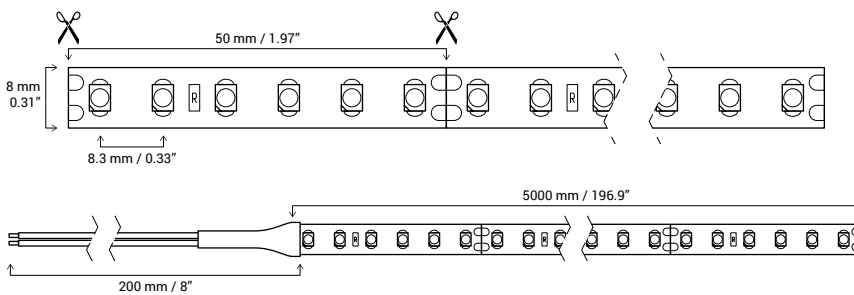
**CONSTANT VOLTAGE 24V DC 48 W/roll**

Correlated Color Temperature (CCT)

2400K



#### DIMENSIONS



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### Test Data for 1 Meter LED Strip Length



#### Chroma Parameters

Chromaticity Coordinates: x=0.4858, y=0.4202, u=0.2748, v=0.3566, duv=0.0019  
 Correlated Color Temperature: 2444K  
 Dominant Wave.: 585.1nm  
 Purity: 71.9%  
 Flux RGB Ratio: R=28.6%, G=70.4%, B=1.0%  
 Peak Wave: 624.6nm  
 Half Width: 136.9nm

#### Rendering Index: Ra= 92.5

R1=91 R2=95 R3=98 R4=94 R5=93 R6=96 R7=91 R8=80  
 R9=58 R10=88 R11=96 R12=85 R13=92 R14=98 R15=87

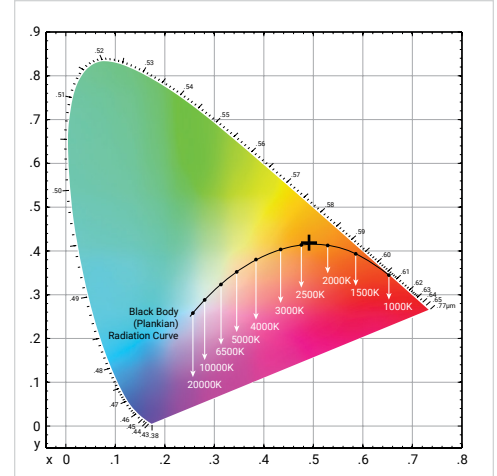
#### Photo Parameters

Luminous Flux: 565.75 lm  
 Luminous Efficacy: 76.01 lm/W  
 Radiant Flux: 2480.7 mW  
 Iv: 0.0 mcd

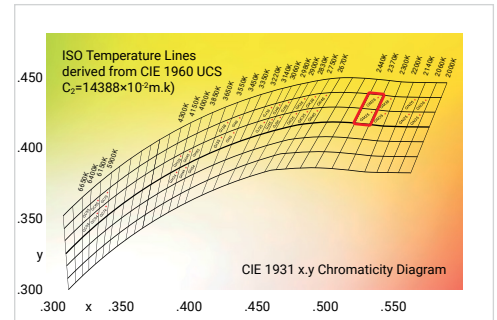
#### Electrical Parameters

Voltage: U=24.000V  
 Current: I=0.3100A  
 Power: P=7.44W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GM25-26 (2370-2440K)



Spectral Ratio: R=59.9%, G=34.7%, B=5.5%

