

## B3528-24V-120-8mm-9.6W-3500K-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

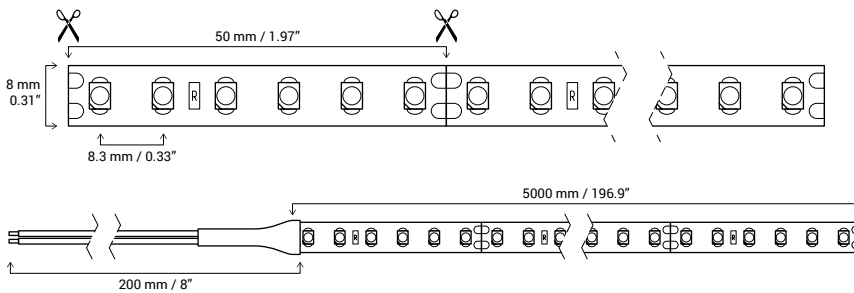
LIGHTING			
Luminous Flux	<b>193.7 lm/ft</b>	635.5 lm/m	3178 lm/roll total
Luminous Efficacy	<b>82.7 lm/W</b>		
Correlated Color Temperature	<b>3500K (Bright White)</b>		
Colour Rendering Index	<b>92.7</b>		
R9	<b>71</b>		
duv (black-body curve deviation)	<b>0.0016</b>		



Electrical Input Rated Power (Max.)  
**CONSTANT VOLTAGE 24V DC** **48 W/roll**

Correlated Color Temperature (CCT) 3500K  
  
 WARM COOL

### DIMENSIONS



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### Test Data for 1 Meter LED Strip Length



#### Chroma Parameters

Chromaticity Coordinates: x=0.4044, y=0.3939, u=0.2338, v=0.3416, duv=0.0016  
 Correlated Color Temperature: 3592K  
 Dominant Wave.: 580.0nm  
 Purity: 39.6%  
 Flux RGB Ratio: R=19.9%, G=77.9%, B=2.2%  
 Peak Wave: 596.7nm  
 Half Width: 141.6nm

#### Rendering Index: Ra=92.7

R1=97 R2=97 R3=93 R4=94 R5=94 R6=93 R7=97 R8=95  
 R9=71 R10=89 R11=95 R12=75 R13=96 R14=96 R15=97

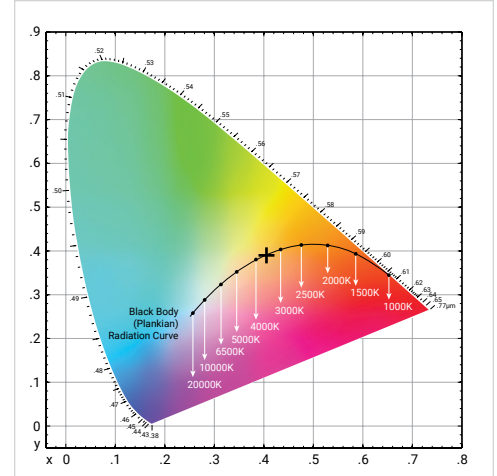
#### Photo Parameters

Luminous Flux: 635.5 lm  
 Luminous Efficacy: 82.7 lm/W  
 Radiant Flux: 1880.7 mW  
 Iv: 0.0 mcd

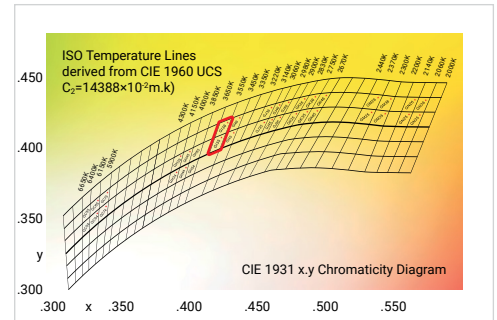
#### Electrical Parameters

Voltage: U=24.000V  
 Current: I=0.3154A  
 Power: P=7.57W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: G135-36 (3550-3650K)



Spectral Ratio: R=36.4%, G=47.9%, B=15.7%

