

## B3528-24V-180-8mm-14.5W-4200K-IP22

### Specification Sheet



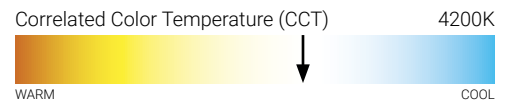
PHYSICAL			
Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	5/16 in	8 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	54.9 LED/ft	180 LED/m	900 LED/roll total
Can be cut at every	1.31 in	33.3 mm	6 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP22		

ELECTRICAL			
Input Type	DC, Constant Voltage		
Input Voltage	24V DC		
Rated Power (Max.)	4.4 W/ft	14.5 W/m	73 W/roll total

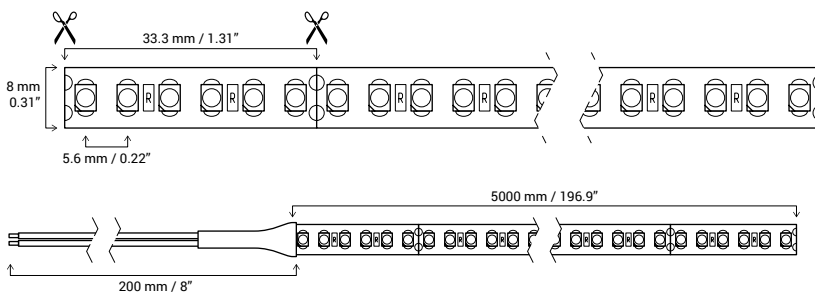
LIGHTING			
Luminous Flux	<b>282.8 lm/ft</b>	927.8 lm/m	4639 lm/roll total
Luminous Efficacy	<b>80.5 lm/W</b>		
Correlated Color Temperature	<b>4200K (Neutral White)</b>		
Colour Rendering Index	<b>94</b>		
R9	<b>83</b>		
duv (black-body curve deviation)	<b>0.0001</b>		



Electrical Input	Rated Power (Max.)
<b>CONSTANT VOLTAGE 24V DC</b>	<b>73 W/roll</b>



### DIMENSIONS



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### Test Data for 1 Meter LED Strip Length



#### Chroma Parameters

Chromaticity Coordinates: x=0.3776, y=0.3751, u=0.2239, v=0.3336, duv=0.0001  
 Correlated Color Temperature: 4208K  
 Dominant Wave.: 578.8nm  
 Purity: 25.9%  
 Flux RGB Ratio: R=19.6%, G=77.8%, B=2.6%  
 Peak Wave: 452.1nm  
 Half Width: 24.7nm

#### Rendering Index: Ra=94.0

R1=95 R2=95 R3=93 R4=94 R5=93 R6=90 R7=98 R8=94  
 R9=83 R10=87 R11=93 R12=69 R13=95 R14=96 R15=95

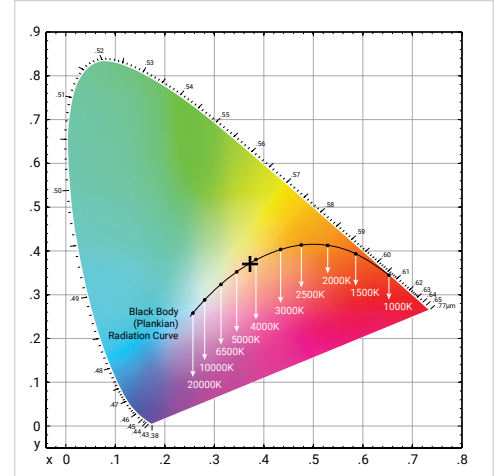
#### Photo Parameters

Luminous Flux: 927.8 lm  
 Luminous Efficacy: 79.3 lm/W  
 Radiant Flux: 3290.3 mW  
 Iv: 0.0 mcd

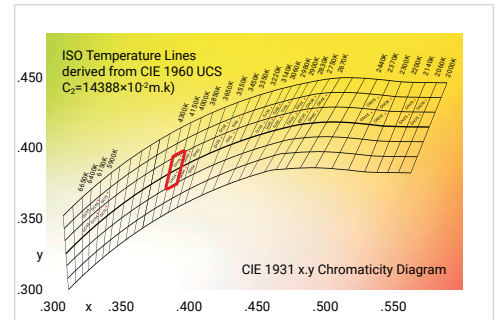
#### Electrical Parameters

Voltage: U=24.000V  
 Current: I=0.4875A  
 Power: P=11.7W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GH34-35 (4150-4300K)



Spectral Ratio: R=42.9%, G=40.3%, B=16.8%

