

## B3528-12V-60-8mm-4.8W-3000K-IP22

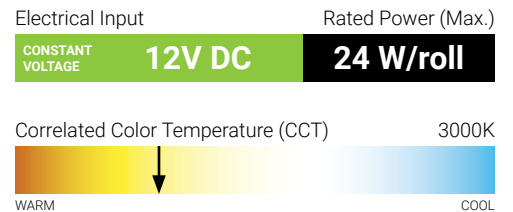
### Specification Sheet



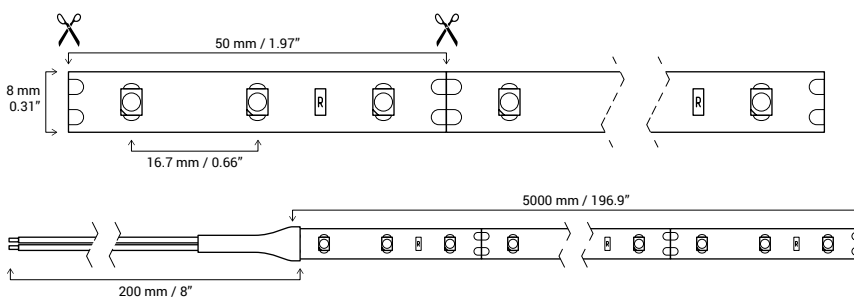
PHYSICAL			
Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	5/16 in	8 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	18.3 LED/ft	60 LED/m	300 LED/roll total
Can be cut at every	1.97 in	50 mm	3 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP22		

ELECTRICAL			
Input Type	DC, Constant Voltage		
Input Voltage	12V DC		
Rated Power (Max.)	1.5 W/ft	4.8 W/m	24 W/roll total

LIGHTING			
Luminous Flux	<b>109.9 lm/ft</b>	360.5 lm/m	1803 lm/roll total
Luminous Efficacy	<b>83.4 lm/W</b>		
Correlated Color Temperature	<b>3000 (Warm White)</b>		
Colour Rendering Index	<b>92.8</b>		
R9	<b>66</b>		
duv (black-body curve deviation)	<b>-0.0007</b>		



### DIMENSIONS



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### Test Data for 1 Meter LED Strip Length



#### Chroma Parameters

Chromaticity Coordinates:  $x=0.4221, y=0.3967, u=0.2442, v=0.3441, duv=-0.0007$   
 Correlated Color Temperature: 3061K  
 Dominant Wave.: 582.3nm  
 Purity: 45.8%  
 Flux RGB Ratio: R=23.0%, G=75.1%, B=1.9%  
 Peak Wave: 624.6nm  
 Half Width: 174.3nm

#### Rendering Index: Ra=92.8

R1=94 R2=96 R3=96 R4=92 R5=92 R6=93 R7=94 R8=86  
 R9=66 R10=88 R11=93 R12=77 R13=94 R14=97 R15=91

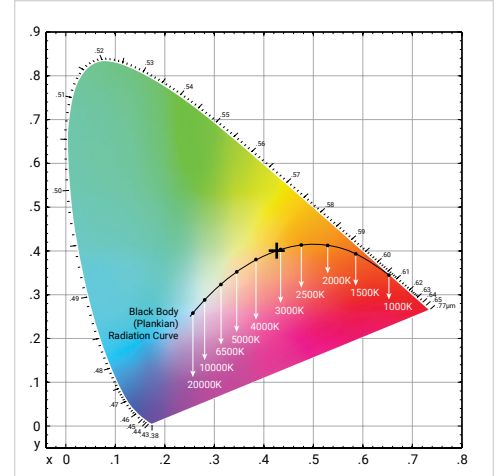
#### Photo Parameters

Luminous Flux: 360.5 lm  
 Luminous Efficacy: 83.4 lm/W  
 Radiant Flux: 1583.7 mW  
 Iv: 0.0 mcd

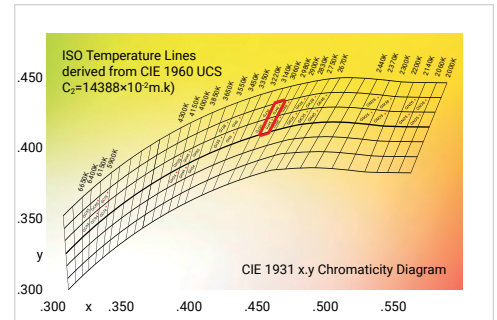
#### Electrical Parameters

Voltage: U=12.000V  
 Current: I=0.36A  
 Power: P=4.32W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GJ45-46 (3060-3140K)



Spectral Ratio: R=48.8%, G=39.4%, B=11.8%

