

## B3528-12V-60-8mm-4.8W-3500K-IP22

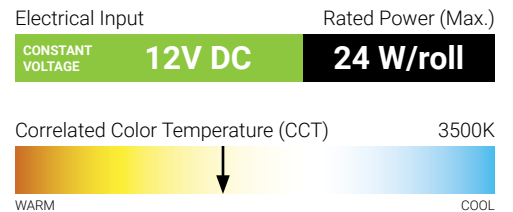
### Specification Sheet



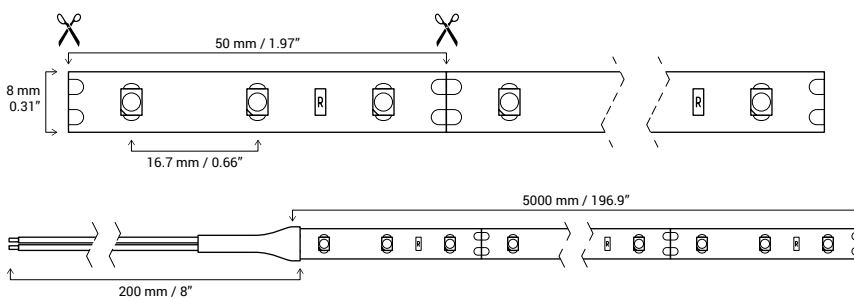
PHYSICAL			
Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	5/16 in	8 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	18.3 LED/ft	60 LED/m	300 LED/roll total
Can be cut at every	1.97 in	50 mm	3 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP22		

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>108.9 lm/ft</b>	357.3 lm/m	1787 lm/roll total
Luminous Efficacy	<b>81.2 lm/W</b>		
Correlated Color Temperature	<b>3500 (Bright White)</b>		
Colour Rendering Index	<b>92.8</b>		
R9	<b>87</b>		
dUV (black-body curve deviation)	<b>0.0021</b>		



### DIMENSIONS



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### Test Data for 1 Meter LED Strip Length



#### Chroma Parameters

Chromaticity Coordinates: x=0.3985, y=0.3920, u=0.2308, v=0.3405, duv=0.0021  
 Correlated Color Temperature: 3621K  
 Dominant Wave.: 579.4nm  
 Purity: 37.3%  
 Flux RGB Ratio: R=19.6%, G=78.2%, B=2.2%  
 Peak Wave: 600.6nm  
 Half Width: 150.5nm

#### Rendering Index: Ra=92.8

R1=95 R2=95 R3=93 R4=95 R5=94 R6=91 R7=96 R8=96  
 R9=87 R10=88 R11=96 R12=75 R13=96 R14=95 R15=97

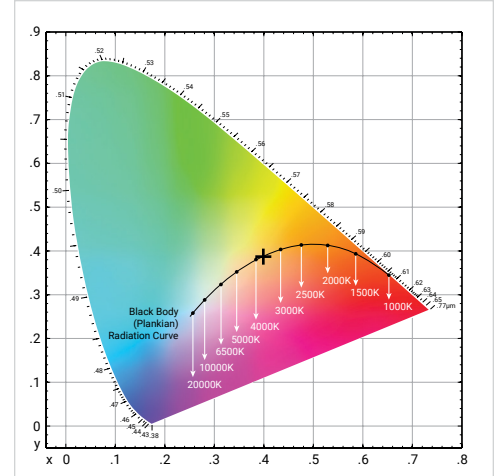
#### Photo Parameters

Luminous Flux: 357.3 lm  
 Luminous Efficacy: 81.2 lm/W  
 Radiant Flux: 1387.3 mW  
 Iv: 0.0 mcd

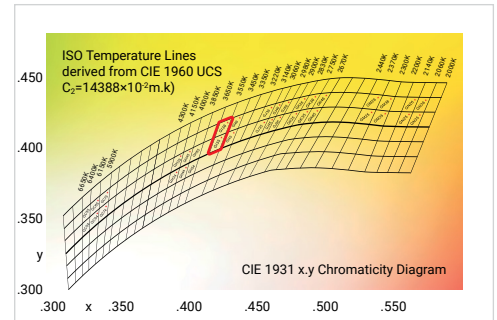
#### Electrical Parameters

Voltage: U=12.000V  
 Current: I=0.37A  
 Power: P=4.4W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: G135-36 (3550-3650K)



Spectral Ratio: R=36.1%, G=47.8%, B=16.1%

