

B3528-12V-60-8mm-4.8W-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	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	113.5 lm/ft	372.3 lm/m	1861.3 lm/roll total
Luminous Efficacy	80.4 lm/W		
Correlated Color Temperature	4200K (Neutral White)		
Colour Rendering Index	93.3		
R9	82		
dUV (black-body curve deviation)	0.0009		



Electrical Input

Rated Power (Max.)

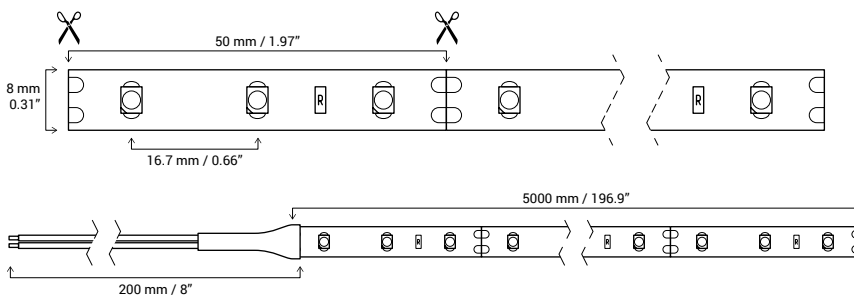
CONSTANT VOLTAGE 12V DC **24 W/roll**

Correlated Color Temperature (CCT)

4200K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.3784, y=0.3773, u=0.2235, v=0.3343, duv=0.0009$
 Correlated Color Temperature: 4213K
 Dominant Wave.: 578.4nm
 Purity: 26.8%
 Flux RGB Ratio: R=19.4%, G=78.0%, B=2.6%
 Peak Wave: 451.8nm
 Half Width: 24.7nm

Rendering Index: Ra=93.3

R1=94 R2=94 R3=92 R4=94 R5=92 R6=90 R7=97 R8=94
 R9=82 R10=84 R11=93 R12=68 R13=94 R14=95 R15=94

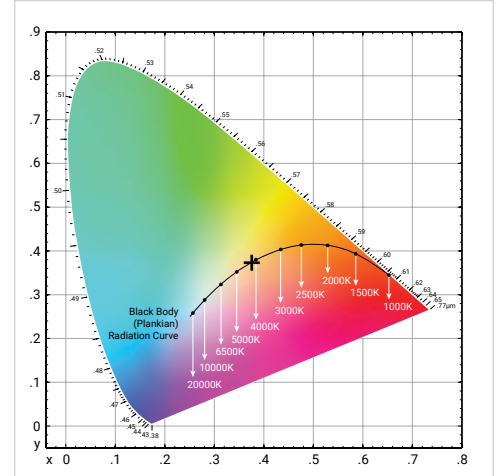
Photo Parameters

Luminous Flux: 372.3 lm
 Luminous Efficacy: 80.4 lm/W
 Radiant Flux: 1381.1 mW
 Iv: 0.0 mcd

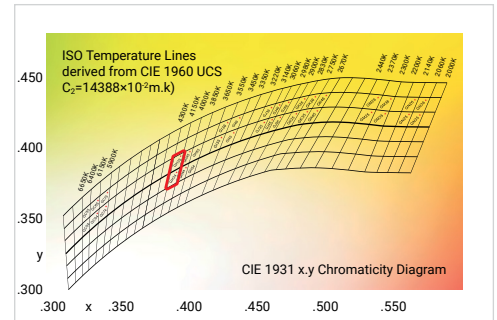
Electrical Parameters

Voltage: U=12.000V
 Current: I=0.3858A
 Power: P=4.63W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GH34-35 (4150-4300K)



Spectral Ratio: R=43.0%, G=40.5%, B=16.5%

