

B3528-SIDE3D-12V-120-10mm-9.6W-3000K-IP68

Specification Sheet



PHYSICAL

Product Type	Flexible LED Strip in Silicone Sleeve w/Endcaps, Lateral Projection		
SMD Type	3528		
Strip Width	2/5 x 1/4 in	10 x 6 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 in	25 mm	3 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP68		

ELECTRICAL

Input Type	DC, Constant Voltage		
Input Voltage	12V DC		
Rated Power (Max.)	2.9 W/ft	9.6 W/m	48 W/roll total

LIGHTING

Luminous Flux	193.8 lm/ft	635.9 lm/m	3180 lm/roll total
Luminous Efficacy	83.9 lm/W		
Correlated Color Temperature	3000K (Warm White)		
Colour Rendering Index	92.1		
R9	62		
duv (black-body curve deviation)	0.0010		



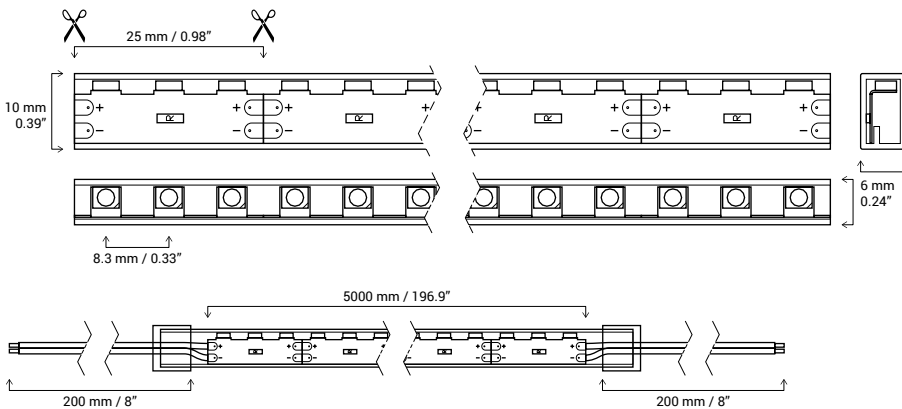
Electrical Input Rated Power (Max.)

CONSTANT VOLTAGE **12V DC** **48 W/roll**

Correlated Color Temperature (CCT) 3000K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.4295, y=0.4039, u=0.2459, v=0.3468, duv=0.0010$
 Correlated Color Temperature: 3062K
 Dominant Wave.: 581.9nm
 Purity: 50.2%
 Flux RGB Ratio: R=23.2%, G=75.0%, B=1.8%
 Peak Wave: 626.6nm
 Half Width: 173.3nm

Rendering Index: Ra=92.1

R1=92 R2=95 R3=96 R4=92 R5=91 R6=92 R7=94 R8=84
 R9=62 R10=87 R11=92 R12=75 R13=93 R14=97 R15=89

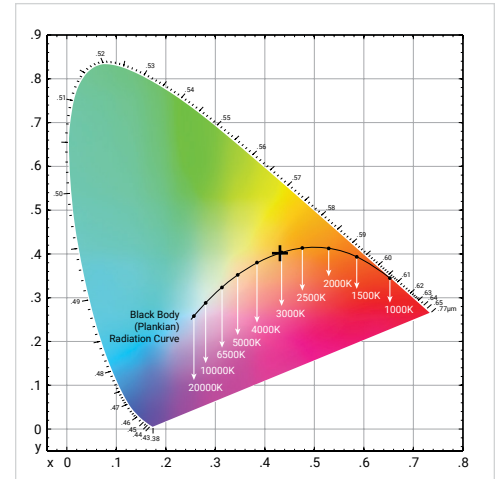
Photo Parameters

Luminous Flux: 635.93 lm
 Luminous Efficacy: 83.9 lm/W
 Radiant Flux: 2228.86 mW
 Iv: 0.0 mcd

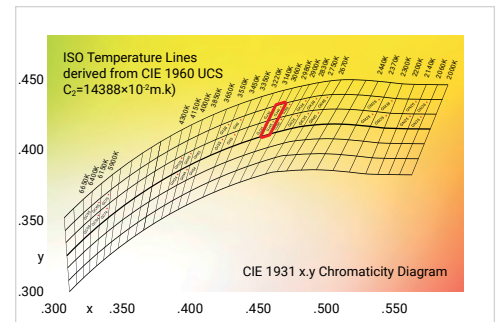
Electrical Parameters

Voltage: U=12.000V
 Current: I=0.6317A
 Power: P=7.58W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GJ45-46 (3060-3140K)



Spectral Ratio: R=49.9%, G=39.4%, B=10.7%

