

B3528-12V-120-8mm-9.6W-4200K-IP22

Specification Sheet



PHYSICAL

Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	5/16 in	8 mm	
Strip Total Length (Roll)	16.8 ft	5 m	
LED Linear Density	36.6 LED/ft	120 LED/m	600 LED/roll total
Can be cut at every	0.98 in	25mm	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.)	2.9 W/ft	9.6 W/m	48 W/roll total

LIGHTING

Luminous Flux	232.1 lm/ft	761.4 lm/m	3807 lm/roll total
Luminous Efficacy	84.6 lm/W		
Correlated Color Temperature	4200K (Neutral White)		
Colour Rendering Index	93.2		
R9	81		
duv (black-body curve deviation)	0.0012		



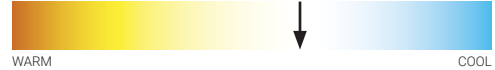
Electrical Input

Rated Power (Max.)

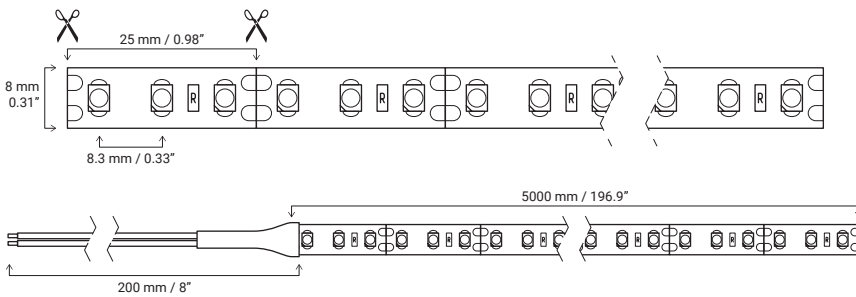
CONSTANT VOLTAGE **12V DC** **48 W/roll**

Correlated Color Temperature (CCT)

4200K



DIMENSIONS



Illuminance over distance (coming soon)

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Chroma Parameters

Chromaticity Coordinates: $x=0.3786, y=0.378, u=0.2234, v=0.3346, duv=0.0012$
 Correlated Color Temperature: 4060K
 Dominant Wave.: 578.2nm
 Purity: 27.1%
 Flux RGB Ratio: R=19.4%, G=78.1%, B=2.5%
 Peak Wave: 451.6nm
 Half Width: 24.9nm

Rendering Index: Ra= 93.2

R1 =94 R2 =94 R3 =92 R4 =93 R5 =92 R6 =90 R7 =98 R8 =94
 R9 =81 R10=84 R11=92 R12=68 R13=94 R14=95 R15=94

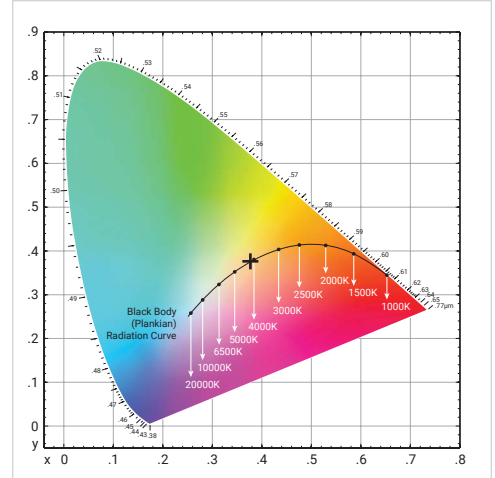
Photo Parameters

Luminous Flux: 761.40lm
 Luminous Efficacy: 84.6lm/W
 Radiant Flux: 2498.3mW
 Iv: 0.0mcd

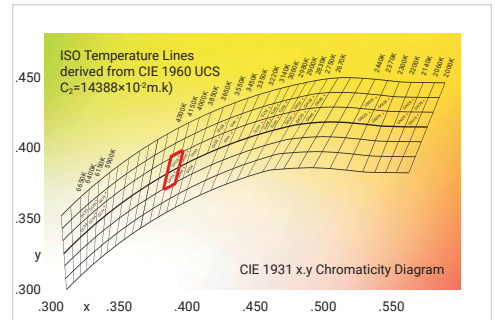
Electrical Parameters

Voltage: U=12.000V
 Current: I=0.7500A
 Power: P=9.00W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GH34-35 (4150-4300K)



Spectral Ratio: R=43.1%, G=40.6%, B=16.3%

