

B3528-24V-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	3.94 in	100 mm	6 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP22		

ELECTRICAL

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

LIGHTING

Luminous Flux	109.8 lm/ft	360.4 lm/m	1802 lm/roll total
Luminous Efficacy	82.1 lm/W		
Correlated Color Temperature	3000 (Warm White)		
Colour Rendering Index	92.6		
R9	64		
dUV (black-body curve deviation)	0.0001		



Electrical Input

Rated Power (Max.)

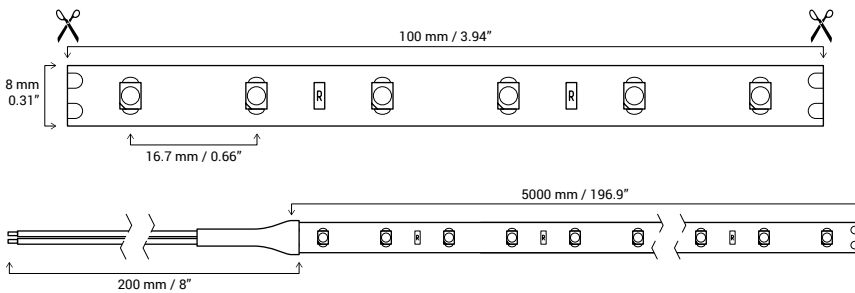
CONSTANT VOLTAGE	24V DC	24 W/roll
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Correlated Color Temperature (CCT)

3000K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.4261, y=0.4004, u=0.2452, v=0.3455, duv=0.0001$
 Correlated Color Temperature: 3067K
 Dominant Wave.: 582.1nm
 Purity: 48.1%
 Flux RGB Ratio: R=23.1%, G=75.1%, B=1.8%
 Peak Wave: 626.6nm
 Half Width: 171.3nm

Rendering Index: Ra=92.6

R1=92 R2=95 R3=96 R4=93 R5=92 R6=92 R7=94 R8=85
 R9=64 R10=87 R11=93 R12=76 R13=93 R14=97 R15=90

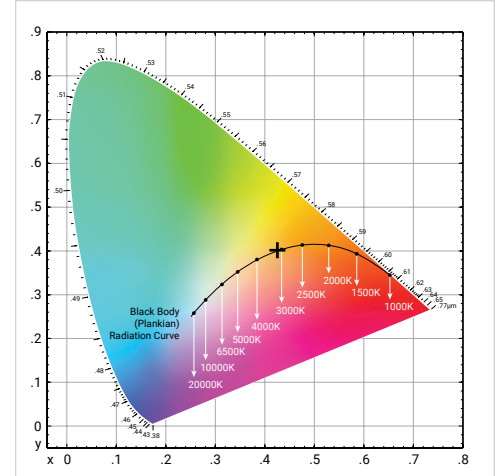
Photo Parameters

Luminous Flux: 360.4 lm
 Luminous Efficacy: 82.1 lm/W
 Radiant Flux: 1165.14 mW
 Iv: 0.0 mcd

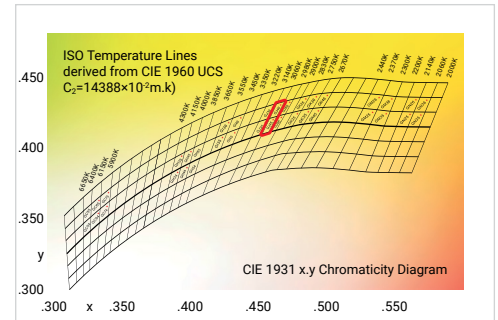
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.18A
 Power: P=4.4W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GJ45-46 (3060-3140K)



Spectral Ratio: R=49.1, %G=39.6%, B=11.3%

