

B3528-24V-240-14mm-19.5W-3000K-IP22

Specification Sheet



PHYSICAL

Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	11/20 in	14 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	73.2 LED/ft	240 LED/m	1200 LED/roll total
Can be cut at every	0.98 in	25 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.)	5.9 W/ft	19.5 W/m	98 W/roll total

LIGHTING

Luminous Flux	387.8 lm/ft	1272.5 lm/m	6362.5 lm/roll total
Luminous Efficacy	80.03 lm/W		
Correlated Color Temperature	3000K (Warm White)		
Colour Rendering Index	92		
R9	62		
duv (black-body curve deviation)	0.0010		



Electrical Input

Rated Power (Max.)

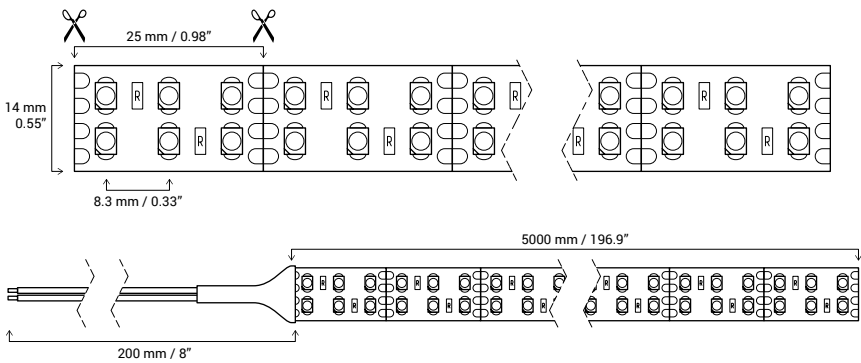
CONSTANT VOLTAGE	24V DC	98 W/roll
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Correlated Color Temperature (CCT)

3000K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.4265, y=0.4028, u=0.2444, v=0.3462, duv=0.0010$
 Correlated Color Temperature: 3067K
 Dominant Wave.: 581.7nm
 Purity: 48.9%
 Flux RGB Ratio: R=23.0%, G=75.3%, B=1.8%
 Peak Wave: 624.6nm
 Half Width: 174.7nm

Rendering Index: Ra=92

R1=92 R2=94 R3=95 R4=93 R5=92 R6=92 R7=94 R8=84
 R9=62 R10=86 R11=93 R12=75 R13=92 R14=97 R15=89

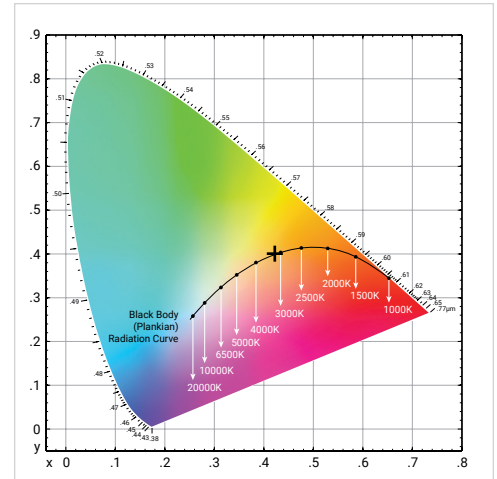
Photo Parameters

Luminous Flux: 1272.5 lm
 Luminous Efficacy: 80.03 lm/W
 Radiant Flux: 4170.4 mW
 Iv: 0.0 mcd

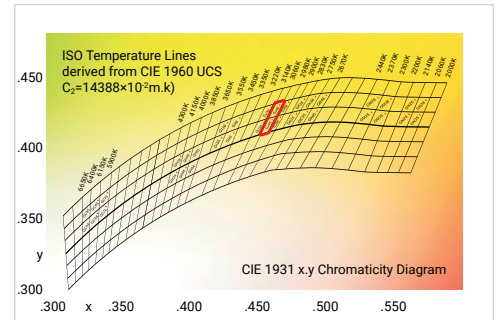
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.66A
 Power: P=15.9W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GJ45-46 (3060-3140K)



Spectral Ratio: R=49.3%, G=39.6%, B=11.1%

