

B3528-24V-240-14mm-19.5W-3500K-IP22

Specification Sheet



PHYSICAL

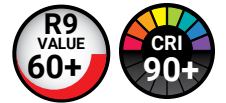
Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	11/20 in	14 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	54.9 LED/ft	180 LED/m	1200 LED/roll total
Can be cut at every	0.98 in	25 mm	6 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP22		

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

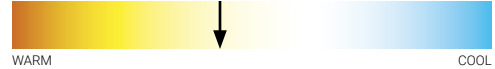
Luminous Flux	388.5 lm/ft	1274.6 lm/m	6373 lm/roll total
Luminous Efficacy	80.01 lm/W		
Correlated Color Temperature	3500K (Bright White)		
Colour Rendering Index	94.9		
R9	87		
duv (black-body curve deviation)	-0.0000		



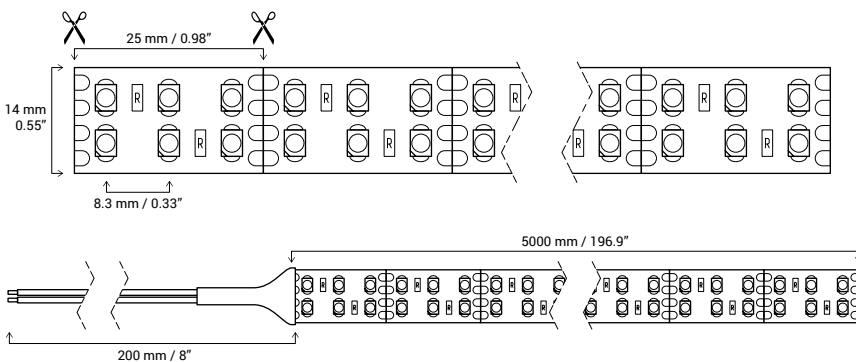
Electrical Input Rated Power (Max.)

CONSTANT VOLTAGE 24V DC **98 W/roll**

Correlated Color Temperature (CCT) 3500K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.4030, y=0.3895, u=0.2347, v=0.3403, duv=-0.0000$
 Correlated Color Temperature: 3598K
 Dominant Wave.: 580.7nm
 Purity: 37.9%
 Flux RGB Ratio: R=21.6%, G=76.3%, B=2.1%
 Peak Wave: 634.8nm
 Half Width: 190.4nm

Rendering Index: Ra=94.9

R1=96 R2=96 R3=93 R4=95 R5=94 R6=92 R7=97 R8=96
 R9=87 R10=88 R11=95 R12=74 R13=96 R14=95 R15=97

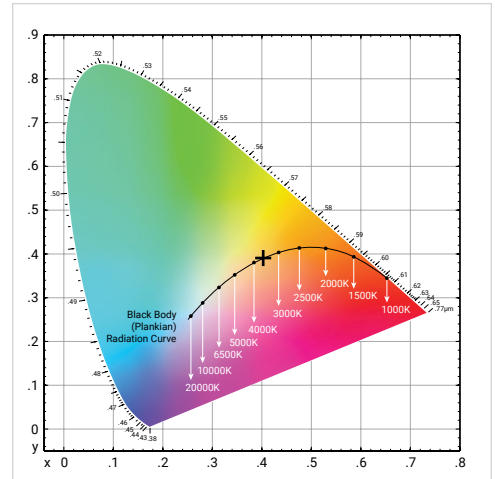
Photo Parameters

Luminous Flux: 1274.6 lm
 Luminous Efficacy: 80.01 lm/W
 Radiant Flux: 4280.7 mW
 Iv: 0.0 mcd

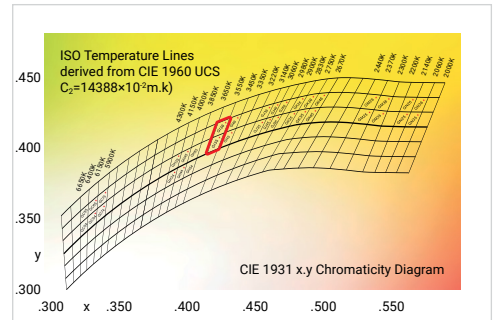
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.66A
 Power: P=15.93W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: G135-36 (3550-3650K)



Spectral Ratio: R=48.6%, G=38.3%, B=13.1%

