

B3528-24V-240-14mm-19.5W-4200K-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	431.7 lm/ft	1416.4 lm/m	7082 lm/roll total
Luminous Efficacy	81.4 lm/W		
Correlated Color Temperature	4200K (Neutral White)		
Colour Rendering Index	93		
R9	79		
dUV (black-body curve deviation)	0.0011		



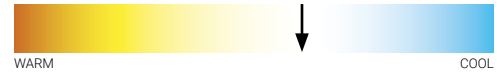
Electrical Input

Rated Power (Max.)

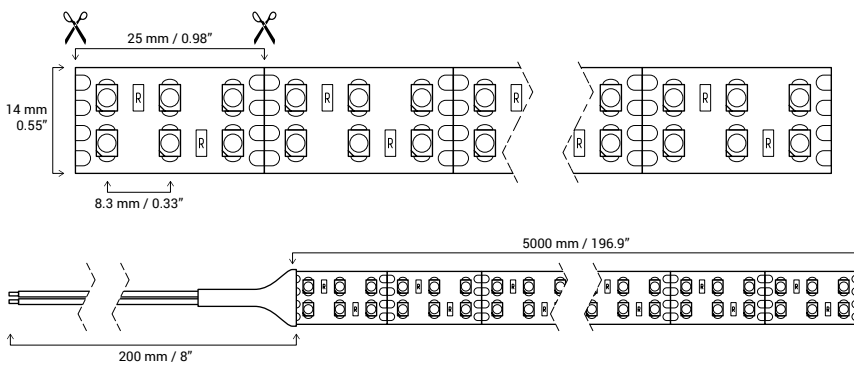
CONSTANT VOLTAGE 24V DC **98 W/roll**

Correlated Color Temperature (CCT)

4200K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.3796, y=0.3786, u=0.2239, v=0.3348, duv=0.0011$
 Correlated Color Temperature: 4231K
 Dominant Wave.: 578.3nm
 Purity: 27.6%
 Flux RGB Ratio: R=19.5%, G=78.0%, B=2.6%
 Peak Wave: 450.5nm
 Half Width: 25.4nm

Rendering Index: Ra=93

R1=94 R2=94 R3=93 R4=93 R5=92 R6=89 R7=97 R8=93
 R9=79 R10=84 R11=92 R12=68 R13=94 R14=95 R15=93

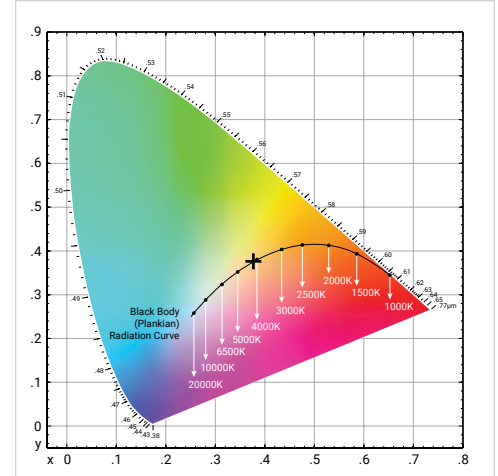
Photo Parameters

Luminous Flux: 1416.4 lm
 Luminous Efficacy: 81.4 lm/W
 Radiant Flux: 4781.8 mW
 Iv: 0.0 mcd

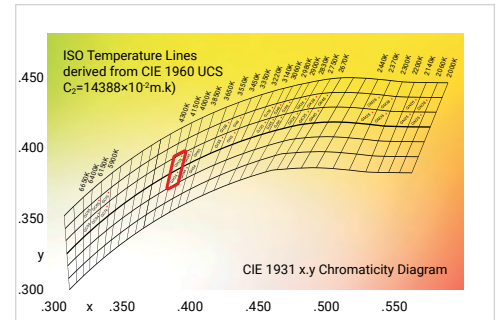
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.73A
 Power: P=17.4W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GH34-35 (4150-4300K)



Spectral Ratio: R=43.0%, G=40.6%, B=16.4%

