

B3528-24V-180H-5mm-14.5W-4200K-IP22

Specification Sheet



PHYSICAL

Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	1/5 in	5 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	54.9 LED/ft	180 LED/m	900 LED/roll total
Can be cut at every	1.31 in	33.3 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.)	4.4 W/ft	14.5 W/m	73 W/roll total

LIGHTING

Luminous Flux	282.8 lm/ft	927.8 lm/m	4639 lm/roll total
Luminous Efficacy	94 lm/W		
Correlated Color Temperature	4200K (Neutral White)		
Colour Rendering Index	94		
R9	83		
duv (black-body curve deviation)	0.0001		



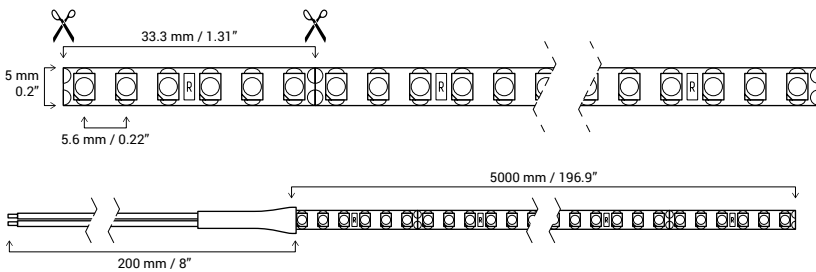
Electrical Input Rated Power (Max.)

CONSTANT VOLTAGE 24V DC **73 W/roll**

Correlated Color Temperature (CCT) 4200K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.3776, y=0.3751, u=0.2239, v=0.3336, duv=0.0001$
 Correlated Color Temperature: 4208K
 Dominant Wave.: 578.8nm
 Purity: 25.9%
 Flux RGB Ratio: R=19.6%, G=77.8%, B=2.6%
 Peak Wave: 452.1nm
 Half Width: 24.7nm

Rendering Index: Ra=94.0

R1=95 R2=95 R3=93 R4=94 R5=93 R6=90 R7=98 R8=94
 R9=83 R10=87 R11=93 R12=69 R13=95 R14=96 R15=95

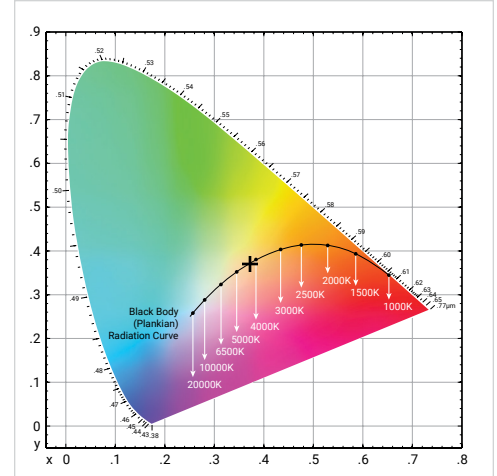
Photo Parameters

Luminous Flux: 927.8 lm
 Luminous Efficacy: 79.3 lm/W
 Radiant Flux: 3290.3 mW
 Iv: 0.0 mcd

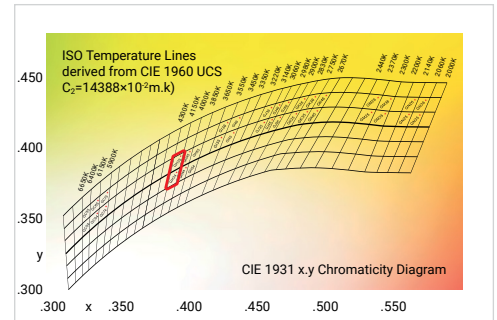
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.4875A
 Power: P=11.7W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GH34-35 (4150-4300K)



Spectral Ratio: R=42.9%, G=40.3%, B=16.8%

