

B3528-24V-180H-5mm-14.5W-3000K-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	266.44 lm/ft	874.2 lm/m	4371 lm/roll total
Luminous Efficacy	80.2 lm/W		
Correlated Color Temperature	3000K (Warm White)		
Colour Rendering Index	92.3		
R9	69		
duv (black-body curve deviation)	0.0002		



Electrical Input

Rated Power (Max.)

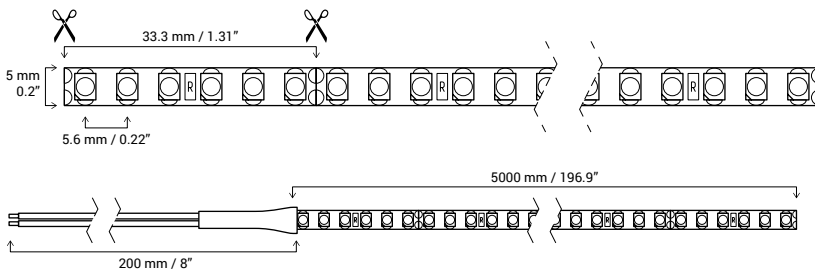
CONSTANT VOLTAGE	24V DC	73 W/roll
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Correlated Color Temperature (CCT)

3000K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.4249, y=0.4000, u=0.2445, v=0.3453, duv=0.0002$
 Correlated Color Temperature: 3069K
 Dominant Wave.: 582.0nm
 Purity: 47.6%
 Flux RGB Ratio: R=23.1%, G=75.0%, B=1.9%
 Peak Wave: 626.6nm
 Half Width: 176.8nm

Rendering Index: Ra=92.3

R1=93 R2=95 R3=95 R4=95 R5=93 R6=92 R7=93 R8=86
 R9=69 R10=87 R11=95 R12=75 R13=93 R14=96 R15=90

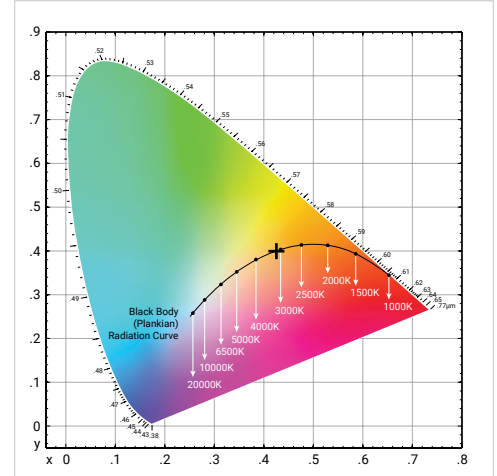
Photo Parameters

Luminous Flux: 874.2 lm
 Luminous Efficacy: 80.2 lm/W
 Radiant Flux: 3028.5 mW
 Iv: 0.0 mcd

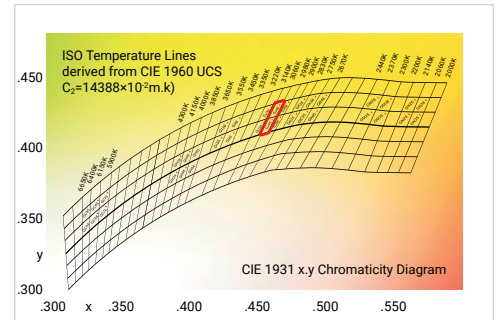
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.4542A
 Power: P=10.9W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GJ45-46 (3060-3140K)



Spectral Ratio: R=49.8%, G=38.9%, B=11.4%

