

B5050-24V-60-10mm-14.4W-3000K-IP22

Specification Sheet



PHYSICAL

Product Type	Flexible LED Strip		
SMD Type	5050		
Strip Width	2/5 in	10 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	18.3 LED/ft	60 LED/m	300 LED/roll total
Can be cut at every	3.94 in	100 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	14.4 W/m	72 W/roll total

LIGHTING

Luminous Flux	304.03 lm/ft	997.53 lm/m	4988 lm/roll total
Luminous Efficacy	81.1 lm/W		
Correlated Color Temperature	3000K (Warm White)		
Colour Rendering Index	92.3		
R9	68		
dUV (black-body curve deviation)	0.0021		



Electrical Input

Rated Power (Max.)

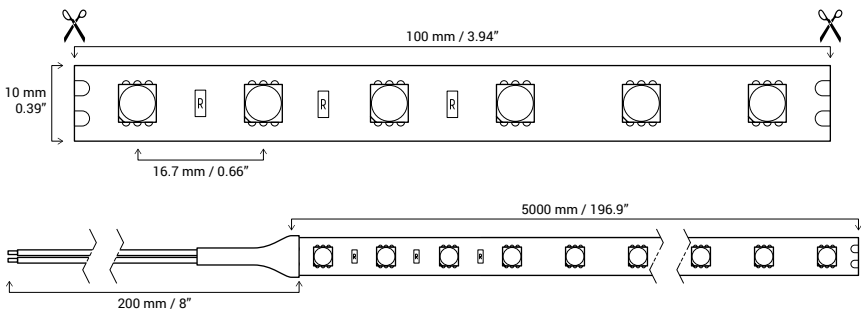
CONSTANT VOLTAGE	24V DC	72 W/roll
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Correlated Color Temperature (CCT)

3000K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.4319, y=0.4074, u=0.2459, v=0.3480, duv=0.0021$
 Correlated Color Temperature: 3074K
 Dominant Wave.: 581.6nm
 Purity: 51.9%
 Flux RGB Ratio: R=23.3%, G=75.0%, B=1.7%
 Peak Wave: 626.6nm
 Half Width: 175.4nm

Rendering Index: Ra=92.3

R1=93 R2=95 R3=95 R4=94 R5=92 R6=91 R7=94 R8=86
 R9=68 R10=87 R11=94 R12=75 R13=93 R14=97 R15=90

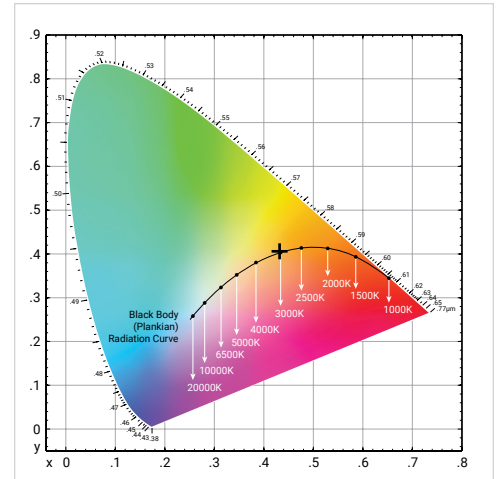
Photo Parameters

Luminous Flux: 997.53 lm
 Luminous Efficacy: 81.1 lm/W
 Radiant Flux: 3511.11 mW
 Iv: 0.0 mcd

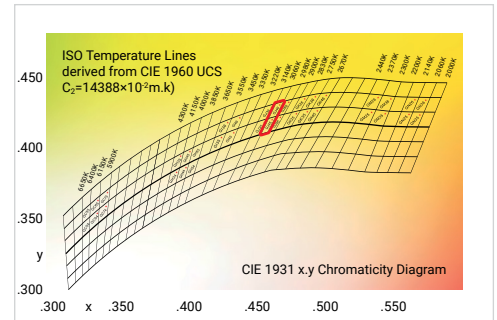
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.5125A
 Power: P=12.3W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GJ45-46 (3060-3140K)



Spectral Ratio: R=51.0%, G=38.7%, B=10.3%

