

ZIG2835-12V-60-8mm-8.5W-4200K-IP22

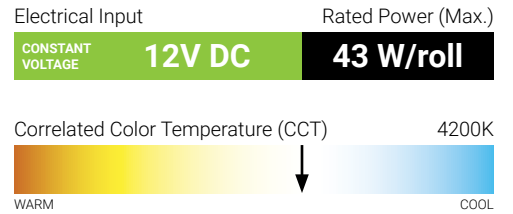
Specification Sheet



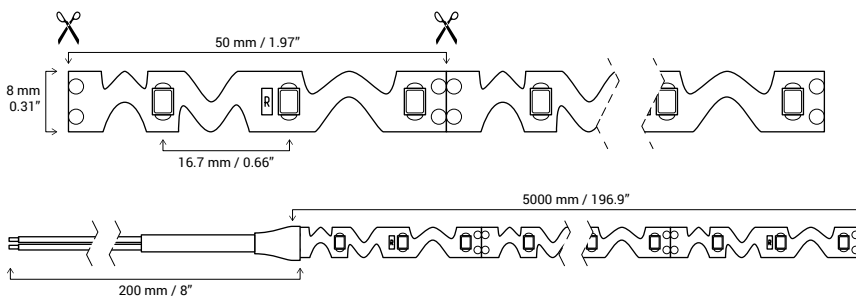
PHYSICAL			
Product Type	Flexible LED Strip		
SMD Type	2835		
Strip Width	5/16 in	8 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	18.3 LED/ft	60 LED/m	300 LED/roll total
Can be cut at every	1.97 in	50 mm	3 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP22		

ELECTRICAL			
Input Type	DC, Constant Voltage		
Input Voltage	12V DC		
Rated Power (Max.)	2.6 W/ft	8.5 W/m	43 W/roll total

LIGHTING			
Luminous Flux	223 lm/ft	732 lm/m	3660 lm/roll total
Luminous Efficacy	91.5 lm/W		
Correlated Color Temperature	4200K (Neutral White)		
Colour Rendering Index	83.3		
R9	8		
dUV (black-body curve deviation)	0.0015		



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.3804, y=0.3800, u=0.2238, v=0.3353, duv=0.0015$
 Correlated Color Temperature: 4025K
 Dominant Wave.: 579.3nm
 Purity: 28.2%
 Flux RGB Ratio: R=19.7%, G=77.9%, B=2.4%
 Peak Wave: 450nm
 Half Width: 27.2nm

Rendering Index: Ra=83.3

R1=81 R2=90 R3=96 R4=81 R5=81 R6=86 R7=86
 R8=64 R9=8 R10=77 R11=80 R12=63 R13=84 R14=98

Photo Parameters

Luminous Flux: 732.0 lm
 Luminous Efficacy: 91.5 lm/W
 Iv: 0.0 mcd

Electrical Parameters

Voltage: U=12.000V
 Current: I=0.667A
 Power: P=8.00W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram

