

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

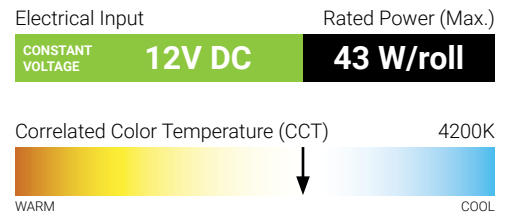
### Specification Sheet



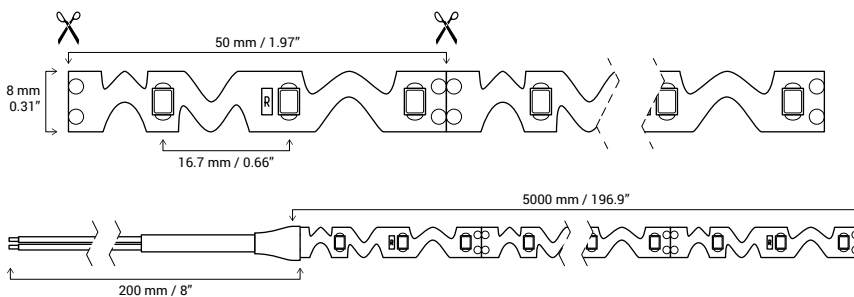
PHYSICAL			
Product Type	Flexible LED Strip		
SMD Type	2835		
Strip Width	5/16 in	8 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	18.3 LED/ft	60 LED/m	300 LED/roll total
Can be cut at every	1.97 in	50 mm	3 LED
Lifespan	50 000 Hrs		
IP Code (IEC standard 60529)	IP22		

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



### 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

