

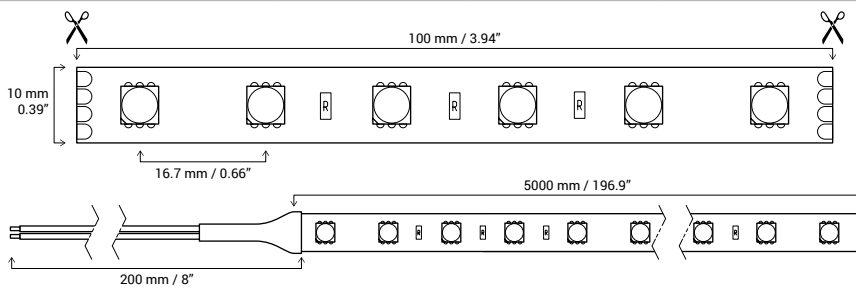
# B5050-24V-60-10mm-14.4W-RGB-IP22/IP68

## Specification Sheet



### PHYSICAL

Product Type	Flexible LED Strip		
SMD Type	5050		
Strip Width	2/5 in	10 mm (IP22)	12 mm (IP68)
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
Storage / Operating Temp.	-40°C to +80°C	-25°C to +40°C	
Lifespan	50 000 Hrs		



Electrical Input

Rated Power (Max.)

CONSTANT  
VOLTAGE**24V DC****72 W/roll**

### 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

### PRODUCT RANGE

Part Number	Code	IP	CCT*	Flux RGB Ratio	Luminous Flux	Luminous Efficacy	CRI**	duv***
B5050-24V-60-10mm-14.4W-RGB-IP22	LM28336	IP22	RGB	R=27.1% G=64.3% B=8.6%	1154.7 lm	18.17 lm/W	20.3	-0.0018
B5050-24V-60-10mm-14.4W-RGB-IP68	LM28338	IP68						

CCT\* - Correlated Color Temperature  
 CRI\*\* - Colour Rendering Index  
 duv\*\*\* - Black-body Curve Deviation

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# B5050-24V-60-10mm-14.4W-RGB-IP22/IP68

## Test Data for 1 Meter LED Strip Length



### Chroma Parameters

Chromaticity Coordinates:  $x=0.2587, y=0.2275, u=0.1985, v=0.2619, duv=-0.018$   
 Correlated Color Temperature: 50000K  
 Dominant Wave.: 468.3nm  
 Purity: 36.9%  
 Flux RGB Ratio: R=27.1%, G=64.3%, B=8.6%  
 Peak Wave: 633nm  
 Half Width: 18.4nm

### Rendering Index: Ra=20.3

R1=-6 R2=40 R3=65 R4=5 R5=17 R6=38 R7=50  
 R8=-43 R9=-338 R10=-47 R11=-22 R12=45 R13=0 R14=73

### Photo Parameters

Luminous Flux: 1154.7 lm  
 Luminous Efficacy: 18.17 lm/W

### Electrical Parameters

Voltage: U=24.000V  
 Current: I=0.560A  
 Power: P=13.44W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram

