

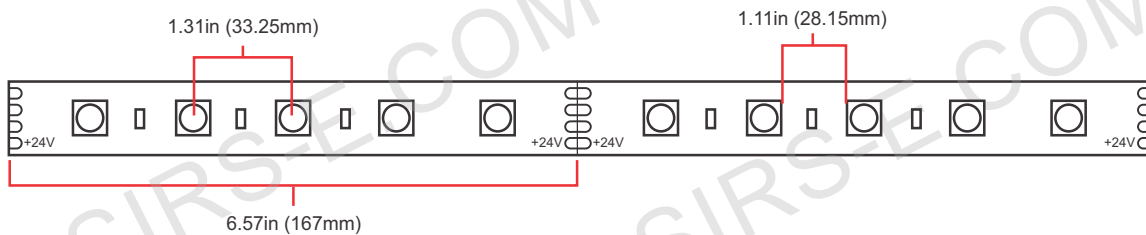
Item No. 5050-24RGB-3040			
LED RGB Strip 5050 SMD RGB 5m 16.4ft   Single Density 30 LED/m IP40			
<b>LED INFO</b>			
LED Density	9 /ft	30 /m	
LED Count (Total)	150 Per Reel		
LED Type	High Quality Selected 5050 SMD RGB		
LED Ambience Operating Temperature	-20°F to 120°F		
LED Storage Temperature	-13°F to 140°F		
<b>POWER*</b>			
Working Voltage / Input Voltage / Voltage Forward	24V DC		
Power Consumption (Watts) Max.	2.41W /ft	7.896W /m	39.48W /5m Reel
Current Draw / Input Current / Current Max.	1645mA	1.645A	per 5m Reel
Power Drop Along the Strip (V+ In One Side) Approx	1m = 3%	5m = 8%	
Power Drop with <u>V+</u> <u>In</u> on Both Sides Approx.	1m = 1%	5m = 2%	
<b>PHOTOMETRY</b>			
Light Color	RGB - Red, Green, Blue		
Peak Wave Length (nm) Approx.	R: 625nm	G: 524nm	B: 471nm
Brightness (Lumen) Tested in all colors at full intensity	135lm/ft	442lm/m	2211lm/Reel (Approx.)
Beam Angle	120°		
UV/IR Emission	None		
Lifespan / Average Lifetime / Lumen Maintenance	50,000 - 75,000 Hours (50% Brightness Loss)		
<b>DIMENSIONS</b>			
Reel Total Length	16.4ft	5m	
LED Spacing Between Centers (Inches   Millimeters)	1.31in	33.25mm	
LED Spacing Between Edges (Inches   Millimeters)	1.11in	28.15mm	
Minimum Cuttable Segments (Inches   Millimeters)	6.57in	167mm (Every 5 LEDs)	
Width (Inches   Millimeters)	0.39in	10mm	
Height (Inches   Millimeters)	0.08in	2.05mm	
Cable Leads (Inches   Millimeters)	12in	304.8mm	
<b>LED STRIP INFORMATION</b>			
LED Strip IP Rating	Non Waterproof IP40		
LED Strip Adhesive	High Quality 3M Adhesive		
LED Strip Finish Color / Product Color	White		
LED Strip Net Weight (Without Packaging Material)	3.7 oz	104.9 g	
LED Strip Warranty	3 Years Limited		
UL Certification	UL Listed; UL 2108; E479339		

Item No. 5050-24RGB-3040 (Continued)	
LED RGB Strip 5050 SMD RGB 5m 16.4ft   Single Density 30 LED/m IP40	
<b>PRODUCT COUNTRY OF ORIGIN</b>	
QC Quality Control	USA
Product Engineering & Design	USA
Assembled	China Preassembly / USA Final Assembly
Technical Support	USA
Product Customization	USA
<b>INSTALLATION MATERIALS &amp; ASSOCIATED PRODUCTS</b>	
Dimming and Color Mixing Options	DMX, Radio Frequency (RF), Infrared (IR), & Analog
Max Length in One Run for Linear Lighting	Unlimited Thru Amplifiers or DMX Controllers
Power Supply	Options Available
DMX Programming & Stand Alone	Options Available
LED RGB Strip Connectors	Options Available
4 Wire Installation Cables	Options Available
2 Wire Installation Cables	Options Available
Installation Accessories	Options Available
Installation Kits	Soldering Kit, Heatshrink Kit, Silicone Tube

**(\*) NOTES**

- The Strip Power Rating was measured with power input on both ends
- A good technique to minimize voltage drop and increase lumen output is to power the strip on both ends.
- LED electrical and optical characteristics change with the die manufacturing date.
- LED performance and life span is affected by environmental conditions, manufacturing techniques, and actual component characteristics.
- We reserve the right to change any data without prior notice.

Segment Close Up and Dimensions



Item No.  
5050-24RGB-3040  
5050-24RGB-3067  
5050-24RGB-3068

**Front View**

