

Item No. 5050-LED-RGB			
LED RGB Strip 5050 SMD 5m 16.4ft   Single Density 30LED/m IP40			
LED INFO ON LED STRIP			
LED Density	9 /ft	30 /m	
LED Count (Total)	150 Per Reel		
LED Type	High Quality Selected 5050 SMD		
LED Ambience Operating Temperature	-20°F to 120°F		
LED Storage Temperature	-13°F to 140°F		
POWER*			
Working Voltage / Input Voltage / Voltage Forward	12V DC		
Power Consumption (Watts) Max.	1.78W /ft	5.85W /m	29.26W /5m Reel
Current Draw / Input Current / Current Max.	2438mA	2.44A	per 5m Reel
Power Drop Along the Strip (Meter) Approx.	1m = 6%	5m = 15%	
Power Drop with <u>V+</u> <u>In</u> on Both Sides Approx.	1m = 3%	5m = 4%	
PHOTOMETRY			
Light Color	RGB - Red, Green, Blue		16 Million Color Possibilities
Peak Wave Length (nm) Approx.	R: 625nm	G: 524nm	B: 471nm
Brightness (Lumen) Tested in all colors at full intensity	123lm/ft	402lm/m	2010lm/Reel (Approx.)
Beam Angle	120°		
UV/IR Emission	None		
Lifespan / Average Lifetime / Lumen Maintenance	50,000 - 75,000 Hours (50% Brightness Loss)		
DIMENSIONS			
Reel Total Length	16.4ft	5m	
LED Spacing Between Centers (Inches   Millimeters)	1.31in	33.30mm	
LED Spacing Between Edges (Inches   Millimeters)	1.11in	28.20mm	
Minimum Cuttable Segments (Inches   Millimeters)	3.94in	100mm	
Width (Inches   Millimeters)	0.39in	10mm	
Height (Inches   Millimeters)	0.08in	2.05mm	
Cable Leads (Inches   Millimeters)	7in	178mm	
LED STRIP INFORMATION			
LED Strip IP Rating	Non Waterproof IP40		
LED Strip Adhesive	High Quality 3M Adhesive		
LED Strip Finish Color / Product Color	Copper		
LED Strip Net Weight (Without Packaging Material)	2.5 oz	70.87g	
LED Strip Warranty	3 Years Limited		
UL Certification	UL Listed; UL 2108; E479339		

Item No. 5050-LED-RGB (Continued)	
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<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

