

Item No. 5050-LED-RGBWP-DD-3			
LED RGB Strip 5050 SMD 5m 16.4ft   Double Density 60LED/m IP68			
<b>LED INFO ON LED STRIP</b>			
LED Density	18 /ft   60 /m		
LED Count (Total)	300 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		
<b>POWER*</b>			
Working Voltage / Input Voltage / Voltage Forward	12V DC		
Power Consumption (Watts) Max.	3.14 W /ft	10.31 W /m	51.56 W/ 5m Reel
Current Draw / Input Current / Current Max.	4297mA	4.30A	5m Reel
Power Drop Along the Strip (Meter) Approx.	1m = 10%      5m = 23%		
<b>PHOTOMETRY</b>			
Light Color	RGB - Red, Green, Blue   16 Million Color Possibilities		
Peak Wave Length (nm)	Red: 625nm	Green: 524nm	Blue: 471nm
Brightness (Lumen)	245 lm/ft	804 lm/m	4020 lm/Reel (5m)
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)	.69in	17.50mm	
LED Spacing Between Edges (Inches   Millimeters)	.47in	12mm	
Minimum Cuttable Segments (Inches   Millimeters)	1.96in	50mm (3LEDs)	
Width (Inches   Millimeters)	0.50in	12.7mm	
Height (Inches   Millimeters)	0.175in	4.45mm	
Cable Leads (Inches   Millimeters)	7in	178mm	
<b>LED STRIP INFORMATION</b>			
LED Strip IP Rating	Waterproof IP68		
LED Strip Adhesive	High Quality 3M Adhesive		
LED Strip Finish Color / Product Color	Copper		
LED Strip Weight (Without Packaging Material)	13.7 oz	388g	
LED Strip Warranty	3 Years Limited		

Item No. 5050-LED-RGBWP-DD-3 (Continued)	
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<b>PRODUCT COUNTRY OF ORIGIN</b>	
QC Quality Control	USA
Product Engineering & Design	USA
Assembled	China
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

