

Item No. 5050-LED-RGB-DD		
LED RGB Strip 5050 SMD 5m 16.4ft Double Density 60LED/m IP40		
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LED INFO ON LED STRIP		
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	
LLB Grorage Temperature	101 101101	
POWER*		
Working Voltage / Input Voltage / Voltage Forward	12V DC	
Power Consumption (Watts) Max.	3.14W /ft	
Current Draw / Input Current / Current Max.	4297mA 4.30A per 5m Reel	
Power Drop Along the Strip (Meter) Approx.	1m = 10% 5m = 23%	
Power Drop with V+ In on Both Sides Approx.	1m = 6% 5m = 9%	
Power brop with <u>v+ iii</u> on Both Sides Approx.	1111 = 6% 5111 = 9%	
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	245lm/ft 804lm/m 4020lm/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	0.69in 17.50mm	
(Inches Millimeters)	0.0911 17.5011111	
LED Spacing Between Edges (Inches Millimeters)	0.47in 12.00mm	
Minimum Cuttable Segments	1 20: 50	
(Inches Millimeters)	1.96in 50mm	
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)	2.7 oz 76.54g	
LED Strip Warranty	3 Years Limited	
UL Certification	UL Listed; UL 2108; E479339	







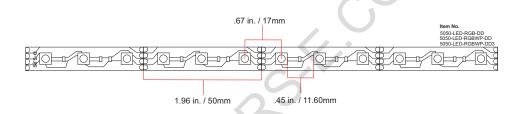
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Item No. 5050-LED-RGB-DD (Continued)		
LED RGB Strip 5050 SMD 5m 16.4ft Double Density 60LED/m IP40		
PRODUCT COUNTRY OF ORIGIN		
QC Quality Control	USA	
Product Engineering & Design	USA	
Assembled	China Preassembly / USA Final Assembly	
Technical Support	USA	
Product Customization	USA	
INSTALLATION MATERIALS & ASSOCIATED PRODUCTS		
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 Assessment	Options Available	
Installation Accessories	Options Available	

(*) 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

Top View



Front View





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