Item No. 5050-LED-RGBWP

LED RGB Strip 5050 SMD 5m 16.4ft | Single Density 30LED/m IP67

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.*	1.78 W /ft	5.85 W /m	29.26 W/ 5m Reel
Current Draw / Input Current / Current *Max.*	2438mA	2.44A	5m Reel
Power Drop Along the Strip (Meter) *Approx.*	1m = 6% 5m = 15%		

PHOTOMETRY

Light Color	RGB - Red, Green, Blue	16 Million Color Possibilities	
Peak Wave Length (nm)	Red: 625nm	Green: 524nm	Blue: 471nm
Brightness (Lumen)	123 lm/ft	402 lm/m	2010 lm/Reel (5m)
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 (3 LEDs)
Width (Inches | Millimeters)	0.50in	12.70mm
Height (Inches | Millimeters)	0.175in	4.45mm
Cable Leads (Inches | Millimeters)	7in	178mm

LED STRIP INFORMATION

LED Strip IP Rating	Waterproof IP67	
LED Strip Adhesive	High Quality 3M Adhesive	
LED Strip Finish Color / Product Color	Copper	
LED Strip Weight (Without Packaging Material)	6.9 oz	195g
LED Strip Warranty	3 Years Limited	

Item No. 5050-LED-RGBWP (Continued)

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PRODUCT COUNTRY OF ORIGIN

QC Quality Control	USA
Product Engineering & Design	USA
Assembled	China
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 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

Top View

Front View

5050-LED-RGB

5050-LED-RGBWP

5050-LED-RGBWP-3