Item No. 5050-24RGB-6068
LED RGB Strip 5050 SMD RGB 5m 16.4ft | Double Density 60 LED/m IP68

LED INFO

LED Density	18 /ft	60 /m	
LED Count (Total)	300 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		

POWER*

Working Voltage / Input Voltage / Voltage Forward	24V DC		
Power Consumption (Watts) *Max.*	4.01W /ft	13.16W /m	65.81W /5m Reel
Current Draw / Input Current / Current *Max.*	2742mA	2.742A	per 5m Reel
Power Drop Along the Strip (V+ In One Side) *Approx*	1m = 5%	5m = 12%	
Power Drop with V+ In on Both Sides *Approx.*	1m = 2%	5m = 4%	

PHOTOMETRY

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*	270lm/ft	884lm/m	4422lm/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)	0.66in	16.75mm
LED Spacing Between Edges (Inches | Millimeters)	0.45in	11.35mm
Minimum Cuttable Segments (Inches | Millimeters)	3.94in	100mm (Every 6 LEDs)
Width (Inches | Millimeters)	0.50in	12.7mm
Height (Inches | Millimeters)	0.18in	4.45mm
Cable Leads (Inches | Millimeters)	12in	304.8mm

LED STRIP INFORMATION

LED Strip IP Rating	Waterproof Submersible IP68	
LED Strip Adhesive	High Quality 3M Adhesive	
LED Strip Finish Color / Product Color	White	
LED Strip Net Weight (Without Packaging Material)	13.1oz	371.4 g
LED Strip Warranty	3 Years Limited	
UL Certification	UL Listed; UL 2108; E479339	

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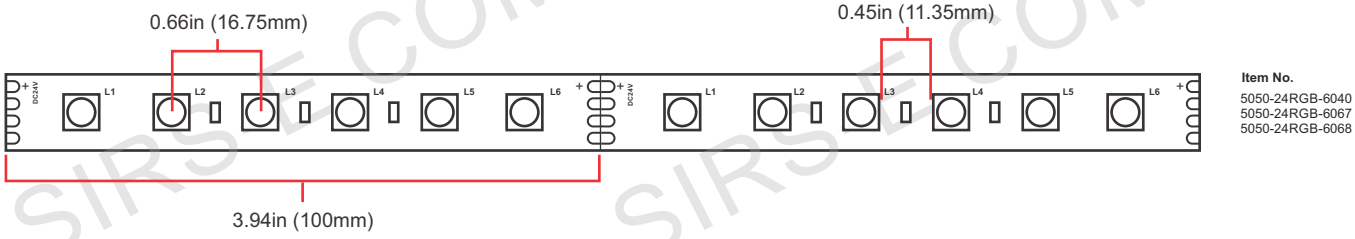
Item No. 5050-24RGB-6068 (Continued)	
LED RGB Strip 5050 SMD RGB 5m 16.4ft | Double Density 60 LED/m IP68	
PRODUCT COUNTRY OF ORIGIN	
QC Quality Control	USA
Product Engineering & Design	USA
Assembled	China Preassembly / USA Final Assembly
Technical Support	USA
Product Customization	USA
INSTALLATION MATERIALS & 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 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



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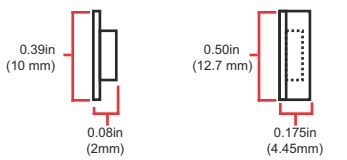
Front View



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