Item No. 5050-24RGB-3067
LED RGB Strip 5050 SMD RGB 5m 16.4ft | Single Density 30 LED/m IP67

LED INFO

LED Density	9 /ft	30 /m
LED Count (Total)	150 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*.	2.41W /ft	7.896W /m	39.48W /5m Reel
Current Draw / Input Current / Current *Max.*	1645mA	1.645A	per 5m Reel
Power Drop Along the Strip (V+ In One Side) *Approx*	1m = 3%	5m = 8%	
Power Drop with <u>V+ In</u> on Both Sides *Approx.*	1m = 1%	5m = 2%	

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*	135lm/ft	442lm/m	2211lm/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	33.25mm
LED Spacing Between Edges (Inches | Millimeters)	1.11in	28.15mm
Minimum Cuttable Segments (Inches | Millimeters)	6.57in	167mm (Every 5 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 IP67	
LED Strip Adhesive	High Quality 3M Adhesive	
LED Strip Finish Color / Product Color	White	
LED Strip Net Weight (Without Packaging Material)	8.0 oz	226.8 g
LED Strip Warranty	3 Years Limited	
UL Certification	UL Listed; UL 2108; E479339	

Item No. 5050-24RGB-3067   (Continued)
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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

1.31in (33.25mm)   1.11in (28.15mm)

+24V   +24V   +24V   +24V

6.57in (167mm)
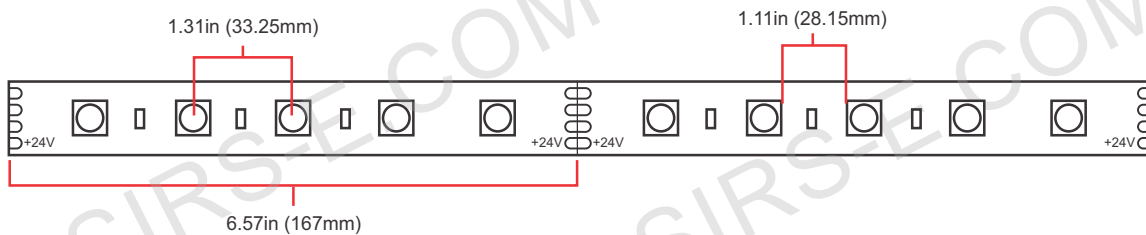
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5050-24RGB-3040
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5050-24RGB-3068

Front View

0.39in (10 mm)   0.50in (12.7 mm)

0.08in (2mm)   0.175in (4.45mm)

5050-24RGB-3040   **5050-24RGB-3067**
5050-24RGB-3068