## III SIRS-E®

Item No. 5050-LED-RGB		
LED RGB Strip 5050 SMD 5m 16.4ft   Single Density 30LED/m IP40		
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.	1.78W /ft 5.85W /m 29.26W /5m Reel	
Current Draw / Input Current / Current Max.	2438mA 2.44A per 5m Reel	
Power Drop Along the Strip (Meter) Approx.	1m = 6% 5m = 15%	
Power Drop with V+ In on Both Sides Approx.	1m = 3% 5m = 4%	
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	123Im/ft 402Im/m 2010Im/Reel (Approx.)	
Beam Angle	120°	
UV/IR Emission	None	
Lifespan / Average Lifetime / Lumen Maintenance	50,000 - 75,000 Hours (50% Brightness Loss)	
DIMEN	SIONS	
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	
Width (Inches   Millimeters)	0.39in 10mm	
Height (Inches   Millimeters)	0.08in 2.05mm	
Cable Leads (Inches   Millimeters)	7in 178mm	
LED STRIP IN	IFORMATION	
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)	2.5 oz 70.87g	
LED Strip Warranty	3 Years Limited	
UL Certification	UL Listed; UL 2108; E479339	



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## Item No. 5050-LED-RGB (Continued)

LED RGB Strip 5050 SMD 5m 16.4ft | Single Density 30LED/m IP40

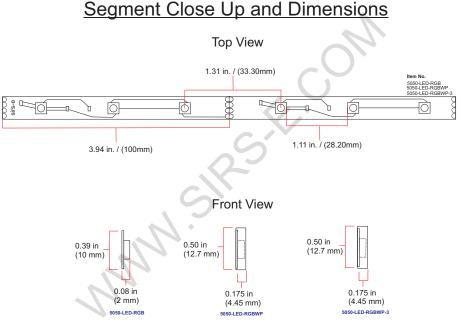
PRODUCT COUNTRY OF ORIGIN		
QC Quality Control	USA	
Product Engineering & Design	USA	
Assembled	China Preassembly / USA Final Assembly	
Technical Support	USA	
Product Customization	USA	

## **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 Accessories	Options Available
Installation Kits	Soldering Kit, Heatshrink Kit, Silicone Tube

## (\*) <u>NOTES</u>

- 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.



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