/// SIRS-E ®

Item No. 5050-LED-RGBWP-DD

LED RGB Strip 5050 SMD 5m 16.4ft | Double Density 60LED/m IP67

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

POWER*

Working Voltage / Input Voltage / Voltage Forward	12V DC
Power Consumption (Watts) *Max.*	3.14 W /ft │ 10.31 W /m │ 51.56 W/ 5m Reel
Current Draw / Input Current / Current *Max.*	4297mA │ 4.30A │ 5m Reel
Power Drop Along the Strip (Meter) *Approx.*	1m = 10% 5m = 23%

PHOTOMETRY

Light Color	RGB - Red, Green, Blue │ 16 Million Color Possibilities
Peak Wave Length (nm)	Red: 625nm │ Green: 524nm │ Blue: 471nm
Brightness (Lumen)	245 lm/ft │ 804 lm/m │ 4020 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)	.69in │ 17.50mm	
LED Spacing Between Edges (Inches │ Millimeters)	.47in │ 12mm	
Minimum Cuttable Segments (Inches │ Millimeters)	1.96in │ 50mm (3LEDs)	
Width (Inches │ Millimeters)	0.50in │ 12.7mm	
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)	7.2 oz │ 204g
LED Strip Warranty	3 Years Limited

Item No. 5050-LED-RGBWP-DD (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

Item No.
5050-LED-RGB-DD
5050-LED-RGBWP-DD
5050-LED-RGBWP-DD3

.67in / 17mm

1.96in / 50mm

.45in / 11.60mm

Front View

0.39 in (10 mm)

0.08 in (2 mm)

5050-LED-RGB-DD

0.50 in (12.7 mm)

0.175 in (4.45 mm)

5050-LED-RGBWP-DD

0.50 in (12.7 mm)

0.175 in (4.45 mm)

5050-LED-RGBWP-DD3