Item No. 5050-LED-RGB-DD

LED RGB Strip 5050 SMD 5m 16.4ft | Double Density 60LED/m IP40

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*.	3.14W /ft	10.31W /m	51.56W /5m Reel
Current Draw / Input Current / Current *Max.*	4297mA	4.30A	per 5m Reel
Power Drop Along the Strip (Meter) *Approx.*	1m = 10%	5m = 23%	
Power Drop with <u>V+ In</u> on Both Sides *Approx.*	1m = 6%	5m = 9%	

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*	245lm/ft	804lm/m	4020lm/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)	0.69in	17.50mm
LED Spacing Between Edges (Inches | Millimeters)	0.47in	12.00mm
Minimum Cuttable Segments (Inches | Millimeters)	1.96in	50mm
Width (Inches | Millimeters)	0.39in	10mm
Height (Inches | Millimeters)	0.08in	2.05mm
Cable Leads (Inches | Millimeters)	7in	178mm

LED STRIP INFORMATION

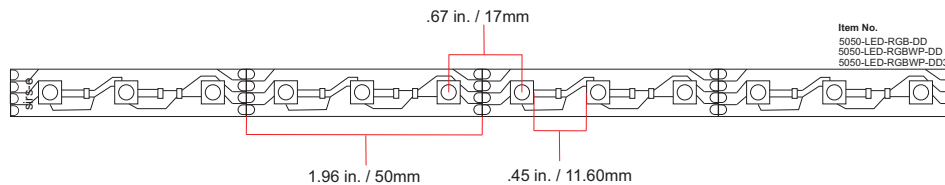|	
LED Strip IP Rating	Non Waterproof IP40
LED Strip Adhesive	High Quality 3M Adhesive
LED Strip Finish Color / Product Color	Copper
LED Strip Net Weight (Without Packaging Material)	2.7 oz	76.54g
LED Strip Warranty	3 Years Limited
UL Certification	UL Listed; UL 2108; E479339

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

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

(*) 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

.67 in. / 17mm

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

1.96 in. / 50mm

.45 in. / 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