Item No. 5050-12RGB-6068
LED RGB Strip 5050 SMD 5m 16.4ft | Double Density 60LED/m IP68

LED INFO

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	4.297A	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)	0.67in	17mm
LED Spacing Between Edges (Inches | Millimeters)	0.45in	11.60mm
Minimum Cuttable Segments (Inches | Millimeters)	1.96in	50mm
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)	13.1 oz 371.4g
LED Strip Warranty	3 Years Limited
UL Certification	UL Listed; UL 2108; E479339

Item No. 5050-12RGB-6068 (Continued)	
LED RGB Strip 5050 SMD 5m 16.4ft | Double Density 60LED/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

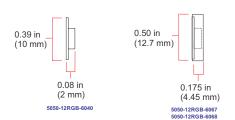| Dimming and Color Mixing Options	DMX, Radio Frequency (RF), Infrared (IR), & Analog
Max Length in One Run for Linear Lighting	Unlimited Thru Amplifiers or DMX Controllers
Power Supply	Options Available
DMX Programming & Stand Alone	Options Available
LED RGB Strip Connectors	Options Available
4 Wire 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

Top View

0.67 in / 17mm

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1.96 in / 50mm   0.45 in / 11.60mm

Front View

0.39 in (10 mm)

0.50 in (12.7 mm)

0.08 in (2 mm)
5050-12RGB-6040

0.175 in (4.45 mm)
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