

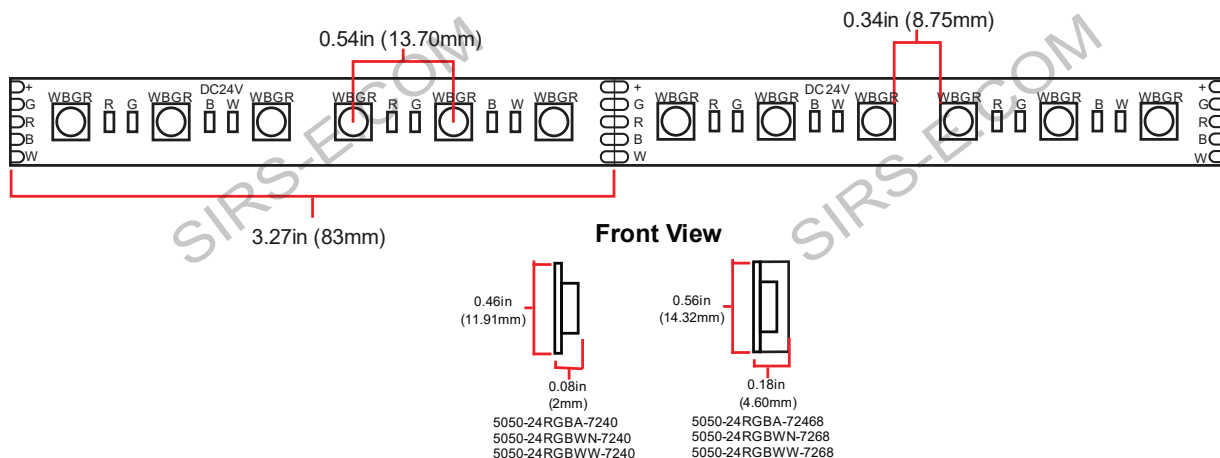
|  |   |                     |                       |
|--|---|---------------------|-----------------------|
| Item No. 5050-24RGBA-7268  |   |                     |                       |
| LED RGBA Strip 5050 SMD 4-in-1 RGBA 5m 16.4ft   Double Density 72 LED/m IP68 |   |                     |                       |
| <b>LED INFO</b>  |   |                     |                       |
| LED Density  | 22 /ft   72 /m                              |                     |                       |
| LED Count (Total)  | 360 Per Reel                                |                     |                       |
| LED Type   | High Quality Selected 5050 SMD 4-in-1 RGBA  |                     |                       |
| LED Ambience Operating Temperature   | -20°F to 120°F                              |                     |                       |
| LED Storage Temperature  | -13°F to 140°F                              |                     |                       |
| <b>POWER*</b>  |   |                     |                       |
| Working Voltage / Input Voltage / Voltage Forward                            | 24V DC                                      |                     |                       |
| Power Consumption (Watts) Max.   | 5.78W /ft                                   | 18.94W /m           | 94.70W /5m Reel       |
| Current Draw / Input Current / Current Max.                                  | 3946mA                                      | 3.946A              | per 5m Reel           |
| Power Drop Along the Strip (V+ In One Side) Approx                           | 1m = 3%                                     | 5m = 8%             |                       |
| Power Drop with <u>V+</u> <u>In</u> on Both Sides Approx.                    | 1m = 2%                                     | 5m = 3%             |                       |
| <b>PHOTOMETRY</b>  |   |                     |                       |
| Light Color  | RGBA - Red, Green, Blue, Amber              |                     |                       |
| Peak Wave Length (nm) Approx.  | R: 630nm                                    | G: 520nm            | B: 463nm Amber: 595nm |
| Brightness (Lumen) Tested in all colors at full intensity                    | 336lm/ft                                    | 1001lm/m            | 5507lm/Reel (Approx.) |
| Beam Angle   | 120°  |                     |                       |
| UV/IR Emission   | None  |                     |                       |
| Lifespan / Average Lifetime / Lumen Maintenance                              | 50,000 - 75,000 Hours (50% Brightness Loss) |                     |                       |
| <b>DIMENSIONS</b>  |   |                     |                       |
| Reel Total Length  | 16.4ft                                      | 5m                  |                       |
| LED Spacing Between Centers (Inches   Millimeters)                           | 0.54in                                      | 13.70mm             |                       |
| LED Spacing Between Edges (Inches   Millimeters)                             | 0.34in                                      | 8.75mm              |                       |
| Minimum Cuttable Segments (Inches   Millimeters)                             | 3.27in                                      | 83mm (Every 6 LEDs) |                       |
| Width (Inches   Millimeters)   | 0.56in                                      | 14.32mm             |                       |
| Height (Inches   Millimeters)  | 0.18in                                      | 4.06mm              |                       |
| Cable Leads (Inches   Millimeters)   | 12in  | 304.8mm             |                       |
| <b>LED STRIP INFORMATION</b>   |   |                     |                       |
| LED Strip IP Rating  | Submersible IP68                            |                     |                       |
| LED Strip Adhesive   | High Quality 3M Adhesive                    |                     |                       |
| LED Strip Finish Color / Product Color                                       | White                                       |                     |                       |
| LED Strip Net Weight (Without Packaging Material)                            | 18.2oz                                      | 516.0 g             |                       |
| LED Strip Warranty   | 3 Years Limited                             |                     |                       |
| UL Certification   | UL Listed; UL 2108; E479339                 |                     |                       |

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| Item No. 5050-24RGBA-7268 (Continued)  |  |
| LED RGBW Strip 5050 SMD 4-in-1 RGBA 5m 16.4ft   Double Density 72 LED/m IP68 |  |
| <b>PRODUCT COUNTRY OF ORIGIN</b>   |  |
| QC Quality Control   | USA  |
| Product Engineering & Design   | USA  |
| Assembled  | China Preassembly / USA Final Assembly             |
| Technical Support  | USA  |
| Product Customization  | USA  |
| <b>INSTALLATION MATERIALS &amp; ASSOCIATED PRODUCTS</b>                      |  |
| 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**

- Due to our constant revisions/upgrades of our line of A-Grade LED Strips, lumen output increases with every generation. Please call for the latest measurements.
- 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



Item No.  
5050-24RGBA-7268  
5050-24RGBWN-7268  
5050-24RGBWW-7268

