# PRODUCT OVERVIEW

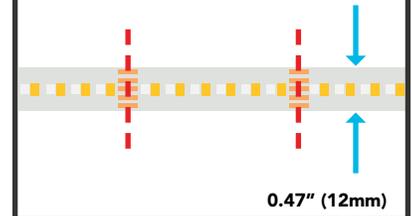| Strip Specifications | *[XX] denotes color temperature |
| --- | --- |
| Part# | 24VCS3596RGBWX* |
| Roll Length | 16'5" (197") |
| Input Voltage | 24VDC |
| Strip Width | 0.47" (12mm) |
| Cut Increments | Cuttable every 2.45" |
| Color Rendering | >90 (White Light) |
| LED Type | 2835 and 3535 |
| LED Density | 30 LED's per foot (96/M) |
| Wattage | 7 Watts/ft |
| Light Output | 190 Lumens/ft (White Light) |
| Efficiency | 27 Lumens/Watt |
| Lifetime | 50,000 Hours (Average) |
| Warranty | 3-Year Limited Warranty |
| IP-Rating | IP-23  (For Indoor Use Only) |
| Listings | UL-Listed (US and Canada) |

Replacing the 4-in-1 chip package, our **Vivid- Color and True White 24V RGBW CS3596** LED Strip features a high-output white chip **separate** from an RGB chip allowing for a stronger lumen output, and ultimate efficiency. Create millions of different colors using the red, green, and blue chips, yet produce true, vivid white through the premium, phosphor coated white chip. Available in **RGB+2700K White**, and **RGB+6500K White**, this strip allows for versatility and use of color and white light in any application. Achieve a max LED lifetime of useful RGB and true white LED lighting whenused with one of our aluminum profiles for LED strips to draw out the heat and protect the strips from damaging elements.

The **24V RGBW CS3596** LED Strip comes in a **16'5" roll/reel** and is **0.47" (12mm) wide. 2835** and **3535** LED chips are mounted on a flexible PCBevery **0.15"** apart. The full LED strip spool has about 1,200 LED chips packed in a **high-density—30 LED/ ft (96/M)**—configuration. The LED strip comes with **(1) 6" 18-5 wire lead** with bare, tin-coated ends, for fast and reliable wire-to-wire connections. This LED Strip produces an average of **190 lumens/ft** (for white light) and consumes an average of 7 Watts/ft. Effortlessly cut this LED strip every **2.45"** (or every 6 LED chips).

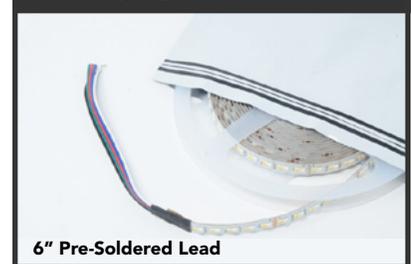## Available Colors

RGB + 2700K
Color Changing + Warm White

RGB + 6500K
Color Changing + Bright White

## Cut Points

Cut Every 2.45"
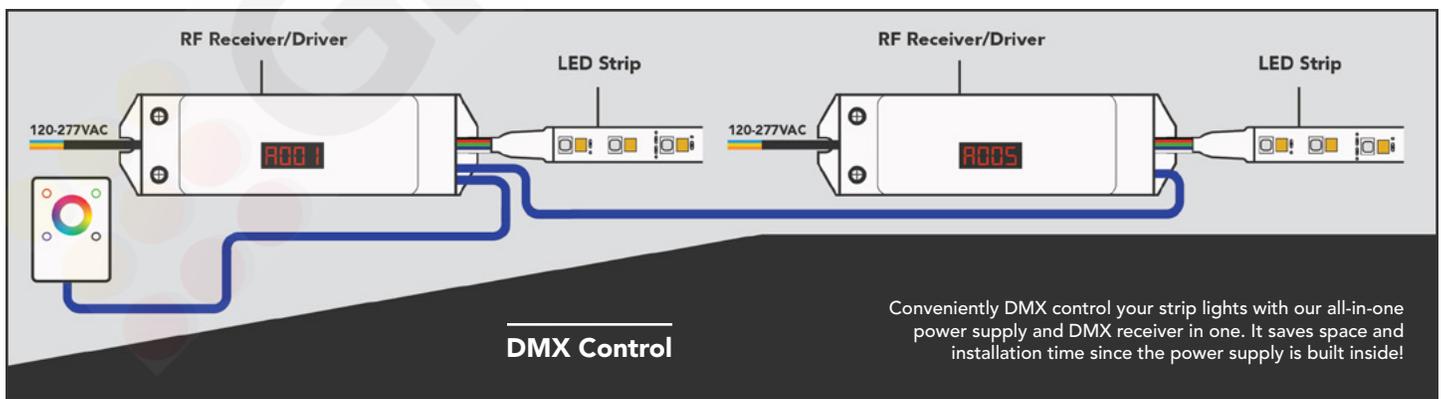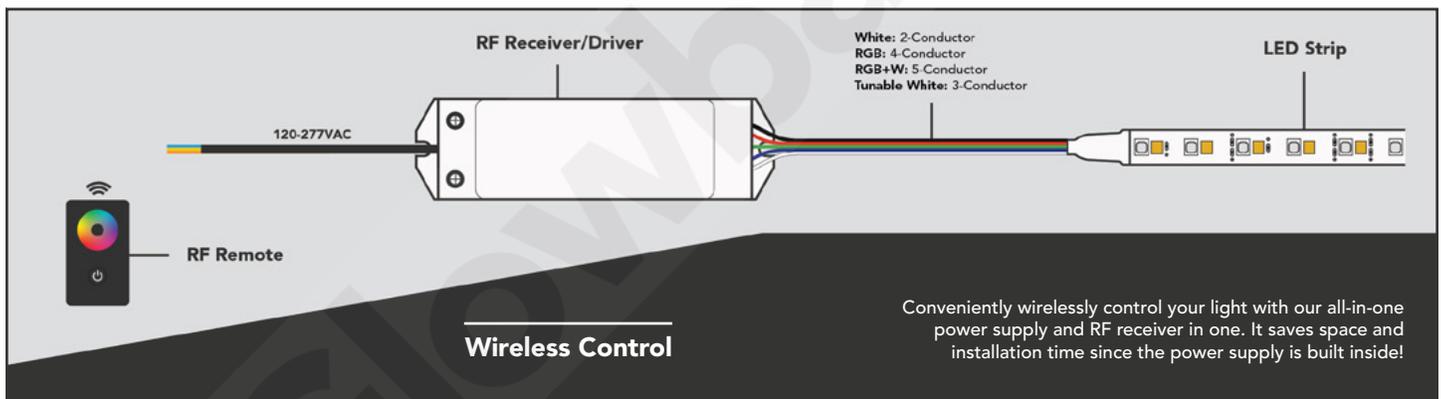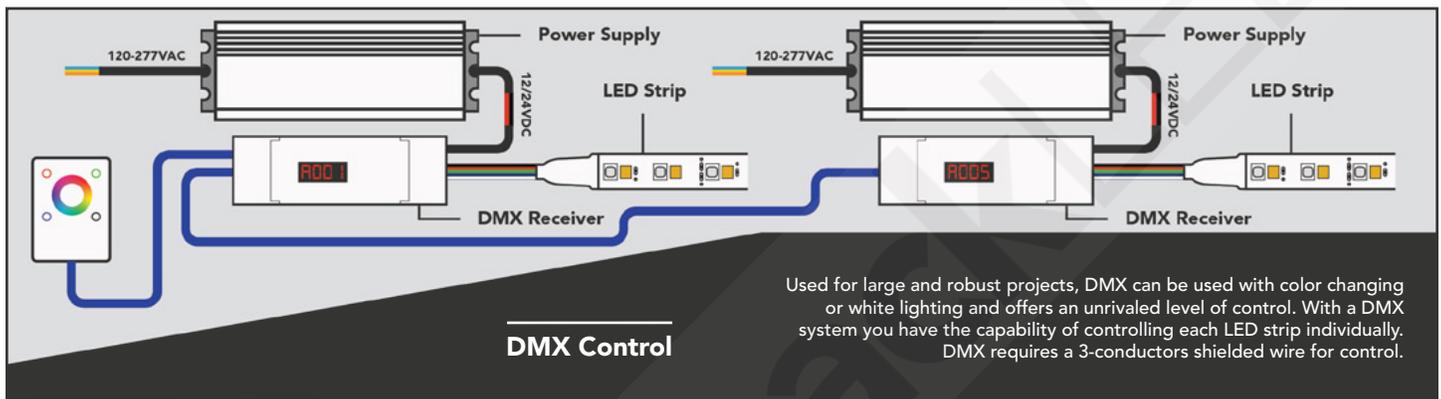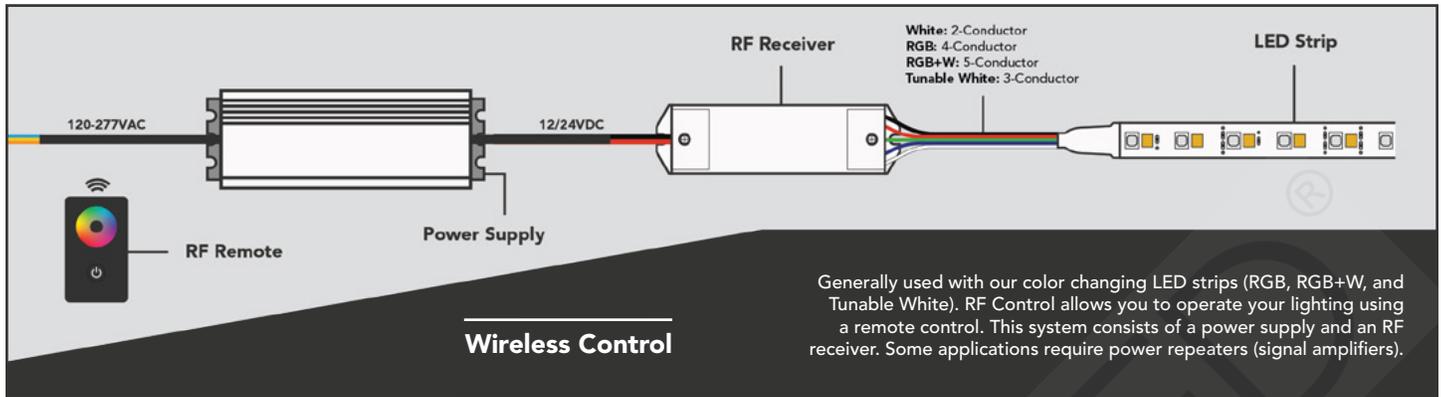
0.47" (12mm)

## Packaging

6" Pre-Soldered Lead

## Features

- **Easy** to achieve **DOTLESS** Colored or White lighting.
- **Create Millions of VIVID Colors using a Controller.**
- **High-Quality LED Strip!** Excellent thermal management for lasting installations.
- **UL-Listed!** (in US and Canada) Specify our strips on any commercial project!.
- **Dimmable** with dimmable power supply..

RF Receiver

White: 2-Conductor
RGB: 4-Conductor
RGB+W: 5-Conductor
Tunable White: 3-Conductor

LED Strip

120-277VAC

12/24VDC

RF Remote

Power Supply

**Wireless Control**

Generally used with our color changing LED strips (RGB, RGB+W, and Tunable White). RF Control allows you to operate your lighting using a remote control. This system consists of a power supply and an RF receiver. Some applications require power repeaters (signal amplifiers).



Power Supply

120-277VAC

LED Strip

12/24VDC

A001

DMX Receiver

Power Supply

120-277VAC

LED Strip

12/24VDC

A005

DMX Receiver

**DMX Control**

Used for large and robust projects, DMX can be used with color changing or white lighting and offers an unrivaled level of control. With a DMX system you have the capability of controlling each LED strip individually. DMX requires a 3-conductors shielded wire for control.



RF Receiver/Driver

White: 2-Conductor
RGB: 4-Conductor
RGB+W: 5-Conductor
Tunable White: 3-Conductor

LED Strip

120-277VAC

RF Remote

**Wireless Control**

Conveniently wirelessly control your light with our all-in-one power supply and RF receiver in one. It saves space and installation time since the power supply is built inside!



RF Receiver/Driver

LED Strip

RF Receiver/Driver

LED Strip

120-277VAC

A001

120-277VAC

A005

**DMX Control**

Conveniently DMX control your strip lights with our all-in-one power supply and DMX receiver in one. It saves space and installation time since the power supply is built inside!

All of our LED Panels require a remote power supply and/or controller to operate. Seamlessly integrate our LED Panel systems with any type of home or building automation system. Unless otherwise specified, all LED Panel systems, including power supplies and controllers are shipped to you pre-configured, to facilitate installation. Power-Supplies will come "rigged" with connectors to match the connectors coming off the LED panels. When ordering, simply give us some details about the level of control that you want, and our team will design a turn-key control system fit to meet your needs.

BLUEGATE