

TRACK & LIGHT GUIDE

gemstonelights.com









LAMP TECHNOLOGY

RGBWW LED (Red, Green, Blue, Warm White)

Creating a consistent warm white with RGB is not possible. To solve this problem Gemstone Lights® added a dedicated 4th spectrum to our LEDs bringing a true 2800k warm white. Choose your desired tone, warm or cool it's up to you.

How to verify your lights have True Warm White (RGBWW vs RGB)

Look for a yellow-colored mark on the LED within the lamp. This mark is key to creating a constant warm white. Next, check the software or app. RGBWW requires 4 separate spectrums (red, green, blue, and white) that can be controlled individually with the app. If the slider only has RGB or the lamp does not have a yellow mark, then the lights do not contain true warm white.

More Specifications

- SURGE PROTECTION Each lamp is individually protected with a surge protector in case of power surges or lightning strikes.
- 4 CHANNEL OUTPUT LED DRIVER CIRCUIT Built to receive 4 separate signals from the controller, one for each of our colors.
- INTELLIGENT DIGITAL PORT DATA & SIGNAL RESHAPING AMPLIFICATION DRIVE CIRCUIT Used to reliably repeat signals from lamp to lamp while allowing for large jumps.
- INTERNAL OSCILLATOR & 12 V PROGRAMMABLE CONSTANT CURRENT OUTPUT DRIVE Designed for constant power and even lighting.
- UV PROTECTED LAMPS AND WIRING Used to protect the wiring and the lamp from yellowing and future UV damage.

CONNECTORS & CABLES

Gemstone Lights® lamps are individually connected for simple installation, repair, and replacement. Along with being UV protected our connections are compression fit and designed to achieve a watertight seal. Our fittings have been proven to significantly improve the integrity of the connection and to last much longer than crimping or soldering.

With Threaded connectors, repairs are as easy as 1,2,3

The Gemstone Lights® lamps are all fitted with threaded waterproof connectors. If a lamp or LED is damaged or in need of repair, please contact your Authorized Dealer to help remove or fix it. Each lamp has water-tight connectors that allow for easy removal and replacement.



ALL CLIMATES & TEMPERATURES



GEMSTONE LIGHTS® APP

Unlock your creative potential with the Gemstone Lights® proprietary app. Customize and create your own colors and patterns while on the go with our cloud-enabled system.



COLOR WHEEL

Choose your favorite color and save it as a pre-set. Fine-tune the color with a preview.

ZONES/ INDIVIDUALLY ADDRESSABLE LIGHTS

Gemstone Lights® smart LEDs allow you to control each lamp individually and create beautiful architectural patterns specific to your home.





TIMERS

Assign specific colors, patterns or animations to a custom schedule of your choice.



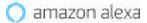
Choose from a variety of downloads available for holidays, sports teams, events, etc.





FOLDERS

Add new patterns into folders or create your own just how you want them to be organized!









THE CLOUD-BASED ADVANTAGE



The Gemstone Lights® HUB controller is a cloud-based application available via the iOS or Google Play App. Control your lights remotely, set timers, share devices and run updates from any location with an internet connection. The Gemstone Lights® controller and app is packed with features allowing complete customization and control.

KEY FEATURES

HOME PAGE

- Create folders for organization
- Use pre-built folders to organize patterns
- Choose from preset sports themes, kids patterns, etc.
- Create complex color patterns
- Mix and save colors to a pre-set
- · Easy to use color wheel
- Sliders for speed of animation
- On/off toggle visible in the cloud
- Available tutorials accessible in the app
- Favorite your top patterns
- Design creative animations and patterns
- Create and store Architectural presets, cool white, warm white, etc.

CUSTOM

- Architectural control with preview
- Build security lighting options
- Easily select and save patterns
- Choose to light up peaks, sidewalks or any section of your house
- Save and store multiple patterns for future use

ZONES

- Repeat selected lights
- Edit entire zones at once
- Know where different sections of house are

TIMER

- Save multiple timers
- Activate timers with a simple on/off toggle
- Choose from custom patterns or saved presets
- Repeat timers yearly or daily
- Set timers for holidays and birthdays
- Remotely access your timers
- Sunrise and sunset timers

DOWNLOAD

- Build timers specific to your occasions or holidays
- · Choose from Valentine, Christmas, Halloween, Easter, Disney, Paw Patrol, Sporting teams, Architectural, Country Colors and much more

SHARING FEATURES

- Manage lights on multiple properties in one central location
- Merge controllers together to control multiple systems as one
- Share separate devices between users
- Create a family to share multiple devices between members
- Assign admin, owner, and family roles
- Transfer ownership from one member to another

SAME HOUSE, DIFFERENT LOOKS

CHRISTMAS

ARCHITECTURAL OPTIONS

INDEPENDENCE DAY



TRUE WARM WHITE





CANADA DAY





ARCHITECTURAL LIGHTING





LIGHTING SPECIFICATIONS AND TECHNICAL DATA

| Beam Angle | 920 |
|-------------------|---|
| Emitting Color | RGBWW (R ed, G reen, B lue, W arm W hite) |
| Operating Voltage | 12V |
| Lens Type | Clear |
| IP | 67 |
| Lumens | 60-100 lm/ft* |

| Operating Temp. | All North American Climates |
|----------------------|-----------------------------|
| CCT Color Range | 2800K - 7000K |
| Bulb Life Expectancy | 50,000+ Hours |
| Diameter | 30mm |
| Max Power Draw | 0.96 W/Light |

