

# SPEKTRUM+ SERIES

## 13.1ft Tape Light Kit

The Spektrum+ RGBTW tape light kit is the ultimate option in color changing RGB linear lighting technology. With RGB+TW, not only do you have a virtually unlimited RGB palette of color combinations, you also have the ability to adjust true white light ranging from 2700K to 6000K. Providing intense color saturation, transition effects, and fade to white lighting effects bundled into an easy to install kit.

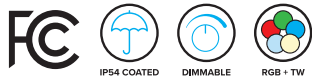
- RGB + Tunable White (2700K to 6000K) color mixing capability
- Up to 360Lm output per foot while consuming only 7W per foot
- Excellent color rendering index (90+ CRI)
- Sync & control multiple Spektrum+ tape light kits & products
- Ready to install 13.1ft 24V DC Kit with plug & play connection
- Maximum run lengths up to 13.1ft
- IP54 rating for dry and damp locations
- Includes (1) 3A plug-in driver, (1) 15FT 6PIN 20AWG wire, (3) 6pin Tape to Tape snap connector , (3) 6pin tape to tape jumpers, (1) SPKPL-REC-INLINE-5CH inline Bluetooth receiver, (1) SPKPL-CTRL-W-RGBTW Bluetooth handheld remote

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

LOCATION: \_\_\_\_\_

CATALOG NUMBER: \_\_\_\_\_



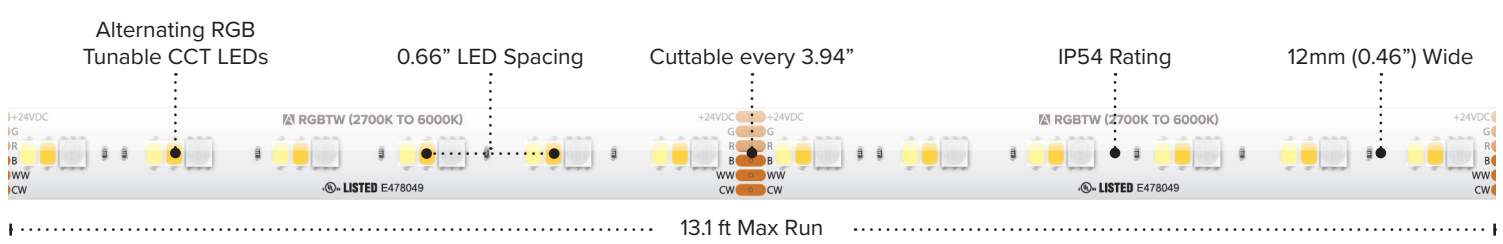
| SPEKTRUM+ 4M TAPE LIGHT KIT QUICK SPECS |                                   |
|---|-----------------------------------|
| VOLTAGE                                 | 24V DC                            |
| WATTAGE                                 | 7W/ft                             |
| LUMENS                                  | Up to 360Lm/ft                    |
| CCT OPTIONS                             | RGB + Tunable White (2700K-6000K) |
| CRI                                     | 90+                               |
| DIMMING                                 | Spektrum+ App (0-100%)*           |
| MAX RUN                                 | 13.1ft (14m)                      |
| CUTTABLE                                | Every 3.94"                       |
| CERTIFICATIONS                          | IP54 Dry and Damp Location        |
| RATED LIFE                              | 50,000 Hours                      |

\*Not intended for use with a standard wall switch dimmer. Use only with Spektrum+ Smart App or Spektrum+ Smart Switch control (sold separately)

### SPEKTRUM+ 4M TAPE LIGHT KIT IP RATING

**IP54 (Coated)**  
 Features a light nano-coating applied to the tape light and LED's that protects from moisture and dust.  
**Best suited:** Indoor dry & damp locations

### SPEKTRUM+ 4M TAPE LIGHT KIT QUICK LOOK



**SPEKTRUM+ 4M TAPE LIGHT KIT ORDERING INFORMATION**

| ITEM NUMBER       | DESCRIPTION           | VOLTAGE | CCT   | CRI | LUMENS         | WATTAGE | DIMMING        |
|-------------------|-----------------------|---------|-------|-----|----------------|---------|----------------|
| SPKPL-RGBTW-4MKIT | 13.1ft Tape Light Kit | 24V DC  | RGBTW | 90+ | Up to 360Lm/ft | 7W/ft   | App Controlled |

Includes: 3A plug-in driver, (1) 15FT 6PIN wire (20AWG), (3) 6pin Tape to Tape snap connector, (3) 6pin tape to tape jumpers, (1) SPKPL-REC-INLINE-5CH inline Bluetooth receiver, (1) SPKPL-CTRL-W-RGBTW

**SPEKTRUM+ 4M TAPE LIGHT KIT ACCESSORIES**

| ITEM NUMBER | DESCRIPTION                             |
|-------------|---|
| SPKPL-GTWY* | Spektrum+ WiFi to Bluetooth® Smart Hub* |

\*Gateway recommended for use in every Spektrum+ application for full app functionality.



SPKPL-GTWY

**SPEKTRUM+ NOTES**

**CONTROLLING THE FIXTURE:** The in-line LED controller/receiver utilizes Bluetooth Wireless Technology and can be controlled via the Spektrum+ Smart Lighting App and/or the Spektrum+ Smart Switch (SPKPL-CTRL-W-RGBTW - sold separately). It is not intended to be used with a standard dimmer switch.

**DISTANCE OF CONTROL CAPABILITY:** 25 meters (approx. 80ft)

**RESET THE DEVICE:** Power the device ON and OFF x 3 times in succession. The device will pulse once reset and ready to be paired.

**USING THE SPEKTRUM+ SMART LIGHTING APP:** Please follow the Spektrum+ Smart Lighting App guide.

**SPEKTRUM+ SIGNAL ATTENUATION**

All claims related to signal distance are based on clear line of sight. Any obstacles impeding direct line of sight will significantly reduce the effective distance of the product. Increasing density and thickness of obstacles will further decrease the signal distance.

**Material Interference Table**

| MATERIAL | POTENTIAL FOR RANGE REDUCTION |
|----------|-------------------------------|
| Wood     | Low                           |
| Glass    | Low                           |
| Brick    | Medium                        |
| Marble   | Medium                        |
| Plaster  | High                          |
| Concrete | High                          |
| Metal    | Very High                     |

Best practices/troubleshooting tactics include:

- Devices using the same RF band can interfere with each other’s communication. Though they cannot communicate directly, they may be able to inject noise into another system. If you experience this, the best practice is move the inadvertent receiver(s)/ transmitter(s) to an alternate location or to place a barrier between the inadvertent receiver(s)/transmitter(s).
- If a receiver must be moved out of sight, make sure that the receiver is not fully enclosed and that the receiver is placed as close to the opening as possible. The signal will be able to be reflected around a corner at reduced strength.
- If an antenna is used, the signal is strongest in directions perpendicular to the direction the antenna is pointing.
- A cellphone camera can be used to test if an IR remote is transmitting a signal. Even through the infrared band is invisible to humans, the cellphone camera will pick up the IR light and display it on the screen as either a red or white light. If pressing a button does not show a light on the cellphone screen, the batteries are most likely dead and need to be replaced.

\*\*Spektrum+ Smart Hub Required for automation features and use with voice assistants