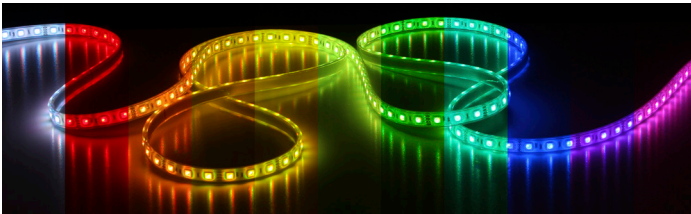


# VersiColor™ RGB LED Flexible Light

## Product Details

- Ability to change colors instantly with a simple controller interface
- RGB chips provide an endless amount of color combinations
- IP66 rating allows for installation in exterior or wet locations
- Flexibility allows for installation in curved applications as well as straight mount applications



## Part Numbers

TPB1206.50012-10 : 12V Clear  
 RBLL1206.67012-12 : 12V Clear Sealed  
 RBLL2406.70012-17 : 24V Clear Sealed



TPB Clear Silicone



RBLL Clear Sealed Silicone

## Product Details

| RGB Type           | 12V Clear                       | 12V Clear Sealed                | 24V Clear Sealed                   |
|--------------------|---------------------------------|---------------------------------|------------------------------------|
| Housing Material   | Silicone Transparent Casing     | Silicone Transparent Casing     | Silicone Transparent Casing        |
| Profile Dimensions | 0.32" x 0.1"                    | 0.5" x 0.2"                     | 0.65" x 0.14"                      |
| Total Wattage      | 3 Watts/Ft<br>(10 Watts/Meter)  | 3 Watts/Ft<br>(10 Watts/Meter)  | 4.7 Watts/Ft<br>(15.6 Watts/Meter) |
| Voltage            | 13.6V DC                        | 13.6V DC                        | 24V DC                             |
| Current            | 0.2 Amp/Ft*<br>(0.64 Amp/Meter) | 0.2 Amp/Ft*<br>(0.64 Amp/Meter) | 0.2 Amp/Ft*<br>(0.65 Amp/Meter)    |
| Lumen Output       | 82 Lm/Ft<br>(270 Lm/Meter)      | 82 Lm/Ft<br>(270 Lm/Meter)      | 160 Lm/Ft<br>(523 Lm/Meter)        |
| LED Color          | RGB                             | RGB                             | RGB                                |
| Cut Line Increment | 2" (5 cm)                       | 2" (5 cm)                       | 4" (10 cm)                         |
| Available Lengths  | 16.4 Ft (5 Meters)              | 20 Ft (6.7 Meters)              | 23 Ft (7 Meters)                   |
| Wire Size          | 22 AWG                          | 22 AWG                          | 22 AWG                             |
| LED Count          | 18 per foot                     | 18 per foot                     | 37 per foot                        |
| Beam Angle         | 120°                            | 120°                            | 120°                               |
| IP Rating          | IP62                            | IP66 Sealed                     | IP66 Sealed                        |
| UV                 | UV Stable                       | UV Stable                       | UV Stable                          |

\*Note, to protect against voltage fluctuations, estimate 0.3 Amps/Ft (1 Amp/Meter) when using VersiColor with RGB controllers

\*Patent Pending

## Specification Guide:

**Sample Part #: RBLL1206.70012-17**

Silicone Type .....  
 Voltage .....  
 Light Style .....  
 Light Length .....  
 Wire Length .....  
 Flex Light Width .....

### A Determine the style of light needed

| Silicone Type                                    | Voltage              | Style    | Light Length                             | Wire Length | Flex Light Width                     |
|--|----------------------|----------|--|-------------|--------------------------------------|
| TPB - Clear<br>TPBC - Clear Custom Cut           | 12 - 12V             | 06 - RGB | 500 - 500 cm (5 Meters)                  | 12 - 12 in  | 10 - 10 mm                           |
| RBLL - Clear Sealed<br>RBLLC - Sealed Custom Cut | 12 - 12V<br>24 - 24V | 06 - RGB | 670 - 670 cm (12V)<br>700 - 700 cm (24V) | 12 - 12 in  | 12 - 12 mm (12V)<br>17 - 17 mm (24V) |

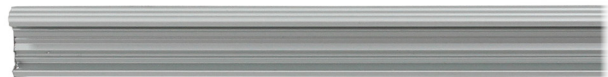
### B Determine which mounting channel is needed



White Plastic



Black Plastic



Aluminum



White Plastic Dual Mount



Dual Channel Side View

**Sample Part #: RBLL12-LS**

Compatible Light Type .....  
 Track Width .....  
 Track Color & Mounting Type .....

| Track Type                                   | TPB10<br>Standard | RBLL12<br>Clear Sealed | RNLL17<br>24V Clear Sealed |
|--|-------------------|------------------------|----------------------------|
| LS - Black Plastic Screw Mount               | √                 | √                      |                            |
| LT - Black Plastic Adhesive Mount            | √                 | √                      |                            |
| 6T - Black Plastic Dual Track Adhesive Mount |                   | √                      |                            |
| 6T - Black Plastic Adhesive Mount            |                   |                        | √                          |
| 5T - White Plastic Dual Track Adhesive Mount |                   | √                      |                            |
| KS - White Plastic Screw Mount               | √                 | √                      |                            |
| KT - White Plastic Adhesive Mount            | √                 | √                      |                            |
| 3S - Aluminum Screw Mount                    |                   | √                      | √                          |
| 7T - Aluminum Adhesive Mount                 |                   | √                      | √                          |
| 8T - Aluminum Screw Mount                    |                   |                        | √                          |

- Note, the width of the VersiColor flexible light corresponds with the width of the track, these widths must match for proper installation.  
 - Use RNLL17 track options for the 24V clear sealed RBLL.

## Specification Guide Continued:

### C Specify the power supply needed

| Wattage | Voltage | Part #     |
|---------|---------|------------|
| 100W    | 12V     | 690010.043 |
| 100W    | 24V     | 690010.031 |
| 150W    | 24V     | 690010.020 |

\*All power supplies are hardwire, please contact your sales representative for plug-in options available

#### 100 Watt LED Driver | Part #: 690010.031

|                |  |
|----------------|--|
| Housing        | Aluminum   |
| Wattage        | 100W   |
| AC Input       | 100-277V AC  |
| DC Output      | 24V DC, 4.10Amps   |
| Frequency      | 50-60Hz  |
| Input Current  | 1 Amps @ 120V AC   |
| Power Factor   | >.90   |
| Operating Temp | 90°C Max   |
| Protection     | Over-voltage & current, short circuit protection & auto-recovery |



#### 100 Watt LED Magnetic Driver | Part #: 690010.043

|                |  |
|----------------|--|
| Housing        | Metal  |
| Wattage        | 100W   |
| AC Input       | 120V AC  |
| DC Output      | 12V DC, 10.76 Amps   |
| Frequency      | 60Hz   |
| Input Current  | 1.33 Amps @ 120V AC  |
| Power Factor   | 0.93   |
| Operating Temp | 0°C - 130°C  |
| Protection     | Over-voltage & current, Short circuit protection & auto-recovery |



#### 150 Watt Power Supply | Part #: 690010.020

|                |  |
|----------------|--|
| Housing        | Aluminum   |
| Wattage        | 150W   |
| AC Input       | 100-277V AC  |
| DC Output      | 24V DC, 6.25Amps   |
| Frequency      | 50-60Hz  |
| Input Current  | 1.65 Amps @ 100V AC  |
| Power Factor   | .95  |
| Operating Temp | -40°C - 65°C   |
| Protection     | Over-voltage & current, short circuit protection & auto-recovery |



### D Specify the controller needed

#### Touch Sensitive Control Keypad | Part #: STICK-GU2

|                |   |
|----------------|---|
| Package        | Controller, CDRom, USB, Connector Block                         |
| OS Requirement | Mac OSx 10.6/10.7/10.8<br>Windows XP/Vista/Seven/8<br>32/64 Bit |
| Software       | Easy Stand Alone, ESA2 (PC & Mac)                               |
| Connections    | Power (2 pins)<br>DMX (3 pins)<br>Port (2 pins)<br>Micro-USB    |
| Power          | 5.5 - 12V DC, Max 5.5V w/ USB                                   |
| Working Temp   | 0°F - 50°C  |
| Dimensions     | 3.4"L x 3.4"W x 0.4"D   |
| Weight (G.W.)  | 0.2 lbs   |



#### 3CH CV DMX512 Decoder | Part #: LT-840-6A

|                  |                                |
|------------------|--------------------------------|
| Input Signal     | DMX512                         |
| Input Voltage    | 5-24V DC                       |
| Max Current Load | 4A x 3CH / Max 12A             |
| Max Power Output | 144W @ 12V DC<br>288W @ 24V DC |
| DMX512 Socket    | Standard XLR-3, Green Terminal |
| Dimming Range    | 0 ~ 100%                       |
| Working Temp     | -30°F - 65°C                   |
| Dimensions       | 5.3"L x 2.8"W x 2"H            |
| Weight (G.W.)    | 0.7 lbs                        |



#### WiFi Lighting Control System Controller | Part #: WiFi-104

|                       |                                     |
|-----------------------|-------------------------------------|
| Communication         | 2.4GHz Wi-Fi, 802, 11b/g/n Protocol |
| Input Voltage         | 12 - 24V DC                         |
| Max Current Load      | 4A x 4CH Max 16A                    |
| Max Output Power      | 192W @ 12V DC<br>384W @ 24V DC      |
| WiFi Control Distance | 320 Feet                            |
| Working Temp.         | -20°C - 50°C                        |
| Dimensions            | 5"L x 2.9"W x 1.8"H                 |
| Weight                | 0.6 lbs                             |



**D** Specify the controller needed, cont.

**Constant Voltage Zone Receiver | Part #: R4-5A CV**

|                    |                                |
|--------------------|--------------------------------|
| Wireless Frequency | 2.4GHz                         |
| Input Voltage      | 5 - 24V DC                     |
| Max Current Load   | 5A x 4CH Max 20A               |
| Max Output Power   | 240W @ 12V DC<br>480W @ 24V DC |
| Remote Distance    | 160 Feet                       |
| Working Temp.      | -20°C - 50°C                   |
| Dimensions         | 7"L x 1.7"W x 1.2"H            |
| Weight             | 0.2 lbs                        |



**RF RGB Remote Control | Part #: V3**

|                    |                        |
|--------------------|------------------------|
| Remote Option      | RGB                    |
| Working Voltage    | 3V DC (Battery CR2032) |
| Wireless Frequency | 2.4GHz                 |
| Input Voltage      | 5 - 24V DC             |
| Remote Distance    | 100 Feet               |
| Working Temp.      | -20°C - 50°C           |
| Dimensions         | 6"L x 1.8"W x 0.7"H    |
| Weight             | 0.2 lbs                |



**DX Series Touch Panel | Part #: DX63**

|                 |                   |
|-----------------|-------------------|
| Input Voltage   | 100 - 240V AC     |
| Output Signal   | RF 2.4G + DMX512  |
| Remote Distance | 100 Feet          |
| Control Mode    | RGB               |
| Working Temp.   | -30°C - 55°C      |
| Dimensions      | 4"L x 4"W x 2.4"H |
| Weight          | 0.5 lbs           |

