

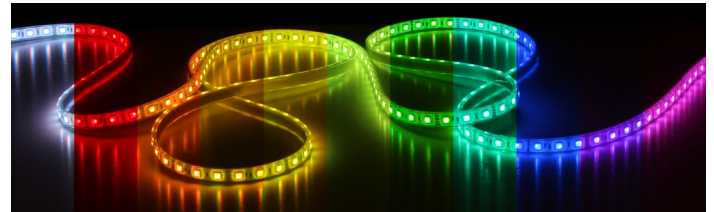
# VersiColor™ RGB LED Flexible Light

## Product Details

- Ability to change colors instantly with a simple controller interface
- RGB chips provide an endless amount of color combinations
- IP66 rated 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-G : 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
Dimensions	0.32"W x 0.1"H x Various L	0.5"W x 0.2"H x Various L	0.65"W x 0.14"H x Various L
Housing	Silicone	Silicone	Silicone
Wattage	3 W/Ft	3 W/Ft	4.7 W/Ft
Voltage	10-14V DC	10-14V DC	24V DC
Current	0.2 A/Ft*	0.2 A/Ft*	0.2 A/Ft*
Lumens	82 LM/Ft	82 M/Ft	160 LM/Ft
Kelvin	RGB	RGB	RGB
Efficacy	27 LM/W	27 LM/W	34 LM/W
Cut Increment [cannot be field cut]	2"	2"	2"
IP Rating	IP64	IP66	IP66
UV Stable	Yes	Yes	Yes
Operating Temp.	-4°F to +140°F (-20°C to +60°C)	-4°F to +140°F (-20°C to +60°C)	-4°F to +140°F (-20°C to +60°C)
Wire Size	22 AWG	22 AWG	22 AWG

\*Note, to protect against voltage fluctuations, estimate 0.3 Amps/Ft (1 Amp/Meter) when using VersiColor with RGB controllers. Contact sales for info on cut lengths. Cannot be field cut.



UL2108

## Specification Guide

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

Base Part # .....  
 Voltage .....  
 Color Temp. ....  
 Light Length .....  
 Wire Length .....  
 Light Width.....

Base Part #	Voltage	Color Temp.	Light Length (cm)	Wire Length (in)	Light Width (mm)
TPB - Clear TPBC - Custom Cut	12	06 - RGB	500	12	10-G
RBLL - Clear Sealed RBLLC - Custom Cut	12	06 - RGB	670	12	12
	24	06 - RGB	700	12	17

**Note:** Contact sales for info on cut lengths. Cannot be field cut.

## Mounting Specification



White Plastic



Black Plastic



Aluminum

TPB1206 Channel	
TPB10-LS	Black Plastic Screw Mount
TPB10-LT	Black Plastic Adhesive Mount
TPB10-KS	White Plastic Screw Mount
TPB10-KT	White Plastic Adhesive Mount
RBLL1206 Channel	
RBLL12-LS	Black Plastic Screw Mount
RBLL12-LT	Black Plastic Adhesive Mount
RBLL12-KS	White Plastic Screw Mount
RBLL12-KT	White Plastic Adhesive Mount
RBLL12-3S	Aluminum Screw Mount
RBLL12-7T	Aluminum Adhesive Mount
RBLL2406 Channel	
RNLL17-6T	Black Plastic Adhesive Mount
RNLL17-3S	Aluminum Screw Mount
RNLL17-7T	Aluminum Adhesive Mount
RNLL17-8T	Clear Plastic Adhesive Mount

## Power Supply Specification

- \* For more information on power supplies, please review the power supply literature sheet.
- \* All power supplies are hardwire, please contact your sales representative for plug-in options available.
- \* Note, power supplies over 100W are listed, but are not class 2.
- + Power supply comes installed in a contractor approved junction box.
- ++Only use Magnitude approved dimmers, a 50% load is required if not being used with a dimmer.

Part #	690010.127	690010.121+	690010.128	690010.080	690010.130	690010.129	690010.096++
Power Supply Type	0-10V Dimming	0-10V Dimming	0-10V Dimming	0-10V Dimming	Magnetic (MLV) Line Voltage Dimming	Magnetic (MLV) Line Voltage Dimming	Magnetic (MLV) Line Voltage Dimming
Wattage	45W	96W	150W	320W	60W	96W	300W
Housing	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
AC Input	120V AC	120V AC	120V AC	120V AC	120V AC	120V AC	120V AC
DC Output	24V DC	24V DC	24V DC	24V DC, 13.3 Amps	24V DC	24V DC	24V DC, 4.3 Amps
Input Current	0.3 Amps @ 120V AC	1.3 Amps @ 120V AC	0.7 Amps @ 120V AC	1.5 Amps @ 120V AC	0.61 Amps @ 120V AC	1 Amp @ 120V AC	2.86 Amps @ 120V AC



## Controller Specification

### 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 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



### 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 480W @ 24V DC
Remote Distance	160 Feet
Working Temp.	-20°C - 50°C
Dimensions	7"L x 1.7"W x 1.2"H



**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 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



**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

