

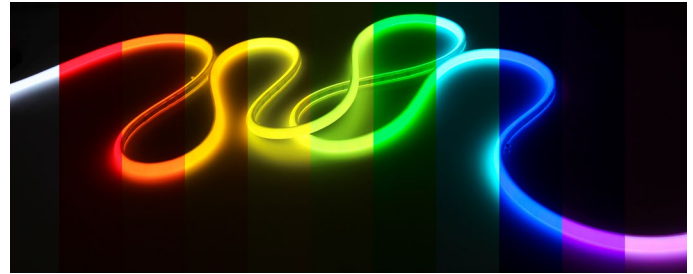
VersiColor™ RGBW LED Flexible Light

Product Details

- RGB chips provide an endless amount of color combinations, while white chip provides a high quality white
- The combination of RGB and White LEDs gives the user the ability to select a warmer or cooler white depending on preference.
- Ability to change colors instantly with a simple controller interface
- IP66 rated for installation in exterior or wet locations
- Flexibility allows for installation in curved applications as well as straight mount applications
- Some options require a minimum order quantity. Please contact eliosales@itc-us.com.

Part Numbers

RBLL24RW.67012-12 : 24V Clear Sealed
RNLL24RW.19712-17 : 24V Diffused Sealed



**single addressability only*



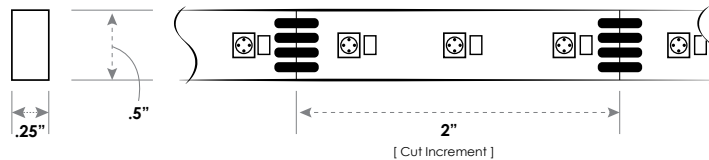
RBLL - 24V Clear Sealed



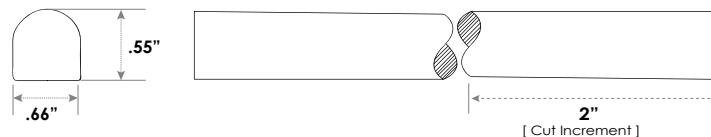
RNLL - 24V Diffused Sealed

Product Dimensions

RBLL RGBW



RNLL RGBW



Luna Patent Numbers: 9,695,991 | 2,861,157 | 9,909,719

Product Details

Type	24V Clear Sealed	24V Diffused Sealed
Dimensions	0.5"W x 0.2"H x Various L	0.66"W x 0.55"H x Various L
Housing	Silicone	Silicone
Wattage	3.5 W/Ft	3.9 W/Ft
Voltage	24V DC	24V DC
Current	0.1 A/Ft*	0.2 A/Ft*
Lumens	195 LM/Ft	145 LM/Ft
Kelvin	RGBW	RGBW
Efficacy	55 LM/W	35 LM/W
Cut Increment [cannot be field cut]	≈ 2"	≈ 2"
IP Rating	IP66 Sealed	IP66 Sealed
UV Stable	Yes	Yes
Operating Temp.	-4°F to +140°F (-20°C to +60°C)	-4°F to +140°F (-20°C to +60°C)
Wire Size	24 AWG	24 AWG

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

Specification Guide

Sample Part #: RNLL24RW.19712-17

Base Part #.....
 Voltage.....
 Kelvin.....
 Light Length.....
 Wire Length.....
 Light Width.....

Base Part #	Voltage	Kelvin	Light Length	Wire Length (in)	Light Width (mm)
RBLL - Clear Sealed	24	RW - RGBW	670 - 670 cm (20 Ft) RBLL	12	12
RNLL - Diffused Sealed			197 - 197 in (16.4 Ft) RNLL		17

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

Mounting Specification



White Plastic



Black Plastic



Aluminum

RBLL24RW 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
RBLL24RW 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. The UL listing for the tape light is based on using a class 2 power supply.
- +Only use Magnitude approved dimmers, a 50% load is required if not being used with a dimmer.

Part #	690010.035	270-00267	690010.063	690010.097
Power Supply Type	Electronic	Electronic	Electronic	Electronic
Wattage	60W	100W	320W	600W
Housing	Aluminum	Aluminum	Aluminum	Aluminum
AC Input	100 - 277V AC	120 - 277V AC	115 - 277V AC	115 - 277V AC
DC Output	24V DC, 2.5A	24V DC, 4.1A	24V DC, 13.3 Amps	24V DC, 24A
Input Current	0.6A @120V AC	0.93A @120V AC	0.75A @277V AC	7A @115V AC
Class 2	Yes	Yes	No	No



Part #	690010.130	690010.129	690010.096+
Power Supply Type	Magnetic (MLV) Line Voltage Dimming	Magnetic (MLV) Line Voltage Dimming	Magnetic (MLV) Line Voltage Dimming
Wattage	60W	96W	300W
Housing	Aluminum	Aluminum	Aluminum
AC Input	120V AC	120V AC	120V AC
DC Output	24V DC	24V DC	24V DC, 4.3 Amps
Input Current	0.61 Amps @ 120V AC	1 Amp @120V AC	2.86 Amps @ 120V AC
Class 2	Yes	Yes	No



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

