

WH35 CHANNEL FIXTURE

WH35 Channel Fixture is a large profile channel that fits any RibbonLyte and has a 56-degree beam angle. We offer a variety of mounting options and lenses to create a full range of light output and design. Custom design a fixture for nearly any application with our WH35 Channel and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 56°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 12 W/ft (39.4 W/m)
- Static White delivered lumen range from 44.1 lm/ft (144.6 lm/m) up to 1273 lm/ft (4176 lm/m)
- Assembled in USA
- Suitable for use in closets with RibbonLyte (6.0 W/ft and less)



HOUSING FINISHES



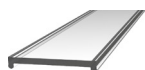
Silver **Black*** **White*** **Custom**
Standard RAL*

*Additional fee applies

AVAILABLE LENS FINISHES



Clear Lens
92% Light Transmission



Frosted Lens
85% Light Transmission



Milky Lens
70% Light Transmission

AVAILABLE COLORS & COLOR TEMPERATURES



1800K 2000K 2200K 2400K 2700K 3000K 3500K 4000K 6000K Red Amber Green Blue RGBW RGBA RGBWW VW WD

DIMENSIONS

WH35 Channel	Mounting Clip (Included Accessory)
Width: 1.37 in. (35 mm) Height: 1.47 in. (37.5 mm) Internal Width: 1.23 in. (31.2 mm)	Side View Top View Assembled View Width: 1.37 in. (35 mm) Height: 1.47 in. (37.5 mm)

Beam Angle	56°
Lens Type	Clear Lens, Frosted Lens, Milky Lens
Length	Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.
Operating Voltage	24V
Dimming	MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBW, RGBWW, RGBA, VW, Warm Dim, RGBW Addressable (1800K, 2000K, 2200K only available in IP20)
CRI	90+ CRI (Static white only)
Lamp Life	L70 at 50,000 Hours
MacAdam Ellipses (SDCM)	2-Step Binning (For Static White LEDs only)
Certifications	ETL Listed: UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant UL 2108 - Low Voltage Lighting Systems UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHWH35		
CHWH35 - WH35 Channel	C - Clear Lens* M - Milky Lens F - Frosted Lens * Clear lens is the default option if not specified.	SV - Silver (default) WH - White BK - Black Consult factory for custom colors

STEP 2 Complete RibbonLyte Part Number

CATEGORY	CRI	RIBBON TYPE & IP RATING		
RB				
RB - RibbonLyte	0 - Static Color, Color Changing	SWS220 - Static White Series 2 IP20	RGBWS220 - RGBW Series 2 IP20	VWS220 - VW Series 2 IP20
	90 - 90+ CRI Static White	SWS265 - Static White Series 2 IP65	RGBWS265 - RGBW Series 2 IP65	VWS265 - VW Series 2 IP65
		SWS268 - Static White Series 2 IP68	RGBWS268 - RGBW Series 2 IP68	VWS268 - VW Series 2 IP68
		SWDR20 - Static White Double Row IP20	RGBWA20 - RGBW/A IP20	WD20 - Warm Dim IP20
		SCS220 - Static Color Series 2 IP20	RGBWA65 - RGBW/A IP65	WD65 - Warm Dim IP65
		SCS265 - Static Color Series 2 IP65	RGBWA68 - RGBW/A IP68	WD68 - Warm Dim IP68
		SCS268 - Static Color Series 2 IP68	RGBWADR20 - RGBW/A Double Row IP20	
		RGBWADD - Addressable RGBW IP67	VWDR20 - Variable White Double Row IP20	
		RGBWW20 - RGBWW 5-in-1 IP20		

NOTE: To ensure waterproofing standards are met, IP65, IP67, and IP68 RibbonLyte can NOT be cut in the field.

WATTAGE

0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)
1.0 - 1.0 W/ft (3.3 W/m - Variable White)
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White, RGBW, RGBA)
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)
5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)
6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White, RGBW, RGBA, RGBW Addressable)
8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW, RGBA)
12.0 - 12.0 W/ft (39.4 W/m - Static White, Variable White, RGBW, RGBA)

COLOR

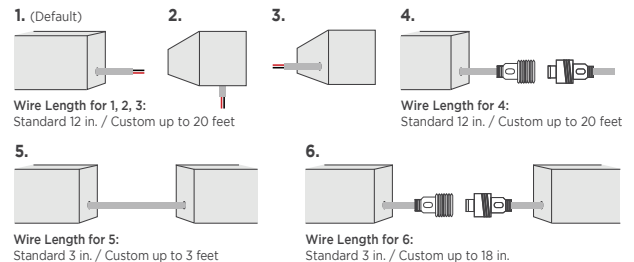
18 - 1800K	VW - Variable White
20 - 2000K	RGB27 - Red, Green, Blue + 2700K
22 - 2200K	RGB30 - Red, Green, Blue + 3000K
24 - 2400K	RGB40 - Red, Green, Blue + 4000K
27 - 2700K	RGB60 - Red, Green, Blue + 6000K
30 - 3000K	RGB2465 - Red, Green, Blue + 2400K + 6500K
35 - 3500K	RGBA - Red, Green, Blue + Amber
40 - 4000K	RGBW30 - RGB + 3000K Addressable
60 - 6000K	RGBW40 - RGB + 4000K Addressable
R - Red	RGBW60 - RGB + 6000K Addressable
A - Amber	2920 - Warm Dim 2900K - 2000K (IP20)
G - Green	2721 - Warm Dim 2700K - 2100K (IP65+IP68)
B - Blue	Z - Undecided**

** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

- | | |
|------------------------------------|-------------------------------------|
| 1 - End Feed Bare Wire Connection | 4 - End Feed with IP67 Male Coupler |
| 2 - Back Feed Bare Wire Connection | 5 - Soldered Daisy Chain |
| 3 - Side Feed Bare Wire Connection | 6 - Daisy Chain With IP67 Couplers |

Custom Length (ft.)


STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 78 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly	



RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel		
									IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	58 lm/ft (190.3 lm/m)	53.6 lm/ft (175.8 lm/m)	44.1 lm/ft (144.6 lm/m)	IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	99	68.3 lm/ft (224 lm/m)	63.1 lm/ft (207 lm/m)	52 lm/ft (170.6 lm/m)				
			2200K	109	75.2 lm/ft (246.7 lm/m)	69.5 lm/ft (228 lm/m)	57.2 lm/ft (187.6 lm/m)				
			2400K	113	78 lm/ft (255.8 lm/m)	72.0 lm/ft (236.2 lm/m)	59.3 lm/ft (194.5 lm/m)				
			2700K	123	84.9 lm/ft (278.5 lm/m)	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3000K	123	84.9 lm/ft (278.5 lm/m)	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3500K	130	89.7 lm/ft (294.2 lm/m)	82.9 lm/ft (272 lm/m)	68.3 lm/ft (224 lm/m)				
			4000K	134	92.5 lm/ft (303.4 lm/m)	85.4 lm/ft (280.1 lm/m)	70.4 lm/ft (230.9 lm/m)				
			6000K	131	90.4 lm/ft (296.5 lm/m)	83.5 lm/ft (273.9 lm/m)	68.8 lm/ft (225.7 lm/m)				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	115.9 lm/ft (380.2 lm/m)	107.1 lm/ft (351.3 lm/m)	88.2 lm/ft (289.3 lm/m)	IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	135.2 lm/ft (443.5 lm/m)	125 lm/ft (410 lm/m)	102.9 lm/ft (337.5 lm/m)				
			2200K	109	150.4 lm/ft (493.3 lm/m)	139 lm/ft (455.9 lm/m)	114.5 lm/ft (375.6 lm/m)				
			2400K	113	155.9 lm/ft (511.4 lm/m)	144.1 lm/ft (472.6 lm/m)	118.7 lm/ft (389.3 lm/m)				
			2700K	123	169.7 lm/ft (556.6 lm/m)	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3000K	123	169.7 lm/ft (556.6 lm/m)	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3500K	129	178 lm/ft (583.8 lm/m)	164.5 lm/ft (539.6 lm/m)	135.5 lm/ft (444.4 lm/m)				
			4000K	134	184.9 lm/ft (606.5 lm/m)	170.9 lm/ft (560.6 lm/m)	140.7 lm/ft (461.5 lm/m)				
			6000K	131	180.8 lm/ft (593 lm/m)	167 lm/ft (547.8 lm/m)	137.6 lm/ft (451.3 lm/m)				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	168 lm/ft (551 lm/m)	155.2 lm/ft (509.1 lm/m)	127.8 lm/ft (419.2 lm/m)	IP20: 42 ft (12.8 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	96	194.3 lm/ft (637.3 lm/m)	179.5 lm/ft (588.8 lm/m)	147.8 lm/ft (484.8 lm/m)				
			2200K	106	214.5 lm/ft (703.6 lm/m)	198.2 lm/ft (650.1 lm/m)	163.2 lm/ft (535.3 lm/m)				
			2400K	111	224.7 lm/ft (737 lm/m)	207.6 lm/ft (680.9 lm/m)	170.9 lm/ft (560.6 lm/m)				
			2700K	120	242.9 lm/ft (796.7 lm/m)	224.4 lm/ft (736 lm/m)	184.8 lm/ft (606.1 lm/m)				
			3000K	122	246.9 lm/ft (809.8 lm/m)	228.1 lm/ft (748.2 lm/m)	187.9 lm/ft (616.3 lm/m)				
			3500K	127	257 lm/ft (843 lm/m)	237.5 lm/ft (779 lm/m)	195.6 lm/ft (641.6 lm/m)				
			4000K	133	269.2 lm/ft (883 lm/m)	248.7 lm/ft (779 lm/m)	204.8 lm/ft (671.7 lm/m)				
			6000K	128	259.1 lm/ft (849.8 lm/m)	239.4 lm/ft (785.2 lm/m)	197.1 lm/ft (646.5 lm/m)				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109.8	303.1 lm/ft (994.1 lm/m)	280.1 lm/ft (918.6 lm/m)	230.6 lm/ft (756.5 lm/m)	IP20: 36 ft (11 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			2700K	122.9	339.6 lm/ft (1114 lm/m)	313.5 lm/ft (1028.1 lm/m)	258.1 lm/ft (846.7 lm/m)				
			3000K	130	359.1 lm/ft (1177.9 lm/m)	331.4 lm/ft (1087.1 lm/m)	273 lm/ft (895.3 lm/m)				
			3500K	133	367.5 lm/ft (1205.3 lm/m)	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
			4000K	133	367.5 lm/ft (1205.3 lm/m)	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	6000K	127	350.8 lm/ft (1150.5 lm/m)	323.7 lm/ft (1061.8 lm/m)	266.6 lm/ft (874.5 lm/m)	28 ft 4 in. (8.64 m)	✓	✓	✓
			2400K	109	441.2 lm/ft (1447 lm/m)	407.7 lm/ft (1337.1 lm/m)	335.7 lm/ft (1101.2 lm/m)				
			2700K	122	494.4 lm/ft (1621.6 lm/m)	456.3 lm/ft (1496.6 lm/m)	375.8 lm/ft (1232.5 lm/m)				
			3000K	129	522.8 lm/ft (1714.7 lm/m)	482.5 lm/ft (1582.5 lm/m)	397.3 lm/ft (1303.2 lm/m)				
			3500K	132	534.9 lm/ft (1754.5 lm/m)	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
			4000K	132	534.9 lm/ft (1754.5 lm/m)	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	6000K	126	510.6 lm/ft (1674.8 lm/m)	471.2 lm/ft (1545.7 lm/m)	388.1 lm/ft (1272.9 lm/m)	IP20: 33 ft 4 in. (10.1 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			2400K	109.8	505.1 lm/ft (1656.8 lm/m)	466.8 lm/ft (1531 lm/m)	384.4 lm/ft (1260.8 lm/m)				
			2700K	122.9	566.1 lm/ft (1856.7 lm/m)	522.4 lm/ft (1713.6 lm/m)	430.2 lm/ft (1411.2 lm/m)				
			3000K	130	598.5 lm/ft (1963.2 lm/m)	552.4 lm/ft (1811.9 lm/m)	454.9 lm/ft (1492.1 lm/m)				
			3500K	133	612.5 lm/ft (2008.9 lm/m)	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
			4000K	133	612.5 lm/ft (2008.9 lm/m)	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
6000K			6000K	127	584.6 lm/ft (1917.6 lm/m)	539.6 lm/ft (1769.7 lm/m)	444.3 lm/ft (1457.4 lm/m)				

SPECIFICATIONS

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel		
									IP20	IP65	IP68
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109	601.6 lm/ft (1973.2 lm/m)	555.9 lm/ft (1823.4 lm/m)	457.8 lm/ft (1501.6 lm/m)	28 ft (8.5 m)	✓	✓	✓
			2700K	122	674.2 lm/ft (2211.3 lm/m)	622.2 lm/ft (2040.8 lm/m)	512.4 lm/ft (1680.7 lm/m)				
			3000K	129	712.9 lm/ft (2338.2 lm/m)	657.9 lm/ft (2157.9 lm/m)	541.8 lm/ft (1777.1 lm/m)				
			3500K	132	729.4 lm/ft (2392.5 lm/m)	673.2 lm/ft (2208.1 lm/m)	554.4 lm/ft (1818.4 lm/m)				
			4000K	132	612.5 lm/ft (2008.9 lm/m)	673.2 lm/ft (2208.1 lm/m)	554.4 lm/ft (1818.4 lm/m)				
			6000K	126	696.3 lm/ft (2283.8 lm/m)	642.6 lm/ft (2107.7 lm/m)	529.2 lm/ft (1735.8 lm/m)				
3.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	73	206 lm/ft (676 lm/m)	204 lm/ft (669 lm/m)	202 lm/ft (662 lm/m)	65 ft 7 in. (20 m)	✓	N/A	N/A
			2000K	86	243 lm/ft (798 lm/m)	240 lm/ft (787 lm/m)	238 lm/ft (781 lm/m)				
			2200K	94	266 lm/ft (872 lm/m)	263 lm/ft (863 lm/m)	260 lm/ft (853 lm/m)				
			2400K	97	273 lm/ft (896 lm/m)	270 lm/ft (886 lm/m)	267 lm/ft (877 lm/m)				
			2700K	109	308 lm/ft (1010 lm/m)	304 lm/ft (997 lm/m)	301 lm/ft (989 lm/m)				
			3000K	118	333 lm/ft (1092 lm/m)	330 lm/ft (1082 lm/m)	326 lm/ft (1069 lm/m)				
			3500K	119	335 lm/ft (1100 lm/m)	333 lm/ft (1092 lm/m)	328 lm/ft (1077 lm/m)				
			4000K	118	333 lm/ft (1092 lm/m)	330 lm/ft (1082 lm/m)	326 lm/ft (1069 lm/m)				
			6000K	114	323 lm/ft (1059 lm/m)	320 lm/ft (1050 lm/m)	316 lm/ft (1037 lm/m)				
6.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	73	412 lm/ft (1353 lm/m)	407 lm/ft (1335 lm/m)	403 lm/ft (1324 lm/m)	39 ft (12 m)	✓	N/A	N/A
			2000K	86	487 lm/ft (1597 lm/m)	481 lm/ft (1578 lm/m)	476 lm/ft (1563 lm/m)				
			2200K	94	531 lm/ft (1744 lm/m)	526 lm/ft (1725 lm/m)	520 lm/ft (1707 lm/m)				
			2400K	97	546 lm/ft (1792 lm/m)	541 lm/ft (1775 lm/m)	535 lm/ft (1707 lm/m)				
			2700K	109	616 lm/ft (2021 lm/m)	609 lm/ft (1998 lm/m)	603 lm/ft (1978 lm/m)				
			3000K	118	666 lm/ft (2184 lm/m)	659 lm/ft (2162 lm/m)	651 lm/ft (2137 lm/m)				
			3500K	119	670 lm/ft (2200 lm/m)	663 lm/ft (2175 lm/m)	656 lm/ft (2153 lm/m)				
			4000K	118	666 lm/ft (2184 lm/m)	658 lm/ft (2158 lm/m)	651 lm/ft (2137 lm/m)				
			6000K	114	646 lm/ft (2118 lm/m)	639 lm/ft (2096 lm/m)	632 lm/ft (2073 lm/m)				
12.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	69	783 lm/ft (2567 lm/m)	775 lm/ft (2542 lm/m)	766 lm/ft (2513 lm/m)	26 ft 3 in. (8 m)	✓	N/A	N/A
			2000K	82	924 lm/ft (3031 lm/m)	914 lm/ft (2998 lm/m)	904 lm/ft (2967 lm/m)				
			2200K	89	1009 lm/ft (3310 lm/m)	998 lm/ft (3273 lm/m)	987 lm/ft (3239 lm/m)				
			2400K	92	1037 lm/ft (3403 lm/m)	1026 lm/ft (3365 lm/m)	1015 lm/ft (3330 lm/m)				
			2700K	104	1169 lm/ft (3836 lm/m)	1157 lm/ft (3795 lm/m)	1144 lm/ft (3754 lm/m)				
			3000K	112	1263 lm/ft (4145 lm/m)	1250 lm/ft (4100 lm/m)	1236 lm/ft (4057 lm/m)				
			3500K	113	1273 lm/ft (4176 lm/m)	1259 lm/ft (4130 lm/m)	1246 lm/ft (4087 lm/m)				
			4000K	112	1263 lm/ft (4145 lm/m)	1250 lm/ft (4100 lm/m)	1236 lm/ft (4057 lm/m)				
			6000K	109	1226 lm/ft (4021 lm/m)	1213 lm/ft (3979 lm/m)	1200 lm/ft (3936 lm/m)				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	28 lm/ft (93 lm/m)	26 lm/ft (86 lm/m)	22 lm/ft (70.6 lm/m)	IP20: 49 ft (15 m)	✓	✓	✓
			Green	175	121 lm/ft (396 lm/m)	112 lm/ft (366 lm/m)	92 lm/ft (301.4 lm/m)	IP65/ IP68: 32.8 ft (10 m)			
			Blue	19	13 lm/ft (43 lm/m)	12 lm/ft (40 lm/m)	10 lm/ft (32.7 lm/m)				
			Amber	34	23 lm/ft (77 lm/m)	22 lm/ft (71 lm/m)	18 lm/ft (58.6 lm/m)				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	58 lm/ft (190 lm/m)	54 lm/ft (176 lm/m)	44 lm/ft (144.7 lm/m)	IP20: 49 ft (15 m)	✓	✓	✓
			Green	160	221 lm/ft (724 lm/m)	204 lm/ft (669 lm/m)	168 lm/ft (551.1 lm/m)	IP65/ IP68: 32.8 ft (10 m)			
			Blue	18	25 lm/ft (81 lm/m)	23 lm/ft (75 lm/m)	19 lm/ft (62 lm/m)				
			Amber	34	47 lm/ft (154 lm/m)	43 lm/ft (142 lm/m)	36 lm/ft (117.1 lm/m)				

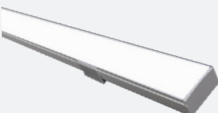
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel		
									IP20	IP65	IP68
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	85 lm/ft (279 lm/m)	79 lm/ft (258 lm/m)	65 lm/ft (212.2 lm/m)	IP20: 42 ft (12.8 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	145	293 lm/ft (963 lm/m)	271 lm/ft (889 lm/m)	223 lm/ft (732.4 lm/m)				
			Blue	18	36 lm/ft (119 lm/m)	34 lm/ft (110 lm/m)	28 lm/ft (90.9 lm/m)				
			Amber	33	67 lm/ft (219 lm/m)	62 lm/ft (202 lm/m)	51 lm/ft (166.7 lm/m)				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40.0	110.4 lm/ft (362.1 lm/m)	102.0 lm/ft (334.6 lm/m)	84.0 lm/ft (275.52 lm/m)	32.8 ft (10 m)	✓	✓	✓
			Green	127.0	350.9 lm/ft (1151.0 lm/m)	323.9 lm/ft (1062.2 lm/m)	266.7 lm/ft (874.776 lm/m)				
			Blue	25.0	69.1 lm/ft (226.6 lm/m)	63.8 lm/ft (209.1 lm/m)	52.5 lm/ft (172.2 lm/m)				
			Amber	29.0	80.1 lm/ft (262.8 lm/m)	74.0 lm/ft (242.6 lm/m)	60.9 lm/ft (199.752 lm/m)				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38.0	153.8 lm/ft (504.5 lm/m)	142.1 lm/ft (466.2 lm/m)	117.0 lm/ft (383.8912 lm/m)	29 ft (8.8 m)	✓	✓	✓
			Green	117.0	474.1 lm/ft (1555.1 lm/m)	437.6 lm/ft (1435.3 lm/m)	360.4 lm/ft (1181.981 lm/m)				
			Blue	24.0	97.3 lm/ft (319.0 lm/m)	89.8 lm/ft (294.4 lm/m)	73.9 lm/ft (242.4576 lm/m)				
			Amber	25.0	101.3 lm/ft (332.2 lm/m)	93.5 lm/ft (306.7 lm/m)	77.0 lm/ft (252.56 lm/m)				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37.0	170.2 lm/ft (558.2 lm/m)	157.3 lm/ft (515.8 lm/m)	129.5 lm/ft (424.76 lm/m)	30 ft (9.14 m)	✓	✓	✓
			Green	116.0	534.2 lm/ft (1752.1 lm/m)	493.0 lm/ft (1617.0 lm/m)	406.0 lm/ft (1331.68 lm/m)				
			Blue	24.0	110.5 lm/ft (362.5 lm/m)	102.0 lm/ft (334.6 lm/m)	84.0 lm/ft (275.52 lm/m)				
			Amber	26.0	119.7 lm/ft (392.7 lm/m)	110.5 lm/ft (362.4 lm/m)	91.0 lm/ft (298.48 lm/m)				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37.0	204.2 lm/ft (669.8 lm/m)	188.7 lm/ft (618.9 lm/m)	155.4 lm/ft (509.712 lm/m)	28 ft (8.5 m)	✓	✓	✓
			Green	113.0	624.4 lm/ft (2048.2 lm/m)	576.3 lm/ft (1890.3 lm/m)	474.6 lm/ft (1556.688 lm/m)				
			Blue	23.0	127.1 lm/ft (416.9 lm/m)	117.3 lm/ft (384.8 lm/m)	96.6 lm/ft (316.9 lm/m)				
			Amber	24.0	132.6 lm/ft (435.0 lm/m)	122.4 lm/ft (401.6 lm/m)	100.8 lm/ft (330.7 lm/m)				
3.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	87	245 lm/ft (805 lm/m)	243 lm/ft (797 lm/m)	240 lm/ft (788 lm/m)	65 ft 7 in. (20 m)	✓	N/A	N/A
6.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	82	462 lm/ft (1517 lm/m)	457 lm/ft (1499 lm/m)	453 lm/ft (1485 lm/m)	45 ft 11 in. (14 m)	✓	N/A	N/A
12.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	71	801 lm/ft (2628 lm/m)	796 lm/ft (2611 lm/m)	784 lm/ft (2572 lm/m)	22 ft 11 in. (7 m)	✓	N/A	N/A
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85.0	78.2 lm/ft (257 lm/m)	72.3 lm/ft (237 lm/m)	60 lm/ft (200 lm/m)	32.8 ft (10 m)	✓	✓	✓
3.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	80.0	220.8 lm/ft (725 lm/m)	205.0 lm/ft (670 lm/m)	168.0 lm/ft (551.2 lm/m)	32.8 ft (10 m)	✓	✓	✓
6.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	75.0	415 lm/ft (1,362 lm/m)	382.5 lm/ft (1255 lm/m)	315.0 lm/ft (1033.5 lm/m)	32.8 ft (10 m)	✓	✓	✓

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel		
									IP20	IP65	IP68
3.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	91	257 lm/ft (842 lm/m) All LEDs at 100%	254 lm/ft (833 lm/m) All LEDs at 100%	251 lm/ft (824 lm/m) All LEDs at 100%	26 ft 3 in. (8 m)	✓	N/A	N/A
3.0 RGBA Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBA	78	257 lm/ft (842 lm/m) All LEDs at 100%	254 lm/ft (833 lm/m) All LEDs at 100%	251 lm/ft (824 lm/m) All LEDs at 100%	26 ft 3 in. (8 m)	✓	N/A	N/A
6.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	91	513 lm/ft (1684 lm/m) All LEDs at 100%	518 lm/ft (1699 lm/m) All LEDs at 100%	502 lm/ft (1648 lm/m) All LEDs at 100%	22 ft 11 in. (7 m)	✓	N/A	N/A
6.0 RGBA Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBA	80	513 lm/ft (1684 lm/m) All LEDs at 100%	518 lm/ft (1699 lm/m) All LEDs at 100%	502 lm/ft (1648 lm/m) All LEDs at 100%	22 ft 11 in. (7 m)	✓	N/A	N/A
12.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	79	891 lm/ft (2924 lm/m) All LEDs at 100%	882 lm/ft (2893 lm/m) All LEDs at 100%	872 lm/ft (2862 lm/m) All LEDs at 100%	14 ft 9 in. (4.5 m)	✓	N/A	N/A
12.0 RGBA Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBA	75	891 lm/ft (2924 lm/m) All LEDs at 100%	882 lm/ft (2893 lm/m) All LEDs at 100%	872 lm/ft (2862 lm/m) All LEDs at 100%	14 ft 9 in. (4.5 m)	✓	N/A	N/A
4.4 RGBW	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	65	263.1 lm/ft (863 lm/m) All LEDs at 100%	243.95 lm/ft (799.85 lm/m) All LEDs at 100%	200.9 lm/ft (658.7 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
4.4 RGBA	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	33	133.6 lm/ft (438.1 lm/m) All LEDs at 100%	243.95 lm/ft (799.85 lm/m) All LEDs at 100%	200.9 lm/ft (658.7 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
5.5 4-in-1 RGBW	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	51	305 lm/ft (1000.3 lm/m) All LEDs at 100%	237.15 lm/ft (777.75 lm/m) All LEDs at 100%	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
5.5 4-in-1 RGBA	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	27	161.5 lm/ft (529.6 lm/m) All LEDs at 100%	237.15 lm/ft (777.75 lm/m) All LEDs at 100%	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
4.4 5-in-1 RGBWW	2.46 in. (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW	59	241.4 lm/ft (792.1 lm/m) All LEDs at 100%	220.7 lm/ft (724.0 lm/m) All LEDs at 100%	194.7 lm/ft (638.8 lm/m) All LEDs at 100%	16 ft 4 in (5 m)	✓	N/A	N/A
8.8 5-in-1 RGBWW	2.46 in. (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW	50	409.2 lm/ft (1342.6 lm/m) All LEDs at 100%	374.0 lm/ft (1227.1 lm/m) All LEDs at 100%	330.0 lm/ft (1082.7 lm/m) All LEDs at 100%	11 ft 6 in (3.5 m)	✓	N/A	N/A
8.8 RGBW	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	43	344.08 lm/ft (1127.92 lm/m) All LEDs at 100%	317.9 lm/ft (1042.1 lm/m) All LEDs at 100%	261.8 lm/ft (858.2 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGBA	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBA	22	344.08 lm/ft (1127.92 lm/m) All LEDs at 100%	317.9 lm/ft (1042.1 lm/m) All LEDs at 100%	261.8 lm/ft (858.2 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	33.5	30.8 lm/ft (101.2 lm/m)	28.5 lm/ft (93.5 lm/m)	23.5 lm/ft (77 lm/m)	16 ft 5.64 in. (5.02 m)	N/A	N/A	✓ IP67
			Green	82	75.4 lm/ft (247.5 lm/m)	69.7 lm/ft (228.7 lm/m)	57.4 lm/ft (188.3 lm/m)				
			Blue	15.5	14.2 lm/ft (46.7 lm/m)	13.2 lm/ft (43.2 lm/m)	10.8 lm/ft (35.6 lm/m)				
			White	103	94.8 lm/ft (310.9 lm/m)	87.6 lm/ft (287.3 lm/m)	72.1 lm/ft (236.6 lm/m)				
			All	40	222.8 lm/ft (730.8 lm/m)	205.8 lm/ft (675.2 lm/m)	169.5 lm/ft (556.1 lm/m)				
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	263.1 lm/ft (863 lm/m)	244.8 lm/ft (803.25 lm/m)	201.6 lm/ft (661.5 lm/m)	16 ft 4 in. (5 m)	✓	✓	✓

DIODE VISIBILITY CHART (Data below applies to installations with Milky lens only)

 No Visible Diode = N									 With Visible Diode = Y								
Static White & Static Color RibbonLyte			Static White Double Row	Color Changing RibbonLyte													
0.75/1.5/2.2	3.0/4.4	5.0/6.0	3.0/6.0/12.0	4.4 RGBW Series 2	5.5 RGBW Series 2	8.8 RGBW Series 2	3.0/6.0/12.0 RGBW/A Double Row	4.4 RGBW/A	5.5 4-in-1 RGBW/A		4.4 5-in-1 RGBWW	8.8 5-in-1 RGBWW	8.8 RGBW/A	Warm Dim	Variable White Series 2	3.0/6.0/12.0 Variable White Double Row	RGBW Addressable
IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20	IP20	IP65 IP68	IP20	IP20	IP20 IP65 IP68	IP20 IP65	IP68	IP20	IP20	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20	IP67
N	N	N	N	N	N	N	N	Y	N	Y	N	N	N	N	N	N	N

AVAILABLE DRIVERS

NON-DIMMING ELECTRONIC DRIVERS



30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers

Part No.:

- DRVW2430 (30 Watt)
- DRVW2460 (60 Watt)
- DRVW2496 (96 Watt)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
UL Listed



240W, 320W Non-Dimming Electronic Drivers

Part No.:

- DRVW24240 (240 Watt)
- DRVW24320 (320 Watt)

Output Voltage: 24 V
Voltage Range: 90-305 VAC
IP Rating: Dry or Damp
UL Recognized

ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS



60W, 96W, 150W, 300W ELV/MLV Dimmable Drivers

Part No.:

- DRVW2460ELVMLV (60 Watt)
- DRVW2496ELVMLV (96 Watt)
- DRVW24150ELVMLV (150 Watt)
- DRVW24300ELVMLV (300 Watt)

Line Voltage Dimmable Drivers
Output Voltage: 24 V
Voltage Range: 100-277 VAC
IP Rating: IP67
Dimmable
UL, CE, and CSA Listed



LUTRON Skylark Contour Dimmer

Part No.: TRIDIMSKY
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Single pole and 3-way versions
- Compatible with Acolyte MLV drivers
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON NOVA-T Dimmer

Part No.: TRIDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON DIVA Dimmer

Part No.: TRIDIMDIVA
(With Locator Light) TRIDIMDIVAL
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish
- Available with locator light which glows green when the switch is off

Note: For more options, please reference the Optional Dimmer List on Acolyte product website page.

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V DRIVERS AND DIMMERS



0-10V Dimmable Waterproof Drivers

96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P
Output Voltage: 24 V (+/- 0.5V)
Voltage Range: 100-277 VAC
Environmental Rating: UL Wet Location
UL Listed



LUTRON DIVA Dimmer

Part No.: LVDIMDIVA
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish



LUTRON NOVA-T Dimmer

Part No.: LVDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



0-10V Dimmable 90W VW/WD Driver

- Part No.: DRVRFWDVW2490120
- 0-10V Constant Voltage driver
 - Compatible with 0-10V dimming systems
 - Use for Variable White, Warm Dim or Static White
 - No minimum load requirement
 - Driver can be loaded to maximum wattage
 - Meets CEC Title 24 Section JA8 flicker requirements
 - Superior flicker-free dimming to 0.1%
 - UL Listed Class 2 driver
 - Integrated junction box
 - Wiring compartments with knockouts for safety

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



GLASS TOUCH WALL CONTROLLERS

Part Number: AWCRGBWWBK
AWCVWBK



1 ZONE WALL CONTROLLER

Part Number: DMXCTRLG



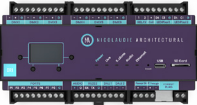
5 ZONE WALL CONTROLLER

Part Number: DMXCTRL



10 ZONE WALL CONTROLLER

Part Number: DMXCTRLD



2 UNIVERSE DMX CONTROLLER

Part Number: DMXCTRLDR2U



4 CHANNEL WATERPROOF DMX INTERFACE

Part Number: DMXINFWLCD4



5 CHANNEL DMX INTERFACE

Part Number: DMXINFLCD5



DMX OPTO SPLITTER

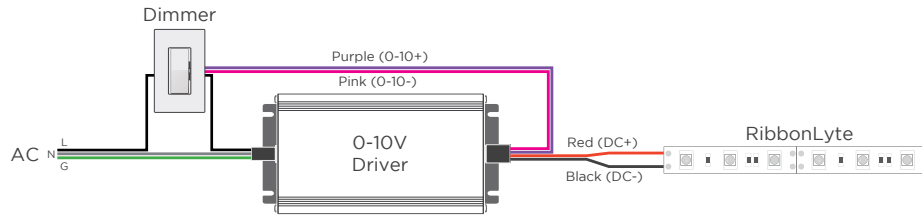
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DRIVER AND RIBBONLYTE AT FULL LOAD

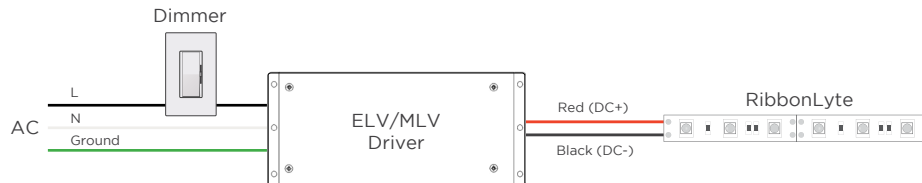
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Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG	35	10.67	23	7.01	14	4.27	9	2.74	7	2.13	5.75	1.75	4.5	1.37	4.25	1.30
18 AWG	56	17.07	37	11.28	23	7.01	15	4.57	11	3.35	9	2.74	7.5	2.29	7	2.13
16 AWG	90	27.44	60	18.29	37	11.28	24	7.32	18	5.49	15	4.57	12	3.66	11	3.35
14 AWG	142	43.29	95	28.96	59	17.99	38	11.59	28	8.54	23	7.01	19	5.79	17	5.18
12 AWG	226	68.90	151	46.04	94	28.66	60	18.29	45	13.72	37	11.28	30	9.15	28	8.54
10 AWG	360	109.76	240	73.17	150	45.73	96	29.27	72	21.95	60	18.29	48	14.63	45	13.72
8 AWG	574	175.00	381	116.16	239	72.87	153	46.65	115	35.06	95	28.96	76	23.17	71	21.65

WIRING DIAGRAMS

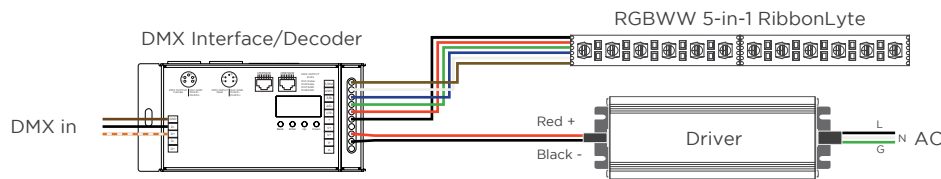
0-10V



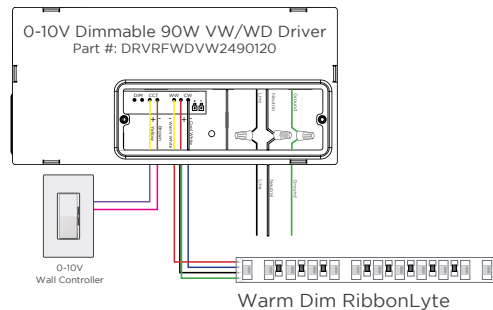
MLV / ELV



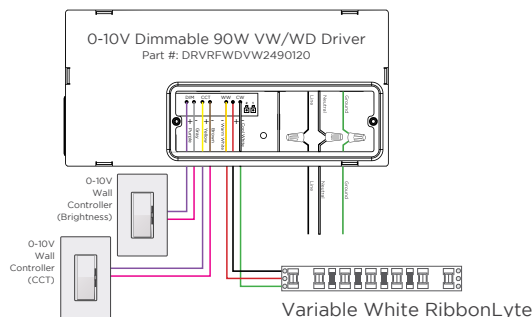
DMX



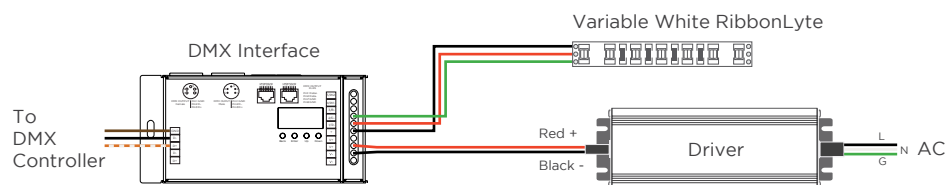
WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



DMX WIRING DIAGRAM - COMPATIBLE WITH ALL MODELS OF VARIABLE WHITE RIBBONLYTE



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR

Red Wire (+) Positive
Black Wire (-) Negative

RGBW + RGBA

Black Wire (+) Positive
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

RGBWW

Black (+) Positive
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel 1
Brown Wire (-) goes to White Channel 2

WARM DIM

Red Wire (-) goes to Warm White Channel
Blue Wire (-) goes to Cool White Channel
Black Wire (+) goes to Warm White Channel
Green Wire (+) goes to Cool White Channel

VARIABLE WHITE

Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
Green Wire (-) goes to Cool White Channel

WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

One DMX Universe consists of 128 addresses and 512 channels (42 ft, 8 in. of RibbonLyte).

Any single run of RibbonLyte that is less than 16 ft, 4 in. can be wired directly to the controller.

For additional runs, Opto Splitter must be used. Each individual run will need its own Opto Splitter output.

WIRE INDEX

+
PI
A+
B-
GND

