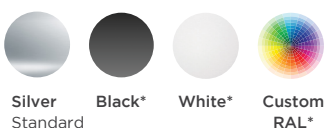


AR1 CHANNEL FIXTURE

Our AR1 Channel Fixture is a recessed fixture with a 115-degree beam angle. We offer the choices of clear, frosted and milky lenses to create a full range of light output and design options. Custom design a fixture for nearly any application with our AR1 Channel Fixture and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 115°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 8.8 W/ft (28.9 W/m)
- Static White delivered lumen range from 44.1 lm/ft (144.6 lm/m) up to 729.4 lm/ft (2392.5 lm/m)
- Assembled in USA

HOUSING FINISHES



*Additional fee applies

AVAILABLE LENS FINISHES

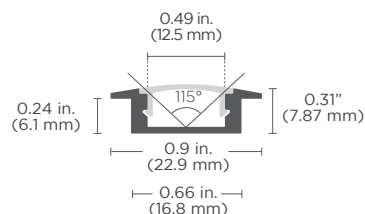


AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

AR1 Channel

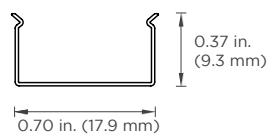


Width: 0.9 in. (22.9 mm)
Height: 0.31 in. (7.87 mm)
Internal Width: 0.49 in. (12.5 mm)

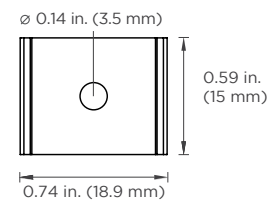
Mounting Clip

Material: stainless steel

Side View



Top View



Width: 0.59 in. (15 mm)
Length: 0.74 in. (18.9 mm)
Height: 0.37 in. (9.3 mm)

NOTE:

1. This channel does not require mounting clips. Please see our installation guide for instructions.
2. **Exterior channel applications** should be securely attached to the mounting surface with appropriate screws and/or liquid nails.
3. Acolyte strongly recommends field assembly for exterior applications.



RoHS

Declare.



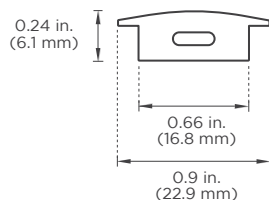
SPECIFICATIONS

Beam Angle	115°
Lens Type	Clear Lens, Frosted Lens, Milky Lens
Length	Channel is sold by the foot and cut to your exact desired length
Operating Voltage	24 V
Dimming	MLV / 0-10 Volt / ELV / DALI / DMX / CASAMBI
Operating Temperature	-40 — 158 °F (-40 — 70 °C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, Pixel RGB, RGBW, RGBWW, RGBA, VW, Warm Dim (1800K, 2000K, 2200K, Pixel RGB only available in IP20)
CRI	90+ CRI (for Static White LEDs only)
Lifetime (L70 reported)	50,000 hours
MacAdam ellipse (SDCM)	2-Step Binning (for Static White LEDs only)
Certifications	UL 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 Luminaries; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant

ACCESSORIES

End Caps

Material: ABS



End Cap without hole



End Cap with hole



ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHAR1		
CHAR1 - AR1 Channel	C - Clear Lens* F - Frosted Lens M - Milky Lens * Clear lens is the default option if not specified.	SV - Silver (default) BK - Black** WH - White** ** Additional fee applies 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 90 - 90+ CRI Static White	SWS220 - Static White Series 2 IP20 SWS265 - Static White Series 2 IP65 SWS268 - Static White Series 2 IP68 SWS269 - Static White Series 2 IP69 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65 SCS268 - Static Color Series 2 IP68 SCS269 - Static Color Series 2 IP69	LINEA20 - Linea RibbonLyte IP20 XACTA20 - Xacta RibbonLyte IP20 VWS220 - VW Series 2 IP20 VWS265 - VW Series 2 IP65 VWS268 - VW Series 2 IP68 VWS269 - VW Series 2 IP69	RGBWW20 - RGBWW 5-in-1 IP20 RGBWS220 - RGBW Series 2 IP20 RGBWS265 - RGBW Series 2 IP65 RGBADD - Pixel RGB IP20 WD20 - Warm Dim IP20 WD65 - Warm Dim IP65

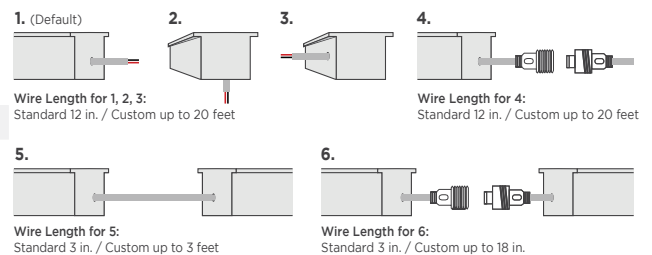
NOTE: To ensure waterproofing standards are met, IP65, IP68 and IP69 RibbonLyte can NOT be cut in the field.

WATTAGE	COLOR
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, Variable White) 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color) 2.4 - 2.4 W/ft (8 W/m - Static White Linea) 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White) 4.3 - 4.3 W/ft (14 W/m - Static White Linea) 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA) 4.5 - 4.5 W/ft (14.8 W/m - Static White, Variable White) 5.0 - 5.0 W/ft (16.4 W/m - IP20/IP65 Static White, IP20/IP65 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 - IP20/IP65 Static White, IP20/IP65 Static Color, Variable White) 6.1 - 6.1 W/ft (20 W/m - Variable White Linea, Pixel RGB) 8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW)	18 - 1800K 20 - 2000K 22 - 2200K 24 - 2400K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 60 - 6000K R - Red A - Amber G - Green B - Blue RGB27 - Red, Green, Blue + 2700K RGB30 - Red, Green, Blue + 3000K RGB40 - Red, Green, Blue + 4000K RGB2465 - Red, Green, Blue + 2400K + 6500K RGBA - Red, Green, Blue + Amber RGBS - Pixel RGB (SPI) VW - Variable White 2000K-6500K VW1833 - Variable White 1800K-3300K (IP20) 2920 - Warm Dim 2900K-2000K (IP20) 1830 - Warm Dim 3000K-1800K (IP20) 2721 - Warm Dim 2700K-2100K (IP65/IP68/IP69) Z - Undecided (For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

Custom Length (ft.)

- | | |
|------------------------------------|-------------------------------------|
| 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 |



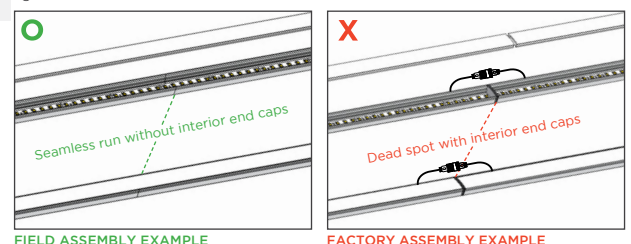
STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION LENGTH (Standard factory assembled length up to 6 ft 6.7 in. / 2 m)

- FI** - Field Assembly
FA - Factory Assembly*** (not recommended for exterior applications)

*** Factory assembled runs exceeding 6 ft 6.7 in. (2 m) will be split into multiple daisy chained fixtures.

DO NOT BUTT END CAPS AGAINST EACH OTHER WHEN CREATING LONGER FIXTURES
 Acolyte STRONGLY SUGGESTS field assembly (without using interior end caps) for direct-view fixtures of more than 6 ft 6.7 in. (2 m) in length. Field assembly without interior end caps will eliminate gaps or dead spots that can be caused by butting interior end caps against each other.





RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Incremental Length	LED Pitch	Color Temp.	Delivered Lumens with Clear Lens		Delivered Lumens with Frosted Lens		Delivered Lumens with Milky Lens		Max Length	Compatible with Channel			
				lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m		IP20	IP65	IP68	IP69
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	58	190.3	53.6	175.8	44.1	144.6	IP20: 49 ft (15 m) IP65: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	68.3	224	63.1	207	52	170.6					
			2200K	75.2	246.7	69.5	228	57.2	187.6					
			2400K	78	255.8	72	236.2	59.3	194.5					
			2700K	84.9	278.5	78.4	257.2	64.6	211.9					
			3000K	84.9	278.5	78.4	257.2	64.6	211.9					
			3500K	89.7	294.2	82.9	272	68.3	224					
			4000K	92.5	303.4	85.4	280.1	70.4	230.9					
			6000K	90.4	296.5	83.5	273.9	68.8	225.7					
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	115.9	380.2	107.1	351.3	88.2	289.3	IP20: 49 ft (15 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	135.2	443.5	125	410	102.9	337.5					
			2200K	150.4	493.3	139	455.9	114.5	375.6					
			2400K	155.9	511.4	144.1	472.6	118.7	389.3					
			2700K	169.7	556.6	156.8	514.3	129.2	423.8					
			3000K	169.7	556.6	156.8	514.3	129.2	423.8					
			3500K	178	583.8	164.5	539.6	135.5	444.4					
			4000K	184.9	606.5	170.9	560.6	140.7	461.5					
			6000K	180.8	593	167	547.8	137.6	451.3					
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	168	51	155.2	509.1	127.8	419.2	IP20: 42 ft (12.8 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	194.3	637.3	179.5	588.8	147.8	484.8					
			2200K	214.5	703.6	198.2	650.1	163.2	535.3					
			2400K	224.7	737	207.6	680.9	170.9	560.6					
			2700K	242.9	796.7	224.4	736	184.8	606.1					
			3000K	246.9	809.8	228.1	748.2	187.9	616.3					
			3500K	257	843	237.5	779	195.6	641.6					
			4000K	269.2	883	248.7	779	204.8	671.7					
			6000K	259.1	849.8	239.4	785.2	197.1	646.5					
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	231.8	760.4	214.2	702.6	176.4	578.6	IP20: 36 ft (11 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	270.5	887.2	249.9	819.7	205.8	675					
			2200K	298.1	977.7	275.4	903.3	226.8	743.9					
			2400K	303.1	994.1	280.1	918.6	230.6	756.5					
			2700K	339.6	1114	313.5	1028.1	258.1	846.7					
			3000K	359.1	1177.9	331.4	1087.1	273	895.3					
			3500K	367.5	1205.3	339.2	1112.4	279.3	916.1					
			4000K	367.5	1205.3	339.2	1112.4	279.3	916.1					
			6000K	350.8	1150.5	323.7	1061.8	266.6	874.5					
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	327.9	1075.5	302.9	993.6	249.5	818.3	28 ft 4 in. (8.64 m)	✓	✓	✓	✓
			2000K	384.6	1261.4	355.3	1165.4	292.6	959.7					
			2200K	425	1394.1	392.7	1288.1	323.4	1060.8					
			2400K	441.2	1447	407.7	1337.1	335.7	1101.2					
			2700K	494.4	1621.6	456.3	1496.6	375.8	1232.5					
			3000K	522.8	1714.7	482.5	1582.5	397.3	1303.2					
			3500K	534.9	1754.5	493.7	1619.3	406.6	1333.5					
			4000K	534.9	1754.5	493.7	1619.3	406.6	1333.5					
			6000K	510.6	1674.8	471.2	1545.7	388.1	1272.9					
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	381.8	1252.3	352.8	1157	290.5	952.8	IP20: 33 ft 4 in. (10.1 m) IP65: 32.8 ft (10 m)	✓	✓		
			2000K	450.8	1478.6	416.5	1366.1	343	1125					
			2200K	492.2	1614.4	454.8	1491.6	374.5	1228.4					
			2400K	505.1	1656.8	466.8	1531	384.4	1260.8					
			2700K	566.1	1856.7	522.4	1713.6	430.2	1411.2					
			3000K	598.5	1963.2	552.4	1811.9	454.9	1492.1					
			3500K	612.5	2008.9	565.3	1854	465.5	1526.8					
			4000K	612.5	2008.9	565.3	1854	465.5	1526.8					
			6000K	584.6	1917.6	539.6	1769.7	444.3	1457.4					
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	452.6	1484.7	418.2	1371.7	344.4	1129.6	28 ft (8.5 m)	✓	✓		
			2000K	524.4	1720	484.5	1589.2	399.0	1308.7					
			2200K	585.1	1919.2	540.6	1773.2	445.2	1460.3					
			2400K	601.6	1973.2	555.9	1823.4	457.8	1501.6					
			2700K	674.2	2211.3	622.2	2040.8	512.4	1680.7					
			3000K	712.9	2338.2	657.9	2157.9	541.8	1777.1					
			3500K	729.4	2392.5	673.2	2208.1	554.4	1818.4					
			4000K	729.4	2392.5	673.2	2208.1	554.4	1818.4					
			6000K	696.3	2283.8	642.6	2107.7	529.2	1735.8					



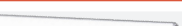
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Incremental Length	LED Pitch	Color Temp.	Delivered Lumens with Clear Lens		Delivered Lumens with Frosted Lens		Delivered Lumens with Milky Lens		Max Length	Compatible with Channel			
				lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m		IP20	IP65	IP68	IP69
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	58	190.3	53.6	175.8	44.1	144.6	IP20: 49 ft (15 m) IP65: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	68.3	224	63.1	207	52	170.6					
			2200K	75.2	246.7	69.5	228	57.2	187.6					
			2400K	78	255.8	72	236.2	59.3	194.5					
			2700K	84.9	278.5	78.4	257.2	64.6	211.9					
			3000K	84.9	278.5	78.4	257.2	64.6	211.9					
			3500K	89.7	294.2	82.9	272	68.3	224					
			4000K	92.5	303.4	85.4	280.1	70.4	230.9					
			6000K	90.4	296.5	83.5	273.9	68.8	225.7					
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	115.9	380.2	107.1	351.3	88.2	289.3	IP20: 49 ft (15 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	135.2	443.5	125	410	102.9	337.5					
			2200K	150.4	493.3	139	455.9	114.5	375.6					
			2400K	155.9	511.4	144.1	472.6	118.7	389.3					
			2700K	169.7	556.6	156.8	514.3	129.2	423.8					
			3000K	169.7	556.6	156.8	514.3	129.2	423.8					
			3500K	178	583.8	164.5	539.6	135.5	444.4					
			4000K	184.9	606.5	170.9	560.6	140.7	461.5					
			6000K	180.8	593	167	547.8	137.6	451.3					
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	168	51	155.2	509.1	127.8	419.2	IP20: 42 ft (12.8 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	194.3	637.3	179.5	588.8	147.8	484.8					
			2200K	214.5	703.6	198.2	650.1	163.2	535.3					
			2400K	224.7	737	207.6	680.9	170.9	560.6					
			2700K	242.9	796.7	224.4	736	184.8	606.1					
			3000K	246.9	809.8	228.1	748.2	187.9	616.3					
			3500K	257	843	237.5	779	195.6	641.6					
			4000K	269.2	883	248.7	779	204.8	671.7					
			6000K	259.1	849.8	239.4	785.2	197.1	646.5					
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	231.8	760.4	214.2	702.6	176.4	578.6	IP20: 36 ft (11 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	270.5	887.2	249.9	819.7	205.8	675					
			2200K	298.1	977.7	275.4	903.3	226.8	743.9					
			2400K	303.1	994.1	280.1	918.6	230.6	756.5					
			2700K	339.6	1114	313.5	1028.1	258.1	846.7					
			3000K	359.1	1177.9	331.4	1087.1	273	895.3					
			3500K	367.5	1205.3	339.2	1112.4	279.3	916.1					
			4000K	367.5	1205.3	339.2	1112.4	279.3	916.1					
			6000K	350.8	1150.5	323.7	1061.8	266.6	874.5					
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	327.9	1075.5	302.9	993.6	249.5	818.3	28 ft 4 in. (8.64 m)	✓	✓	✓	✓
			2000K	384.6	1261.4	355.3	1165.4	292.6	959.7					
			2200K	425	1394.1	392.7	1288.1	323.4	1060.8					
			2400K	441.2	1447	407.7	1337.1	335.7	1101.2					
			2700K	494.4	1621.6	456.3	1496.6	375.8	1232.5					
			3000K	522.8	1714.7	482.5	1582.5	397.3	1303.2					
			3500K	534.9	1754.5	493.7	1619.3	406.6	1333.5					
			4000K	534.9	1754.5	493.7	1619.3	406.6	1333.5					
			6000K	510.6	1674.8	471.2	1545.7	388.1	1272.9					
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	381.8	1252.3	352.8	1157	290.5	952.8	IP20: 33 ft 4 in. (10.1 m) IP65: 32.8 ft (10 m)	✓	✓		
			2000K	450.8	1478.6	416.5	1366.1	343	1125					
			2200K	492.2	1614.4	454.8	1491.6	374.5	1228.4					
			2400K	505.1	1656.8	466.8	1531	384.4	1260.8					
			2700K	566.1	1856.7	522.4	1713.6	430.2	1411.2					
			3000K	598.5	1963.2	552.4	1811.9	454.9	1492.1					
			3500K	612.5	2008.9	565.3	1854	465.5	1526.8					
			4000K	612.5	2008.9	565.3	1854	465.5	1526.8					
			6000K	584.6	1917.6	539.6	1769.7	444.3	1457.4					
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	452.6	1484.7	418.2	1371.7	344.4	1129.6	28 ft (8.5 m)	✓	✓		
			2000K	524.4	1720	484.5	1589.2	399.0	1308.7					
			2200K	585.1	1919.2	540.6	1773.2	445.2	1460.3					
			2400K	601.6	1973.2	555.9	1823.4	457.8	1501.6					
			2700K	674.2	2211.3	622.2	2040.8	512.4	1680.7					
			3000K	712.9	2338.2	657.9	2157.9	541.8	1777.1					
			3500K	729.4	2392.5	673.2	2208.1	554.4	1818.4					
			4000K	729.4	2392.5	673.2	2208.1	554.4	1818.4					
			6000K	696.3	2283.8	642.6	2107.7	529.2	1735.8					

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Incremental Length	LED Pitch	Color Temp.	Delivered Lumens with Clear Lens		Delivered Lumens with Frosted Lens		Delivered Lumens with Milky Lens		Max Length	Compatible with Channel			
				lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m		IP20	IP65	IP68	IP69
1.5 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	1800K	110.2	361.6	101.8	334.1	83.9	275.1	32.74 ft (9.98 m)	✓	n/a	n/a	n/a
			2000K	130.1	426.8	120.2	394.3	99	324.7					
			2200K	142.7	468.3	131.9	432.6	108.6	356.3					
			2400K	148.2	486.1	136.9	449.1	112.7	369.8					
			2700K	168	551.3	155.3	509.3	127.9	419.4					
			3000K	175.3	575	161.9	531.2	133.4	437.5					
			3500K	180.7	592.8	166.9	547.7	137.5	451					
			4000K	177.1	580.9	163.6	536.7	134.7	442					
			6000K	173.5	569.0	160.3	525.7	132	433					
3.0 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	1800K	196.3	643.9	181.3	594.9	149.3	489.9	23.62 ft (7.2 m)	✓	n/a	n/a	n/a
			2000K	231.6	760	214	702.2	176.2	578.3					
			2200K	254.2	833.9	234.8	770.5	193.4	634.5					
			2400K	263.8	865.6	243.7	799.7	200.7	658.6					
			2700K	299.2	981.7	276.4	907	227.7	747					
			3000K	312.1	1023.9	288.3	946	237.4	779.1					
			3500K	321.7	1055.6	297.2	975.3	244.8	803.2					
			4000K	315.3	1034.5	291.3	955.8	239.9	787.1					
			6000K	308.9	1013.4	285.4	936.3	235	771.1					
4.5 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	1800K	299.6	983	276.8	908.2	228	747.9	19.03 ft (5.8 m)	✓	n/a	n/a	n/a
			2000K	353.7	1160.3	326.7	1072	269.1	882.8					
			2200K	388	1273.1	358.5	1176.2	295.2	968.6					
			2400K	402.8	1321.4	372.1	1220.9	306.5	1005.4					
			2700K	456.8	1498.7	422	1384.6	347.6	1140.3					
			3000K	476.5	1563.1	440.2	1444.2	362.5	1189.3					
			3500K	491.2	1611.5	453.8	1488.9	373.7	1226.1					
			4000K	481.4	1579.2	444.7	1459.1	366.3	1201.6					
			6000K	471.5	1547	435.7	1429.3	358.8	1177.1					
1.5 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	189.1	620.4	174.7	573.2	143.9	472	32.15 ft (9.8 m)	✓	n/a	n/a	n/a
3.0 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	371.1	1217.7	342.9	1125.1	282.4	926.5	22.31 ft (6.8 m)	✓	n/a	n/a	n/a
4.5 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	524.2	1719.8	484.3	1588.9	398.9	1308.5	19.03 ft (5.8 m)	✓	n/a	n/a	n/a
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	78.2	257	72.3	237	60	200	32.8 ft (10 m)	✓	✓	✓	✓
3.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	220.8	725	205	670	168	551.2	32.8 ft (10 m)	✓	✓	✓	✓
6.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	415	1,362	382.5	1255	315	1033.5	19 ft 8 in. (6 m)	✓	✓	✓	✓
6.1 Pixel RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB (All on)	114.54	375.36	105.83	346.8	87.15	285.6	24 ft 7.2 in. (7.5 m)	✓	n/a	n/a	n/a
4.4 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW (All on)	188.1	617.2	168.3	552.2	148.5	487.2	19 ft 8 in. (6 m)	✓	n/a	n/a	n/a
5.5 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW (All on)	308.8	1013	275.8	904.9	243.3	798.5	IP65: 16 ft 4 in. (5 m) IP68: 19 ft 7.9 in. (6 m)	n/a	✓		
8.8 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW (All on)	510.2	1673.8	456.3	1497.1	402.6	1320.9	16 ft 4 in. (5 m)	✓	n/a	n/a	n/a
4.4 5-in-1 RGBWW	2.46 in. (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW (All on)	241.4	792.1	220.7	724	194.7	638.8	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 (All on)	409.2	1342.6	374	1227.1	330	1082.7	11 ft 6 in (3.5 m)	✓	n/a	n/a	n/a
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	263.1	863	244.8	803.25	201.6	661.5	16 ft 4 in. (5 m)	✓	✓		

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

 No Visible Diode = N Note: Linea RibbonLyte has no visible diode					 With Visible Diode = Y						
Static White & Static Color Series 2			Static White & Static Color Xacta		RGBW & RGBA Series 2		5-in-1 RGBWW	5-in-1 RGBWW	Pixel RGB	Variable White Series 2	Warm Dim
0.75/1.5/2.2/3.0			1.5/3.0/4.5		4.4/8.8		4.4	8.8	6.1	1.0/3.0/6.0	5.2
IP20/IP65/IP68/IP69			IP20		IP20		IP20	IP20	IP20	IP20/IP65/IP68/IP69	IP20/IP65
Y			N		Y		Y	Y	Y	Y	Y

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V/ELV/MLV 3-IN-1	ELV	0-10V VW/WD	COMPACT
			
60W, 96W, 288W 0-10V/ELV/MLV 3-in-1 Dimmable Drivers Part No.: • DRVW2460TRI010 (60 W) • DRVW2496TRI010 (96 W) • DRVW24288TRI010 (288 W) 24 VDC 120-277 VAC IP65, dry/damp/wet locations UL Listed	60W Dimmable Driver Part No.: • DRVW2460ELV 24 VDC 100-130 VAC Fits in single-gang switch boxes IP20, dry locations UL Recognized	0-10V Dimmable 90W VW/WD Driver Part No.: • DRVRFWDVW2490120 24 VDC 100-277 VAC IP23, dry/damp locations UL Listed	60W, 96W Non-Dimming Compact Drivers Part No.: • DRV2460C (60 W) • DRV2496C (96 W) 24 VDC 120-277 VAC IP20, dry locations UL Class P
ATHENA WIRELESS COMPATIBLE	CASAMBI COMPATIBLE DRIVERS	DIMMABLE DALI-2 DRIVERS	DIMMABLE DALI-2 DRIVERS
			
94W Athena Wireless Compatible Drivers Part No.: • DRVW2494ATH1CH (1 channel) • DRVW2494ATH2CH (2 channel) 24 VDC 100-277 VAC Dry locations UL Listed	100W & 200W Casambi Compatible 4 Channel Drivers Part No.: • DRVW24100CAS4CH (100 W) • DRVW24200CAS4CH (200 W) 24 VDC 100-277 VAC IP66, dry/damp/wet locations UL Listed, CE, RoHS, Bluetooth, CASAMBI	96W DIMMABLE DALI-2 DT6 D4I & DALI-2 DT8 D4I DRIVERS Part No.: • DRVW2496DALI1CH (1 channel) • DRVW2496DALI2CH (2 channel) 24-26 VDC 120-277 VAC IP67, dry/damp/wet locations UL Listed	75W, 150W, 240W DALI-2 Dimmable Drivers Part No.: • DRVW2475DALI1CH (75 W, 1 channel) • DRVW24150DALI1CH (150 W, 1 channel) • DRVW24240DALI1CH (240 W, 1 channel) • DRV24150DALI2CH (150 W, 2 channels) • DRV24150DALI4CH (150 W, 4 channels) 24 VDC 120-277 VAC IP67, damp/wet locations (1-channel drivers only) IP20, dry location (2-channel & 4-channel drivers only) CE, RoHS, SELV

DMX CONTROLLERS, VARIABLE WHITE DIMMER, WARM DIM DIMMER - FOR COLOR CHANGING FIXTURES

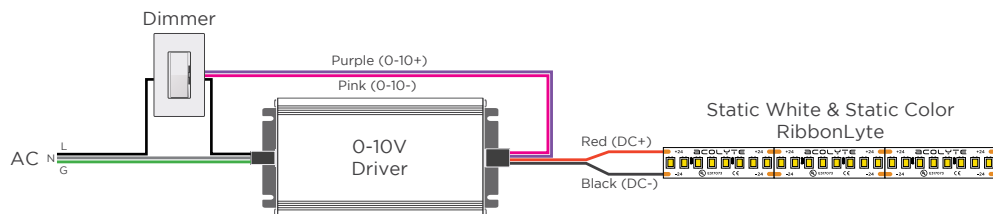
				
GLASS TOUCH WALL CONTROLLERS Part No.: • AWCRCBWWBK • AWCVWBK	1 ZONE WALL CONTROLLER Part No.: DMXCTRLG	5 ZONE WALL CONTROLLER Part No.: DMXCTRL	10 ZONE WALL CONTROLLER Part No.: DMXCTRLD	6 UNIVERSE DMX CONTROLLER Part No.: DMXCTRLDR6U
				
VARIABLE WHITE DIMMER Part No.: • RFDIMVWWH (White) • RFDIMVWBK (Black)	WARM DIM DIMMER Part No.: • RFDIMVDWH (White) • RFDIMVDBK (Black)	4 CHANNEL WATERPROOF DMX INTERFACE Part No.: DMXINFWLC4D	5 CHANNEL DMX DECODER Part No.: DMXINF5	DMX OPTO SPLITTER Part No.: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

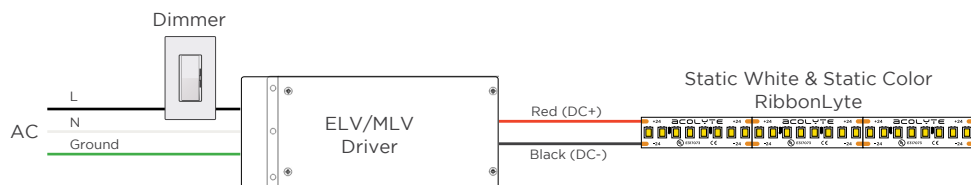
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG / 0.5 mm ²	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 / 0.75 mm ²	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 / 1.5 mm ²	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 / 2.5 mm ²	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 / 4 mm ²	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 / 6 mm ²	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 / 10 mm ²	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 - STATIC WHITE / STATIC COLOR / RGBW / RGBA / RGBWW

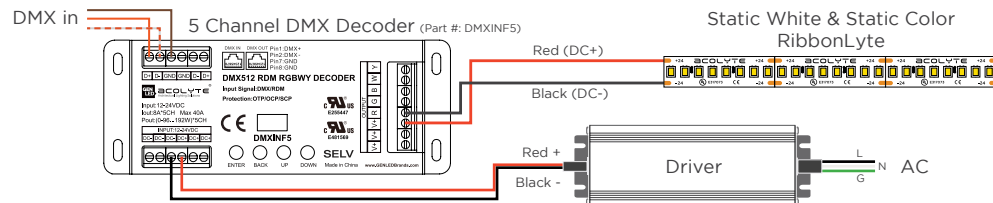
0-10 V



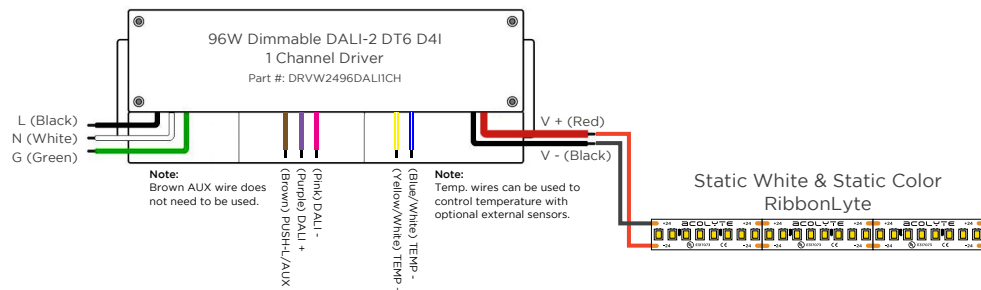
MLV / ELV



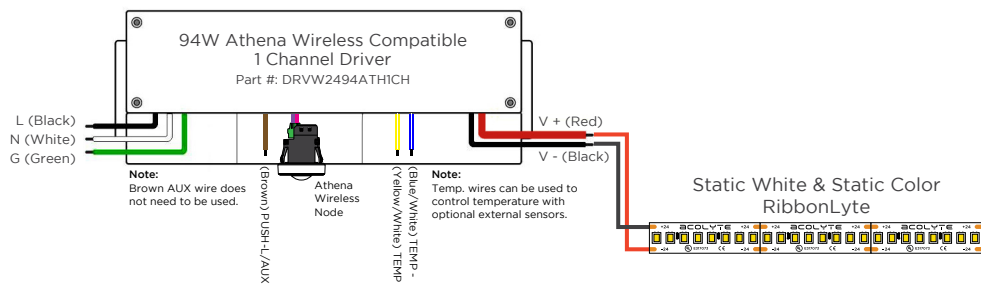
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



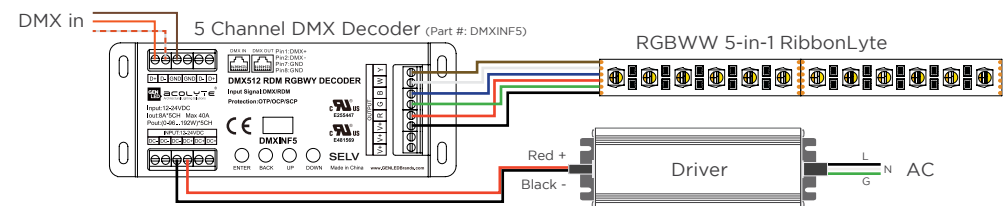
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



STATIC WHITE & STATIC COLOR RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



DMX WITH RGBWW 5-IN-1 RIBBONLYTE



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR

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

RGBW + RGBA

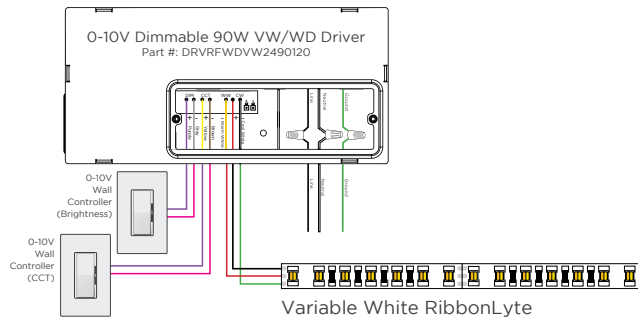
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

RGBWW

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

WIRING DIAGRAMS - VARIABLE WHITE

2-CHANNEL VARIABLE WHITE DIMMING

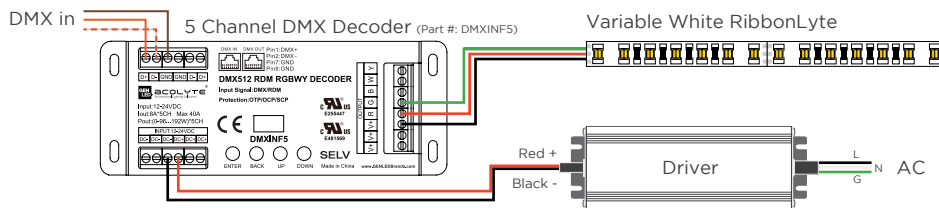


WIRE COLORS PER RIBBONLYTE COLOR

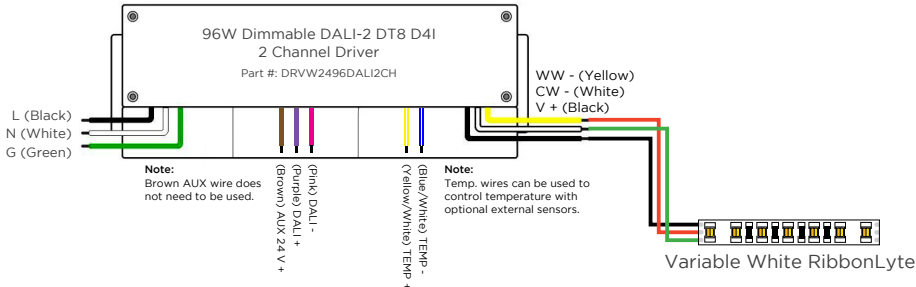
VARIABLE WHITE

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

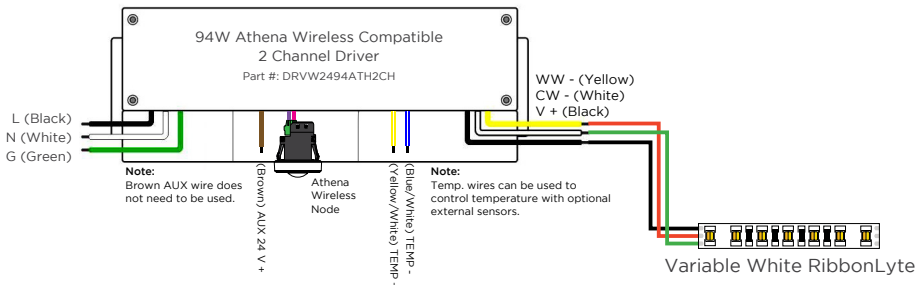
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



REV.29JUN026

GLOBAL HQ

320 Murray Hill Pkwy
East Rutherford, NJ 07073
U.S.
T: (+1) 212 629 6830
E: Sales-US@GENLEDBrands.com

EUROPEAN HQ

Hogeweyselaan 119
1382 JK Weesp
Netherlands
T: (+31) 346 235 000
E: SalesEurope@GENLEDBrands.com

MEINA HQ

PO Box 371378, #823, Building 4EA
Dubai Airport Free Zone
Dubai, UAE
T: (+971) 4 701 7901
E: SalesMEINA@genledbrands.com

ASIA-PACIFIC HQ

Room 402, Building D
Shensi Tongchuang Science and Technology Park
No. 16 Hongyin Road
Xingqiang Community, Xinhua Street
Guangming District, Shenzhen, China 518107
T: (+86) 755 8529 0710
E: Sales-Pacific@GENLEDBrands.com