

AC5 CHANNEL FIXTURE

AC5 Channel Fixture is a large, rounded asymmetrical channel with a 132-degree beam angle that is ideal for a wide, even spread of light. This screw-in or clip-mounted channel is designed for corner and angled applications and includes a choice of frosted or milky lens. Custom design a fixture with our AC5 Channel Fixture and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 132°
- 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
- For interior applications only



RoHS

Declare.



HOUSING FINISHES



Silver

AVAILABLE LENS FINISHES



Frosted Lens
85% Light Transmission



Milky Lens
70% Light Transmission

AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

AC5 Channel	Mounting Clip (Included Accessory)
Width: 1.18 in. (30 mm) Height: 1.18 in. (30 mm) Internal Width: 0.77 in. (19.6 mm)	Material: stainless steel Top View Width: 0.71 in. (18 mm) Length: 1.35 in. (34.3 mm) Height: 1.32 in. (33.5 mm) Side View / Assembled View Note: Each section of channel includes 3 mounting clips.

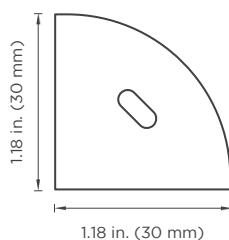
SPECIFICATIONS

Beam Angle	132°
Lens Type	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	24 V
Dimming	MLV / 0-10 Volt / 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, Pixel RGB, RGBW, RGBWW, RGBA, VW, Warm Dim, RGBW Addressable (1800K, 2000K, 2200K, Pixel RGB only available in IP20)
CRI	90+ CRI (for Static White LEDs only)
Lamp Life	L70 at 50,000 hours
MacAdam Ellipses (SDCM)	1-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 Cap

Material: ABS



End Cap without hole



End Cap with hole



Each end cap adds 0.08 in. (2 mm) to the total length of each run.

ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHAC5		SV
CHAC5 - AC5 Channel	F - Frosted Lens M - Milky Lens	SV - Silver

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	RGBWS220 - RGBW Series 2 IP20 RGBWS265 - RGBW Series 2 IP65 RGBWS268 - RGBW Series 2 IP68 RGBWS269 - RGBW Series 2 IP69 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 RGBWADD - Addressable RGBW IP67 RGBADD - Pixel RGB IP20 WD20 - Warm Dim IP20 WD65 - Warm Dim IP65 WD68 - Warm Dim IP68 WD69 - Warm Dim IP69 XACTA20 - Xacta RibbonLyte IP20 LINEA20 - Linea RibbonLyte IP20

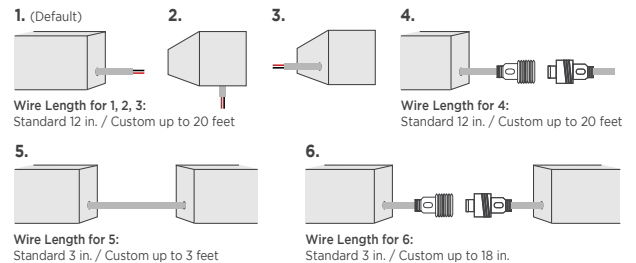
NOTE: To ensure waterproofing standards are met, IP65/IP68/IP69 RibbonLyte can NOT be cut in the field.

WATTAGE	COLOR
0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)	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
1.0 - 1.0 W/ft (3.3 W/m - Variable White)	VW - Variable White 2000K-6500K VW1833 - Variable White 1800K-3300K (IP20)
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color, Variable White)	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 RGBW30 - RGB + 3000K Addressable RGBW40 - RGB + 4000K Addressable RGBW60 - RGB + 6000K Addressable RGBS - Pixel RGB (SPI)
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)	2920 - Warm Dim 2900K-2000K (IP20) 1830 - Warm Dim 3000K-1800K (IP20) 2721 - Warm Dim 2700K-2100K (IP65/IP68/IP69)
2.4 - 2.4 W/ft (8 W/m - Static White Linea)	Z - Undecided (For quotes only. Must be chosen before final order.)
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 - 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 Addressable)	
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)	

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 |

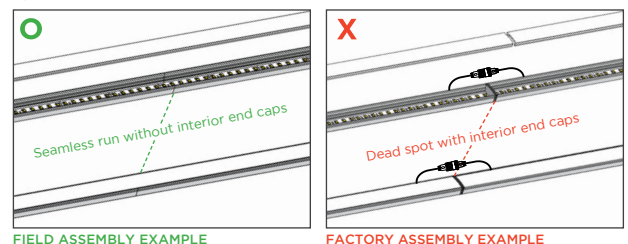


STEP 3 Complete Assembly Option & Length

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 Frosted Lens		Delivered Lumens with Milky Lens		Max Length	Compatible with Channel			
				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	53.6	175.8	44.1	144.6	IP20: 49 ft (15 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	63.1	207	52	170.6					
			2200K	69.5	228	57.2	187.6					
			2400K	72	236.2	59.3	194.5					
			2700K	78.4	257.2	64.6	211.9					
			3000K	78.4	257.2	64.6	211.9					
			3500K	82.9	272	68.3	224					
			4000K	85.4	280.1	70.4	230.9					
			6000K	83.5	273.9	68.8	225.7					
			1800K	107.1	351.3	88.2	289.3	IP20: 49 ft (15 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	125	410	102.9	337.5					
			2200K	139	455.9	114.5	375.6					
			2400K	144.1	472.6	118.7	389.3					
			2700K	156.8	514.3	129.2	423.8					
			3000K	156.8	514.3	129.2	423.8					
			3500K	164.5	539.6	135.5	444.4					
			4000K	170.9	560.6	140.7	461.5					
			6000K	167	547.8	137.6	451.3					
			1800K	155.2	509.1	127.8	419.2	IP20: 42 ft (12.8 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	179.5	588.8	147.8	484.8					
			2200K	198.2	650.1	163.2	535.3					
			2400K	207.6	680.9	170.9	560.6					
			2700K	224.4	736	184.8	606.1					
			3000K	228.1	748.2	187.9	616.3					
			3500K	237.5	779	195.6	641.6					
			4000K	248.7	779	204.8	671.7					
			6000K	239.4	785.2	197.1	646.5					
			1800K	214.2	702.6	176.4	578.6	IP20: 36 ft (11 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	249.9	819.7	205.8	675					
			2200K	275.4	903.3	226.8	743.9					
			2400K	280.1	918.6	230.6	756.5					
			2700K	313.5	1028.1	258.1	846.7					
			3000K	331.4	1087.1	273	895.3					
			3500K	339.2	1112.4	279.3	916.1					
			4000K	339.2	1112.4	279.3	916.1					
			6000K	323.7	1061.8	266.6	874.5					
			1800K	302.9	993.6	249.5	818.3	28 ft 4 in. (8.64 m)	✓	✓	✓	✓
			2000K	355.3	1165.4	292.6	959.7					
			2200K	392.7	1288.1	323.4	1060.8					
			2400K	407.7	1337.1	335.7	1101.2					
			2700K	456.3	1496.6	375.8	1232.5					
			3000K	482.5	1582.5	397.3	1303.2					
			3500K	493.7	1619.3	406.6	1333.5					
			4000K	493.7	1619.3	406.6	1333.5					
			6000K	471.2	1545.7	388.1	1272.9					
			1800K	352.8	1157	290.5	952.8	IP20: 33 ft 4 in. (10.1 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	416.5	1366.1	343	1125					
			2200K	454.8	1491.6	374.5	1228.4					
			2400K	466.8	1531	384.4	1260.8					
			2700K	522.4	1713.6	430.2	1411.2					
			3000K	552.4	1811.9	454.9	1492.1					
			3500K	565.3	1854	465.5	1526.8					
			4000K	565.3	1854	465.5	1526.8					
			6000K	539.6	1769.7	444.3	1457.4					
			1800K	418.2	1371.7	344.4	1129.6	28 ft (8.5 m)	✓	✓	✓	✓
			2000K	484.5	1589.2	399.0	1308.7					
			2200K	540.6	1773.2	445.2	1460.3					
			2400K	555.9	1823.4	457.8	1501.6					
			2700K	622.2	2040.8	512.4	1680.7					
			3000K	657.9	2157.9	541.8	1777.1					
			3500K	673.2	2208.1	554.4	1818.4					
			4000K	673.2	2208.1	554.4	1818.4					
			6000K	642.6	2107.7	529.2	1735.8					



RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Incremental Length	LED Pitch	Color Temp.	Delivered Lumens with Frosted Lens		Delivered Lumens with Milky Lens		Max Length	Compatible with Channel			
				lm/ft	lm/m	lm/ft	lm/m		IP20	IP65	IP68	IP69
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	26	86	22	70.6	IP20: 49 ft (15 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			Green	112	366	92	301.4					
			Blue	12	40	10	32.7					
			Amber	22	71	18	58.6					
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	54	176	44	144.7	IP20: 49 ft (15 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			Green	204	669	168	551.1					
			Blue	23	75	19	62					
			Amber	43	142	36	117.1					
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	79	258	65	212.2	IP20: 42 ft (12.8 m) IP65/ IP68/ IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			Green	271	889	223	732.4					
			Blue	34	110	28	90.9					
			Amber	62	202	51	166.7					
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	102	334.6	84	275.52	32.8 ft (10 m)	✓	✓	✓	✓
			Green	323.9	1062.2	266.7	874.78					
			Blue	63.8	209.1	52.5	172.2					
			Amber	74	242.6	60.9	199.75					
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	142.1	466.2	117	383.89	29 ft (8.8 m)	✓	✓	✓	✓
			Green	437.6	1435.3	360.4	1181.98					
			Blue	89.8	294.4	73.9	242.46					
			Amber	93.5	306.7	77	252.56					
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	157.3	515.8	129.5	424.76	30 ft (9.14 m)	✓	✓	✓	✓
			Green	493	1617	406	1331.68					
			Blue	102	334.6	84	275.52					
			Amber	110.5	362.4	91	298.48					
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	188.7	618.9	155.4	509.71	28 ft (8.5 m)	✓	✓	✓	✓
			Green	576.3	1890.3	474.6	1556.6					
			Blue	117.3	384.8	96.6	316.9					
			Amber	122.4	401.6	100.8	330.7					
2.4 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	136.9	448.8	112.7	369.6	21.3 ft (6.5 m)	✓	n/a	n/a	n/a
			3000K	144.5	475.2	119	391.3					
			3500K	169.2	555.9	139.3	457.8					
			4000K	169.2	555.9	139.3	457.8					
3.0 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	168.3	552.5	138.6	455	21.3 ft (6.5 m)	✓	n/a	n/a	n/a
			3000K	186.2	611.2	153.3	503.3					
			3500K	198.9	652.8	163.8	537.6					
			4000K	211.7	694.5	174.3	571.9					
4.3 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	274.6	899.3	226.1	740.6	24.6 ft (7.5 m)	✓	n/a	n/a	n/a
			3000K	284.8	935	234.5	770					
			3500K	314.5	1031.9	259	849.8					
			4000K	314.5	1031.9	259	849.8					
6.1 Variable White Linea	1.09 in. (27.78 mm)	175 LEDs/ft (576 LEDs/m)	2700K + 6500K	493	1617.6	406	1332.1	16.4 ft (5 m)	✓	n/a	n/a	n/a

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Incremental Length	LED Pitch	Color Temp.	Delivered Lumens with Frosted Lens		Delivered Lumens with Milky Lens		Max Length	Compatible with Channel			
				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	101.8	334.1	83.9	275.1	32.74 ft (9.98 m)	✓	n/a	n/a	n/a
			2000K	120.2	394.3	99	324.7					
			2200K	131.9	432.6	108.6	356.3					
			2400K	136.9	449.1	112.7	369.8					
			2700K	155.3	509.3	127.9	419.4					
			3000K	161.9	531.2	133.4	437.5					
			3500K	166.9	547.7	137.5	451					
			4000K	163.6	536.7	134.7	442					
3.0 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	6000K	160.3	525.7	132	433	23.62 ft (7.2 m)	✓	n/a	n/a	n/a
			1800K	181.3	594.9	149.3	489.9					
			2000K	214	702.2	176.2	578.3					
			2200K	234.8	770.5	193.4	634.5					
			2400K	243.7	799.7	200.7	658.6					
			2700K	276.4	907	227.7	747					
			3000K	288.3	946	237.4	779.1					
			3500K	297.2	975.3	244.8	803.2					
4.5 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	4000K	291.3	955.8	239.9	787.1	19.03 ft (5.8 m)	✓	n/a	n/a	n/a
			6000K	285.4	936.3	235	771.1					
			1800K	276.8	908.2	228	747.9					
			2000K	326.7	1072	269.1	882.8					
			2200K	358.5	1176.2	295.2	968.6					
			2400K	372.1	1220.9	306.5	1005.4					
			2700K	422	1384.6	347.6	1140.3					
			3000K	440.2	1444.2	362.5	1189.3					
Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	3500K	453.8	1488.9	373.7	1226.1	32.15 ft (9.8 m)	✓	n/a	n/a	n/a
			4000K	444.7	1459.1	366.3	1201.6					
			6000K	435.7	1429.3	358.8	1177.1					
			2400K	174.7	573.2	143.9	472					
			6000K	342.9	1125.1	282.4	926.5					
			2400K	484.3	1588.9	398.9	1308.5					
			6000K	484.3	1588.9	398.9	1308.5					
			2400K	484.3	1588.9	398.9	1308.5					
Variable White Series 2	1.0 (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K	72.3	237	60	200	32.8 ft (10 m)	✓	✓	✓	✓
Variable White Series 2	3.0 (50 mm)	42 LEDs/ft (140 LEDs/m)	6500K	205	670	168	551.2	32.8 ft (10 m)	✓	✓	✓	✓
Variable White Series 2	6.0 (50 mm)	42 LEDs/ft (140 LEDs/m)	6500K	382.5	1255	315	1033.5	19 ft 8 in. (6 m)	✓	✓	✓	✓
RGBW Series 2	4.4 (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	168.3	552.2	148.5	487.2	19 ft 8 in. (6 m) IP65: 16 ft 4 in. (5 m) IP68: 19 ft 7.9 in. (6 m)	✓	n/a	n/a	n/a
RGBW Series 2	5.5 (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	275.8	904.9	243.3	798.5	16 ft 4 in. (5 m)	n/a	✓	✓	✓
RGBW Series 2	8.8 (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	456.3	1497.1	402.6	1320.9	16 ft 4 in. (5 m)	✓	n/a	n/a	n/a
5-in-1 RGBWW	4.4 (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW	220.7	724	194.7	638.8	16 ft 4 in (5 m)	✓	n/a	n/a	✓
5-in-1 RGBWW	8.8 (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW	374	1227.1	330	1082.7	11 ft 6 in (3.5 m)	✓	n/a	n/a	n/a
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	28.5	93.5	23.5	77 l	16 ft 5.64 in. (5.02 m)	n/a	n/a	✓ IP67	n/a
			Green	69.7	228.7	57.4	188.3					
			Blue	13.2	43.2	10.8	35.6					
			White	87.6	287.3	72.1	236.6					
Pixel RGB	6.1 (100 mm)	18 LEDs/ft (60 LEDs/m)	All	205.8	675.2	169.5	556.1	24 ft 7.2 in. (7.5 m)	✓	n/a	n/a	n/a
Warm Dim	5.2 (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	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)

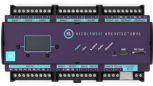
 No Visible Diode = N Note: Linea RibbonLyte has no visible diode				 With Visible Diode = Y					
Static White & Static Color Series 2	Static White & Static Color Xacta	RGBW & RGBW Series 2		5-in-1 RGBWW	5-in-1 RGBWW	Pixel RGB	RGBW Addressable	Variable White Series 2	Warm Dim
0.75/1.5/2.2/3.0/4.4/5.0/6.0	1.5/3.0/4.5	4.4/8.8	5.5	4.4	8.8	6.1	6.0	1.0/3.0/6.0	5.2
IP20/IP65/IP68/IP69	IP20	IP20	IP65/IP68/IP69	IP20/IP69	IP20	IP20	IP67	IP20/IP65/IP68/IP69	IP20/IP65/IP68/IP69
N	N	N	N	N	N	N	N	N	N

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

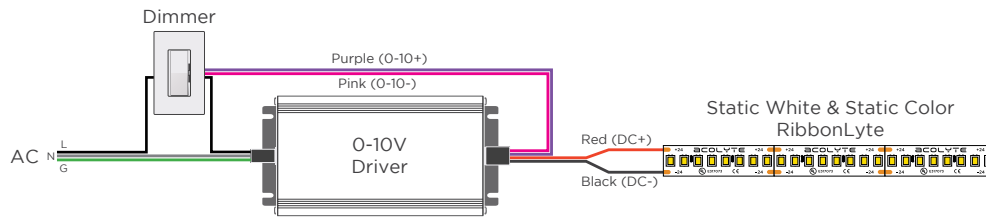
				
GLASS TOUCH WALL CONTROLLERS Part No.: • AWCRCBWWBK • AWCVWBK	1 ZONE WALL CONTROLLER Part No.: DMXCTRLG	5 ZONE WALL CONTROLLER Part No.: DMXCTRL	10 ZONE WALL CONTROLLER Part No.: DMXCTRLD	6 UNIVERSE DMX CONTROLLER Part No.: DMXCTRLDR6U
				
VARIABLE WHITE DIMMER Part No.: • RFDIMVWWH (White) • RFDIMVWBK (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

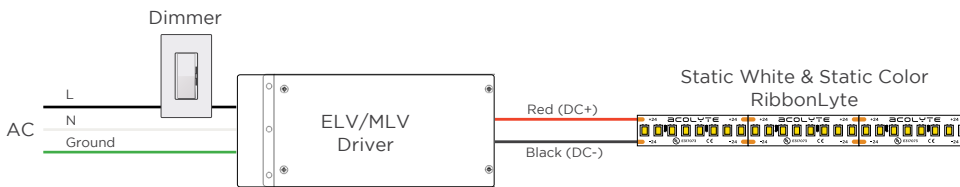
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	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

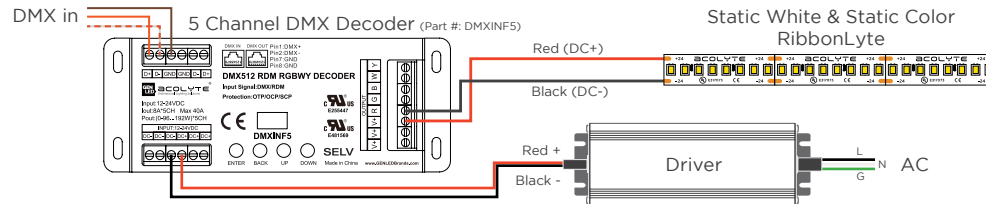
0-10 V



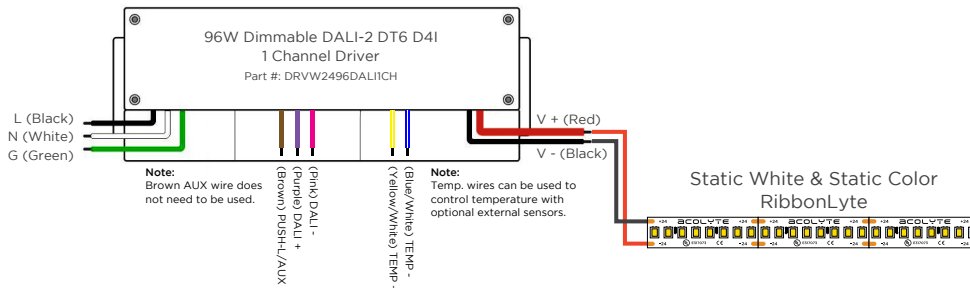
MLV / ELV



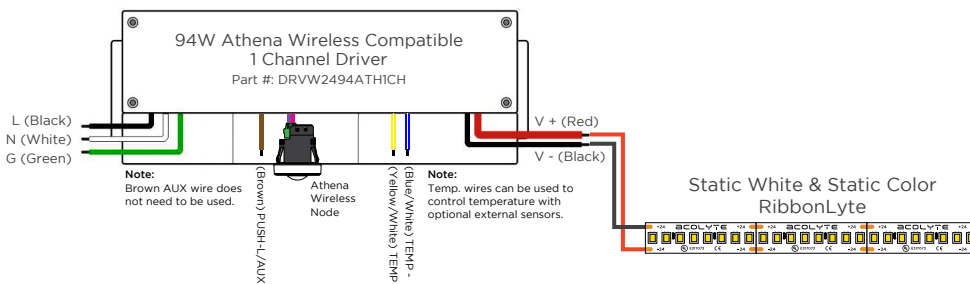
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



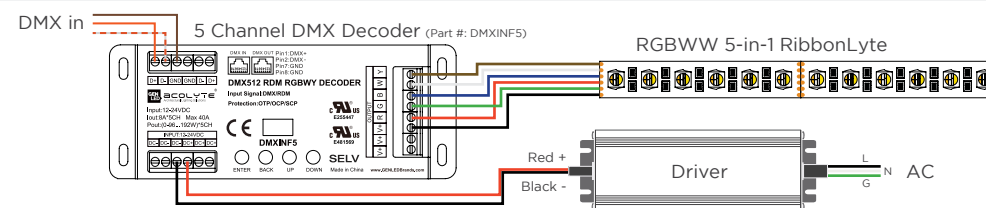
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

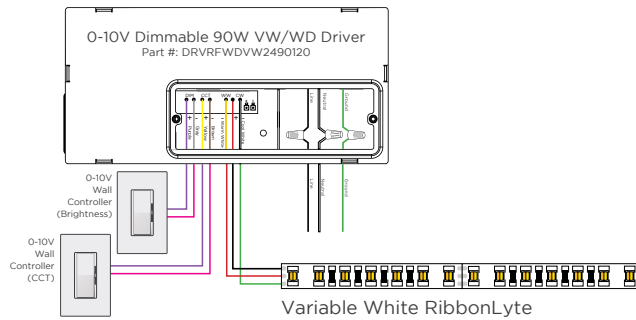
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

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

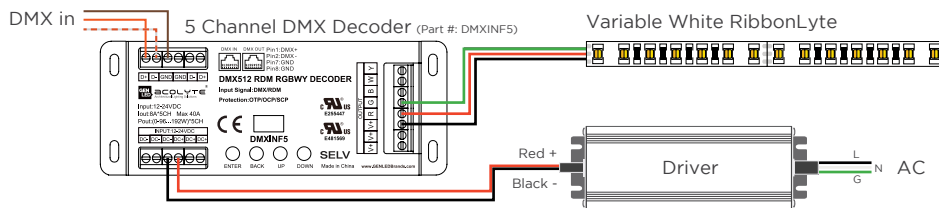


WIRE COLORS PER RIBBONLYTE COLOR

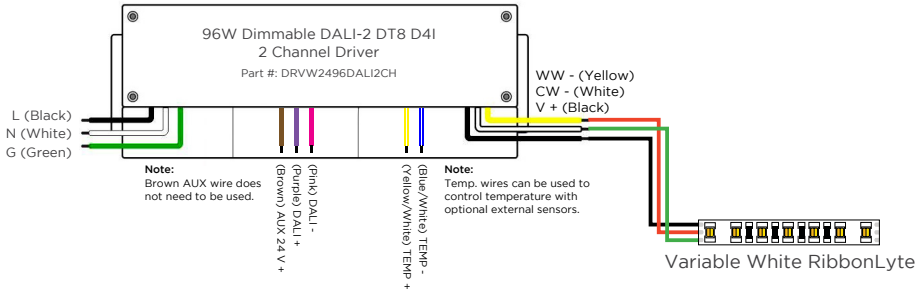
VARIABLE WHITE

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

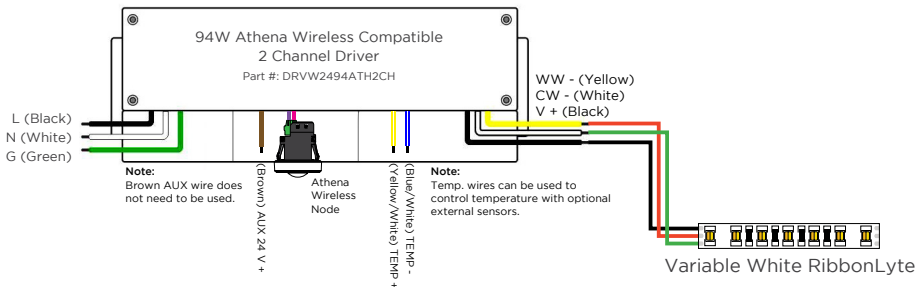
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER

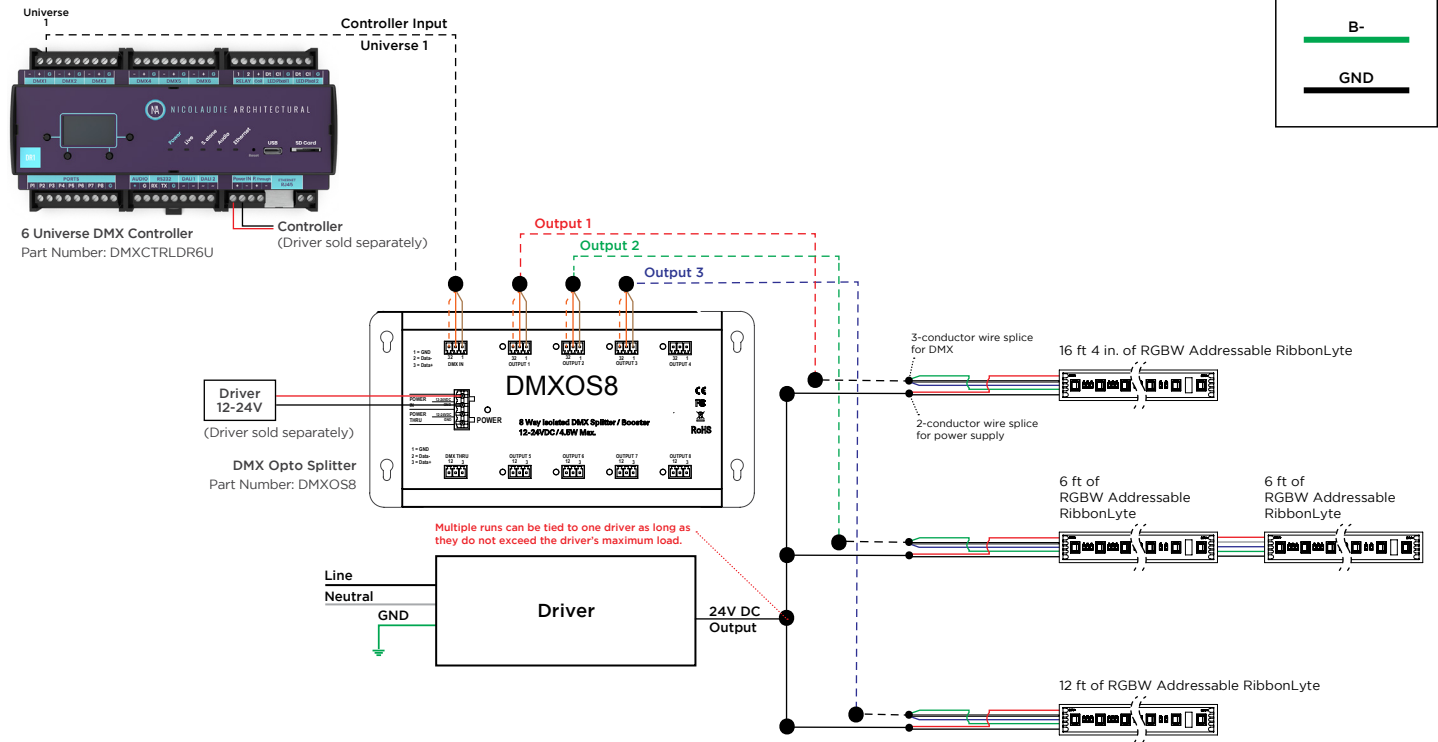


WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

One DMX Universe consists of 128 addresses and 512 channels (42 ft / 12.8 m 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.



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