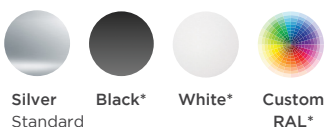


AS1 CHANNEL FIXTURE

Our AS1 Channel Fixture is a low-profile channel with a 118-degree beam angle that is ideal for a wide, even spread of light that is great for cove and toe kick applications. It can also be used in conjunction with our tiltable stands.

- Available for field assembly or factory assembly
- Beam Angle 118°
- 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

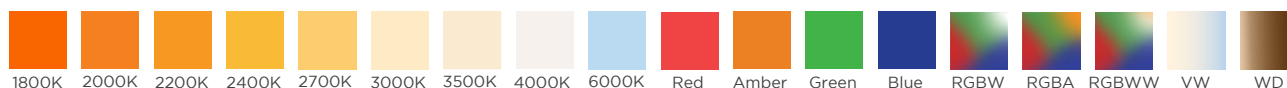


*Additional fee applies

AVAILABLE LENS FINISHES



AVAILABLE COLORS & COLOR TEMPERATURES



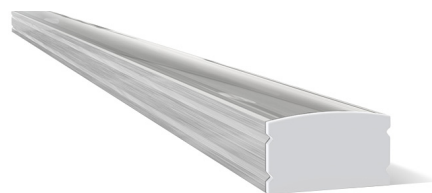
DIMENSIONS

AS1 Channel	Mounting Clip (included accessory)
Width: 0.68 in. (17.2 mm) Height: 0.34 in. (8.6 mm) Internal Width: 0.48 in. (12.2 mm)	Material: stainless steel
	Side View Width: 0.7 in. (18.2 mm) Length: 0.6 in. (15 mm) Height: 0.36 in. (9.2 mm) Top View Width: 0.7 in. (18.2 mm) Length: 0.6 in. (15 mm) Height: 0.36 in. (9.2 mm) Assembled View Width: 0.7 in. (18.2 mm) Height: 0.41 in. (10 mm) Note: 1. Magnetic mounting option available (see page 2) 2. Exterior channel applications should be securely attached to the mounting surface with appropriate screws and/or liquid nails. Acolyte strongly recommends field assembly for exterior applications. Use mounting clips for interior applications only.



RoHS

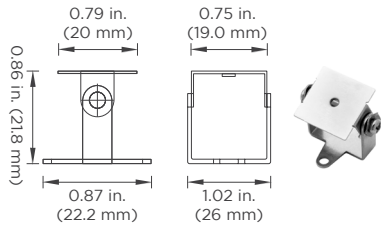
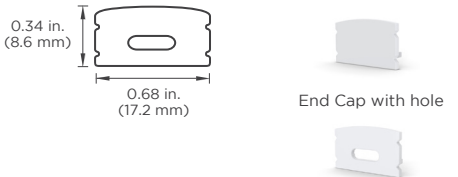
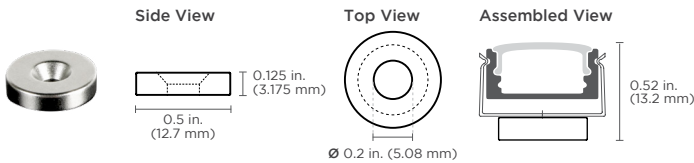
Declare.



SPECIFICATIONS

Beam Angle	118°
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	24 V
Dimming	MLV / 0-10 Volt / ELV / DALI / DMX
Operating Temperature	-40 — 158 °F (-40 — 70 °C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBW, RGBWW, RGBA, VW, Warm Dim (1800K, 2000K, 2200K only available in IP20)
CRI	90+ CRI (Static white 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 Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant

ACCESSORIES

Tilttable Stand (Part #: TILTSTANDST)  Assembled Height with Channel: 1.22 in. (31 mm)	End Caps (included accessory) Material: ABS 
Magnetic Mount (Part #: CHMAGO.5)  Features: - High-energy neodymium magnets come attached to mounting clips with countersink hex nuts - Create easy-mount magnetic channels with minimal surface gaps; no tools or drilling necessary - Magnets rated for 8 lbs. of pull force with static load Applications: - Industrial lighting retrofits for troffers and other metal fixtures - Metal retail shelf lighting - Temporary light fixture installations	

ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHAS1		
CHAS1 - AS1 Channel	C - Clear Lens*	SV - Silver (default)
	F - Frosted Lens	BK - Black
	M - Milky Lens	WH - White
	* Clear lens is the default option if not specified.	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	LINEA20 - Linea RibbonLyte IP20	RGBWW20 - RGBWW 5-in-1 IP20	WD20 - Warm Dim IP20
	90 - 90+ CRI Static White	SWS220 - Static White Series 2 IP20	RGBWS220 - RGBW Series 2 IP20	WD65 - Warm Dim IP65
		SWS265 - Static White Series 2 IP65	RGBWS265 - RGBW Series 2 IP65	XACTA20 - Xacta RibbonLyte IP20
		SCS220 - Static Color Series 2 IP20	VWS220 - VW Series 2 IP20	
		SCS265 - Static Color Series 2 IP65	VWS265 - VW Series 2 IP65	

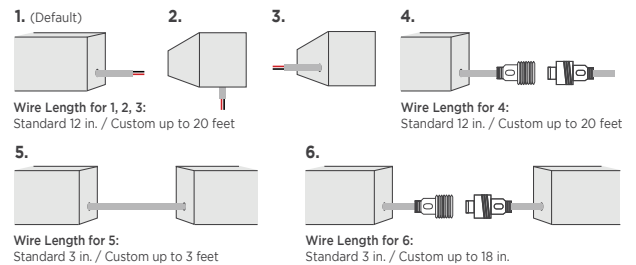
NOTE: To ensure waterproofing standards are met, IP65 RibbonLyte can NOT be cut in the field.

WATTAGE	COLOR
0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)	18 - 1800K
1.0 - 1.0 W/ft (3.3 W/m - Variable White)	20 - 2000K
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color, Variable White)	22 - 2200K
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)	24 - 2400K
2.4 - 2.4 W/ft (8 W/m - Static White Linea)	27 - 2700K
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)	30 - 3000K
4.3 - 4.3 W/ft (14 W/m - Static White Linea)	35 - 3500K
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)	40 - 4000K
4.5 - 4.5 W/ft (14.8 W/m - Static White, Variable White)	60 - 6000K
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	R - Red
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)	A - Amber
5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)	G - Green
6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)	B - Blue
6.1 - 6.1 W/ft (20 W/m - Variable White Linea)	
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)	

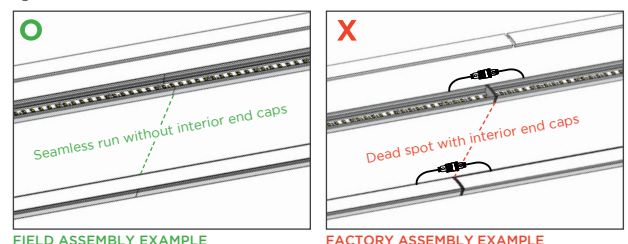
* Factory assembled runs exceeding 6 ft 6.7 in. (2 m) will be split into multiple daisy chained fixtures.

STEP 4 Add Accessories

ACCESSORIES

TILTSTANDST - Tilttable Stand	CHMAG0.5 - Magnetic Mount
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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	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		
					lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m		IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	58	190.3	53.6	175.8	44.1	144.6	IP20: 49 ft (15 m) IP65: 32.8 ft (10 m)	✓	✓	
			2000K	99	68.3	224	63.1	207	52	170.6				
			2200K	109	75.2	246.7	69.5	228	57.2	187.6				
			2400K	113	78	255.8	72	236.2	59.3	194.5				
			2700K	123	84.9	278.5	78.4	257.2	64.6	211.9				
			3000K	123	84.9	278.5	78.4	257.2	64.6	211.9				
			3500K	130	89.7	294.2	82.9	272	68.3	224				
			4000K	134	92.5	303.4	85.4	280.1	70.4	230.9				
	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	6000K	131	90.4	296.5	83.5	273.9	68.8	225.7	IP20: 49 ft (15 m) IP65: 32.8 ft (10 m)	✓	✓	
			1800K	84	115.9	380.2	107.1	351.3	88.2	289.3				
			2000K	98	135.2	443.5	125	410	102.9	337.5				
			2200K	109	150.4	493.3	139	455.9	114.5	375.6				
			2400K	113	155.9	511.4	144.1	472.6	118.7	389.3				
			2700K	123	169.7	556.6	156.8	514.3	129.2	423.8				
			3000K	123	169.7	556.6	156.8	514.3	129.2	423.8				
			3500K	129	178	583.8	164.5	539.6	135.5	444.4				
	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	4000K	134	184.9	606.5	170.9	560.6	140.7	461.5	IP20: 42 ft (12.8 m) IP65: 32.8 ft (10 m)	✓	✓	
			6000K	131	180.8	593	167	547.8	137.6	451.3				
			1800K	83	168	51	155.2	509.1	127.8	419.2				
			2000K	96	194.3	637.3	179.5	588.8	147.8	484.8				
			2200K	106	214.5	703.6	198.2	650.1	163.2	535.3				
			2400K	111	224.7	737	207.6	680.9	170.9	560.6				
			2700K	120	242.9	796.7	224.4	736	184.8	606.1				
			3000K	122	246.9	809.8	228.1	748.2	187.9	616.3				
	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	3500K	127	257	843	237.5	779	195.6	641.6	IP20: 36 ft (11 m) IP65: 32.8 ft (10 m)	✓	✓	
			4000K	133	269.2	883	248.7	779	204.8	671.7				
			6000K	128	259.1	849.8	239.4	785.2	197.1	646.5				
			2400K	109.8	303.1	994.1	280.1	918.6	230.6	756.5				
			2700K	122.9	339.6	1114	313.5	1028.1	258.1	846.7				
			3000K	130	359.1	1177.9	331.4	1087.1	273	895.3				
			3500K	133	367.5	1205.3	339.2	1112.4	279.3	916.1				
			4000K	133	367.5	1205.3	339.2	1112.4	279.3	916.1				
	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	6000K	127	350.8	1150.5	323.7	1061.8	266.6	874.5	28 ft 4 in. (8.64 m)	✓	✓	
			2400K	109	441.2	1447	407.7	1337.1	335.7	1101.2				
			2700K	124	494.4	1621.6	456.3	1496.6	375.8	1232.5				
			3000K	131	522.8	1714.7	482.5	1582.5	397.3	1303.2				
			3500K	133	534.9	1754.5	493.7	1619.3	406.6	1333.5				
			4000K	133	534.9	1754.5	493.7	1619.3	406.6	1333.5				
			6000K	128	510.6	1674.8	471.2	1545.7	388.1	1272.9				
	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	110	505.1	1656.8	466.8	1531	384.4	1260.8	IP20: 33 ft 4 in. (10.1 m) IP65: 32.8 ft (10 m)	✓	✓	
			2700K	124	566.1	1856.7	522.4	1713.6	430.2	1411.2				
			3000K	134	598.5	1963.2	552.4	1811.9	454.9	1492.1				
			3500K	135	612.5	2008.9	565.3	1854	465.5	1526.8				
			4000K	134	612.5	2008.9	565.3	1854	465.5	1526.8				
			6000K	130	584.6	1917.6	539.6	1769.7	444.3	1457.4				
			2400K	109	601.6	1973.2	555.9	1823.4	457.8	1501.6				
			2700K	122	674.2	2211.3	622.2	2040.8	512.4	1680.7				
	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	3000K	129	712.9	2338.2	657.9	2157.9	541.8	1777.1	28 ft (8.5 m)	✓	✓	
			3500K	132	729.4	2392.5	673.2	2208.1	554.4	1818.4				
			4000K	132	729.4	2392.5	673.2	2208.1	554.4	1818.4				
			6000K	126	696.3	2283.8	642.6	2107.7	529.2	1735.8				



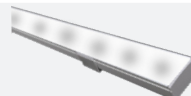
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

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		
					lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m		IP20	IP65	IP68
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	28	93	26	86	22	70.6	IP20: 49 ft (15 m) IP65: 32.8 ft (10 m)	✓	✓	
			Green	175	121	396	112	366	92	301.4				
			Blue	19	13	43	12	40	10	32.7				
			Amber	34	23	77	22	71	18	58.6				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	58	190	54	176	44	144.7	IP20: 49 ft (15 m) IP65: 32.8 ft (10 m)	✓	✓	
			Green	160	221	724	204	669	168	551.1				
			Blue	18	25	81	23	75	19	62				
			Amber	33	47	154	43	142	36	117.1				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	85	279	79	258	65	212.2	IP20: 42 ft (12.8 m) IP65: 32.8 ft (10 m)	✓	✓	
			Green	145	293	963	271	889	223	732.4				
			Blue	18	36	119	34	110	28	90.9				
			Amber	33	67	219	62	202	51	166.7				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	110.4	362.1	102	334.6	84	275.52	32.8 ft (10 m)	✓	✓	
			Green	127	350.9	1151	323.9	1062.2	266.7	874.78				
			Blue	25	69.1	226.6	63.8	209.1	52.5	172.2				
			Amber	29	80.1	262.8	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	38	153.8	504.5	142.1	466.2	117	383.89	29 ft (8.8 m)	✓	✓	
			Green	117	474.1	1555.1	437.6	1435.3	360.4	1181.98				
			Blue	24	97.3	319	89.8	294.4	73.9	242.4				
			Amber	25	101.3	332.2	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	37	170.2	558.2	157.3	515.8	129.5	424.76	30 ft (9.14 m)	✓	✓	
			Green	116	534.2	1752.1	493	1617	406	1331.68				
			Blue	24	110.5	362.5	102	334.6	84	275.52				
			Amber	26	119.7	392.7	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	37	204.2	669.8	188.7	618.9	155.4	509.71	28 ft (8.5 m)	✓	✓	
			Green	113	624.4	2048.2	576.3	1890.3	474.6	1556.6				
			Blue	23	127.1	416.9	117.3	384.8	96.6	316.9				
			Amber	24	132.6	435	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	67	148.1	485.8	136.9	448.8	112.7	369.6	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	71	156.4	514.3	144.5	475.2	119	391.3				
			3500K	83	183.1	601.7	169.2	555.9	139.3	457.8				
			4000K	83	183.1	601.7	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	66	182.2	598	168.3	552.5	138.6	455	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	73	201.5	661.5	186.2	611.2	153.3	503.3				
			3500K	78	215.3	706.6	198.9	652.8	163.8	537.6				
			4000K	83	229.1	751.6	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	75	297.2	973.4	274.6	899.3	226.1	740.6	24.6 ft (7.5 m)	✓	N/A	N/A
			3000K	78	308.2	1012	284.8	935	234.5	770				
			3500K	86	340.4	1116.9	314.5	1031.9	259	849.8				
			4000K	86	340.4	1116.9	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	95	533.6	1750.8	493	1617.6	406	1332.1	16.4 ft (5 m)	✓	N/A	N/A

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cutttable 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		
					lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m		IP20	IP65	IP68
1.5 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	1800K	71	110.2	361.6	101.8	334.1	83.9	275.1	32.74 ft (9.98 m)	✓	n/a	n/a
			2000K	84	130.1	426.8	120.2	394.3	99	324.7				
			2200K	92	142.7	468.3	131.9	432.6	108.6	356.3				
			2400K	96	148.2	486.1	136.9	449.1	112.7	369.8				
			2700K	109	168	551.3	155.3	509.3	127.9	419.4				
			3000K	113	175.3	575	161.9	531.2	133.4	437.5				
			3500K	117	180.7	592.8	166.9	547.7	137.5	451				
			4000K	115	177.1	580.9	163.6	536.7	134.7	442				
			6000K	112	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	71	196.3	643.9	181.3	594.9	149.3	489.9	23.62 ft (7.2 m)	✓	n/a	n/a
			2000K	84	231.6	760	214	702.2	176.2	578.3				
			2200K	92	254.2	833.9	234.8	770.5	193.4	634.5				
			2400K	95	263.8	865.6	243.7	799.7	200.7	658.6				
			2700K	108	299.2	981.7	276.4	907	227.7	747				
			3000K	113	312.1	1023.9	288.3	946	237.4	779.1				
			3500K	116	321.7	1055.6	297.2	975.3	244.8	803.2				
			4000K	114	315.3	1034.5	291.3	955.8	239.9	787.1				
			6000K	111	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	72	299.6	983	276.8	908.2	228	747.9	19.03 ft (5.8 m)	✓	n/a	n/a
			2000K	85	353.7	1160.3	326.7	1072	269.1	882.8				
			2200K	93	388	1273.1	358.5	1176.2	295.2	968.6				
			2400K	97	402.8	1321.4	372.1	1220.9	306.5	1005.4				
			2700K	110	456.8	1498.7	422	1384.6	347.6	1140.3				
			3000K	114	476.5	1563.1	440.2	1444.2	362.5	1189.3				
			3500K	118	491.2	1611.5	453.8	1488.9	373.7	1226.1				
			4000K	116	481.4	1579.2	444.7	1459.1	366.3	1201.6				
			6000K	113	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	138	189.1	620.4	174.7	573.2	143.9	472	32.15 ft (9.8 m)	✓	n/a	n/a
3.0 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	136	371.1	1217.7	342.9	1125.1	282.4	926.5	22.31 ft (6.8 m)	✓	n/a	n/a
4.5 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	134	524.2	1719.8	484.3	1588.9	398.9	1308.5	19.03 ft (5.8 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	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	80	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	75	415	1,362	382.5	1,255	315	1,033.5	19 ft 8 in. (6 m)	✓	✓	✓
4.4 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	45	188.1	617.2	168.3	552.2	148.5	487.2	19 ft 8 in. (6 m)	✓	N/A	N/A
5.5 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	59	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	61	510.2	1,673.8	456.3	1,497.1	402.6	1,320.9	16 ft 4 in. (5 m)	✓	N/A	N/A
4.4 5-in-1 RGBWW	2.46 in. (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW	59	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	50	409.2	1,342.6	374	1,227.1	330	1,082.7	11 ft 6 in (3.5 m)	✓	N/A	N/A
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	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 RibbonLyte		Color Changing RibbonLyte							
0.75/1.5/2.2/3.0	4.4/5.0/6.0	1.5/3.0/4.5 Xacta	4.4 RGBW Series 2	5.5 RGBW Series 2	8.8 RGBW Series 2	4.4 5-in-1 RGBWW	8.8 5-in-1 RGBWW	Warm Dim	Variable White
IP20 / IP65	IP20 / IP65	IP20	IP20	IP65	IP20	IP20	IP20	IP20 / IP65	IP20 / IP65
Y	N	N	Y	Y	Y	Y	Y	Y	Y

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS			0-10V/ELV/MLV 3-IN-1	0-10V VW/WD
 30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers Part No.: • DRVW2430 (30 W) • DRVW2460 (60 W) • DRVW2496 (96 W) 24 VDC 120-277 VAC IP65, dry/damp locations UL Listed			 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	 0-10V Dimmable 90W VW/WD Driver Part No.: • DRVRFWDVW2490120 24 VDC 100-277 VAC IP23, dry/damp locations UL Listed
 240W, 320W Non-Dimming Electronic Drivers Part No.: • DRVW24240 (240 W) • DRVW24320 (320 W) 24 VDC 90-305 VAC IP65, dry/damp locations UL Recognized			 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) • DRVW24150DALI2CH (150 W, 2 channels) • DRVW24150DALI4CH (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

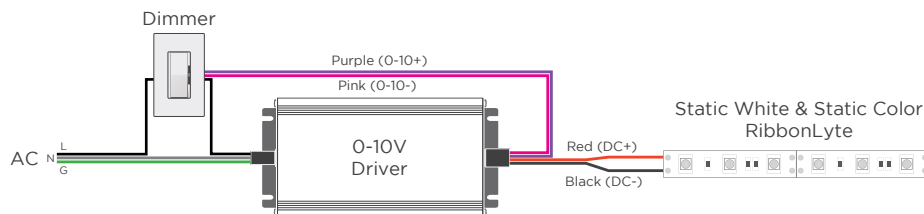
 GLASS TOUCH WALL CONTROLLERS Part No.: • AWCRGBWWBK • AWCWWBK		 1 ZONE WALL CONTROLLER Part No.: DMXCTRLG	 5 ZONE WALL CONTROLLER Part No.: DMXCTRL	 10 ZONE WALL CONTROLLER Part No.: DMXCTRLD	 6 UNIVERSE DMX CONTROLLER Part No.: DMXCTRLDR6U
 VARIABLE WHITE DIMMER Part No.: • RFDIMVDDWH (White) • RFDIMVDBK (Black)		 WARM DIM DIMMER Part No.: • RFDIMDDWH (White) • RFDIMDDBK (Black)	 4 CHANNEL WATERPROOF DMX INTERFACE Part No.: DMXINFWLCD4	 5 CHANNEL DMX DECODER Part No.: DMXINF5	 DMX OPTO SPLITTER Part No.: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

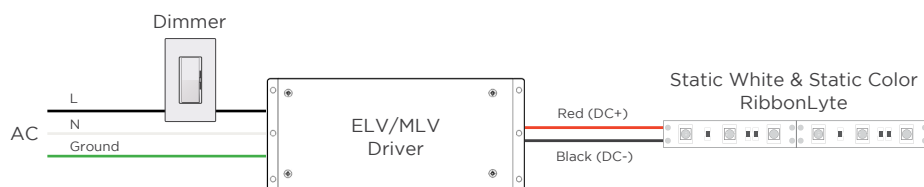
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5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

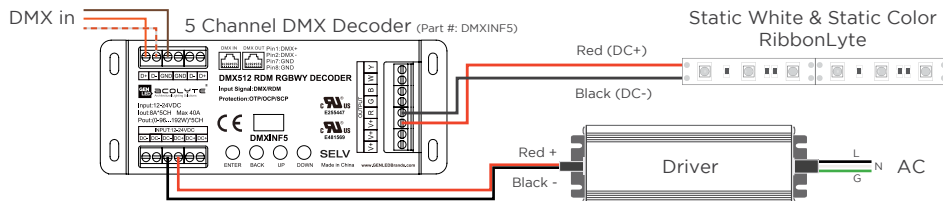
0-10 V



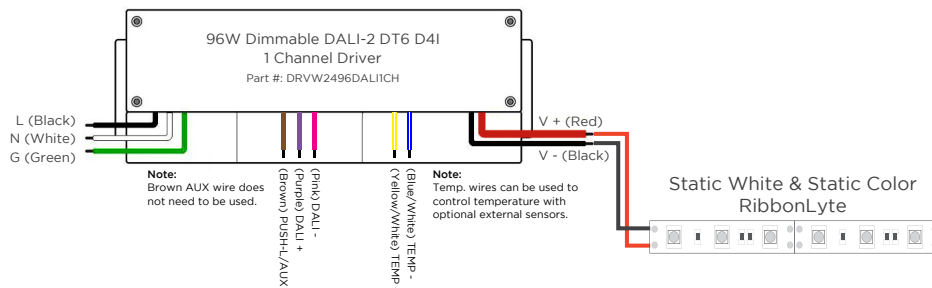
MLV / ELV



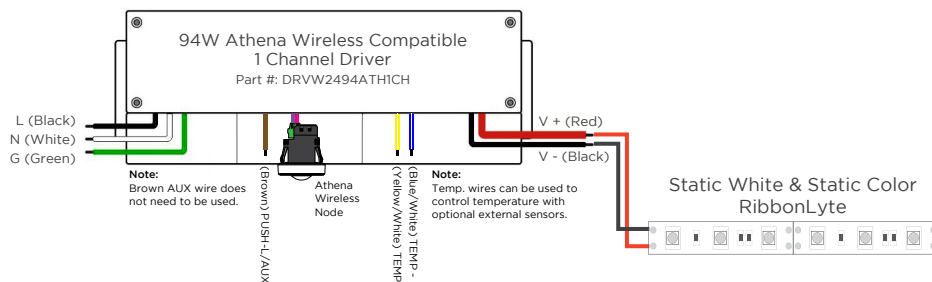
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



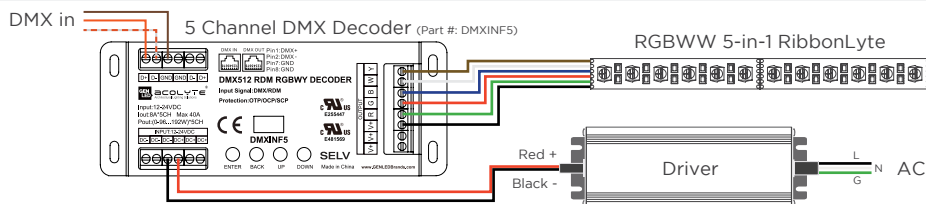
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

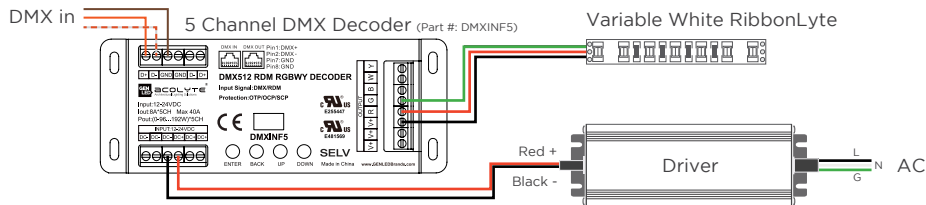


WIRE COLORS PER RIBBONLYTE COLOR

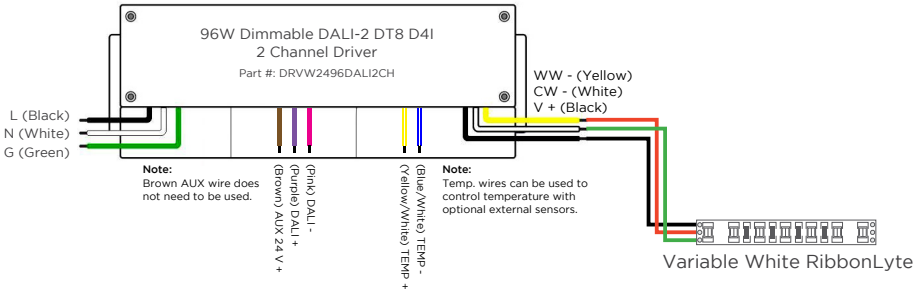
VARIABLE WHITE

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

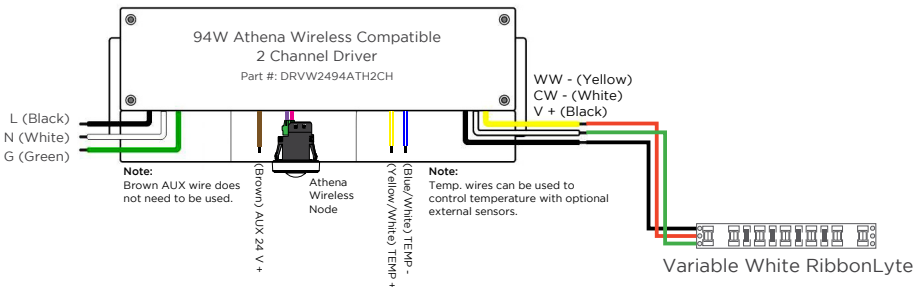
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



REV.21OCT2025

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