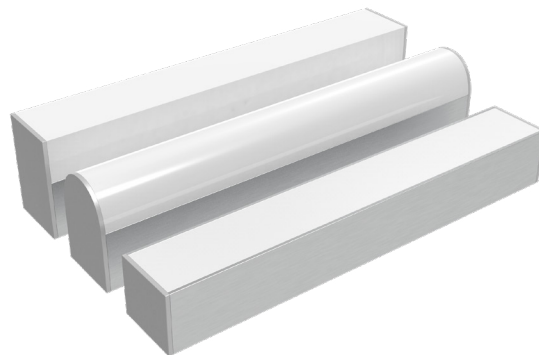


AS30 CHANNEL FIXTURE

AS30 is an aluminum channel that mounts flush to the surface. AS30 offers the choice of clear, milky or black flat lens and round or square milky lens. Create a custom fixture with AS30 and our RibbonLyte products.

- Available for field assembly or factory assembly
- 1.31 in. (33.4 mm) wide by 1.17 in. (29.6 mm) deep with milky lens, 1.95 in. (49.5 mm) deep with round milky lens, 2.03 in. (51.6 mm) deep with square milky lens
- Beam angle: 100° with milky lens, 100°x140° with round milky lens, 100°x150° with square milky lens
- Wattage range: 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 (144.7 lm/m) up to 1273 lm/ft (4176 lm/m)
- Clear, Milky or Black lens



RoHS

Declare.



HOUSING FINISHES



*Additional fee applies

LENS FINISHES



Clear Lens
93% Light Transmission



Milky Lens
75% Light Transmission



Black Lens**
70% Light Transmission



Round Milky Lens***
75% Light Transmission



Square Milky Lens***
75% Light Transmission

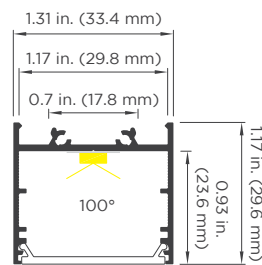
** Our black lens offers great diffusion and helps hide fixtures that aren't in use.
*** For interior applications only

AVAILABLE COLORS & COLOR TEMPERATURES

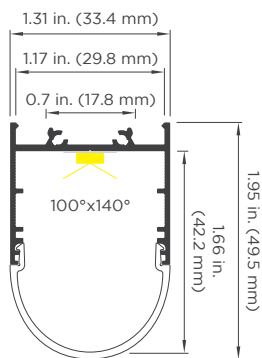


DIMENSIONS

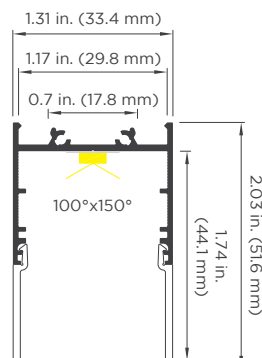
AS30 Channel



Width: 1.31 in. (33.4 mm)
Height: 1.17 in. (29.6 mm)
Internal Width: 1.17 in. (29.8 mm)
Internal Height: 0.93 in. (23.6 mm)



Width: 1.31 in. (33.4 mm)
Height: 1.95 in. (49.5 mm)
Internal Width: 1.17 in. (29.8 mm)
Internal Height: 1.66 in. (42.2 mm)

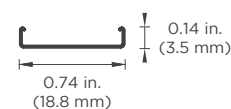


Width: 1.31 in. (33.4 mm)
Height: 2.03 in. (51.6 mm)
Internal Width: 1.17 in. (29.8 mm)
Internal Height: 1.74 in. (44.1 mm)

Mounting Clip (included accessory)

Material: stainless steel

Side View

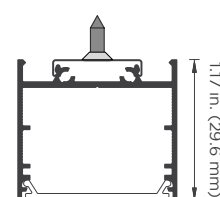


Top View



Width: 0.74 in. (18.8 mm)
Length: 0.87 in. (22 mm)

Assembled View



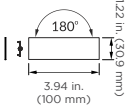
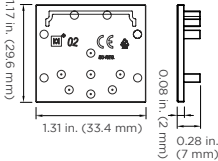
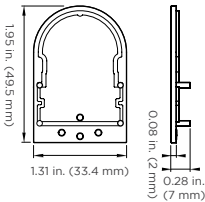
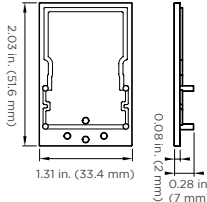
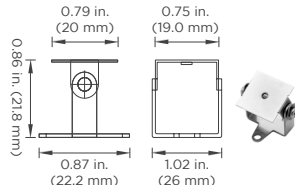
Note:

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.
3. **Raised lenses** are for interior applications only.

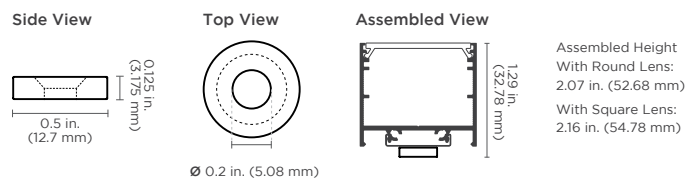
SPECIFICATIONS

Beam Angle	100° with Milky Lens, 100x140° with Round Milky Lens, 100x150° with Square Milky Lens
Lens Type	Clear Lens, Milky Lens, Black Lens, Round Milky Lens, Square 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, RGBA, RGBW, RGBWW, VW, Pixel RGB, RGBW Addressable, Warm Dim (1800K, 2000K, 2200K, Pixel RGB only available in IP20)
CRI	90+ CRI (Static white 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 (SEE PART NUMBERS AT STEP 4 ON PAGE 3)

180° Coupler	End Cap (A) for channel with Flat Lens	End Cap (D) for channel with Round Lens	End Cap (E) for channel with Square Lens	Tiltable Stand
	Material: ABS 	Material: ABS 	Material: ABS 	 Assembled Height with channel and Flat Lens: 2.02 in. (51.4 mm) Assembled Height with channel and Round Lens: 2.81 in. (71.3 mm) Assembled Height with channel and Square Lens: 2.89 in. (73.4 mm)
End Cap Options: 1. Use End Cap (A) for channel with Flat Lens 2. Use End Cap (D) for channel with Round Milky Lens 3. Use End Cap (E) for channel with Square Milky Lens				

Magnetic Mount



ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS		HOUSING COLOR	END CAP
CHAS30				
CHAS30 - AS30 Channel	C - Clear Lens	RM - Round Milky Lens*	SV - Silver	A - End Cap for channel with Flat Lens
	M - Milky Lens	SM - Square Milky Lens*	BK - Black	D - End Cap for channel with Round Milky Lens
	BK - Black Lens	* For interior applications only	WH - White	E - End Cap for channel with Square Milky Lens
			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 SWDR20 - Static White Double Row IP20 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65 SCS268 - Static Color Series 2 IP68 LINEA20 - Linea RibbonLyte 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)
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, RGBW, RGBA)
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, RGBA, RGBW Addressable)
6.1 - 6.1 W/ft (20 W/m - Variable White Linea)
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)

CONNECTION OPTIONS (See diagrams on the right)

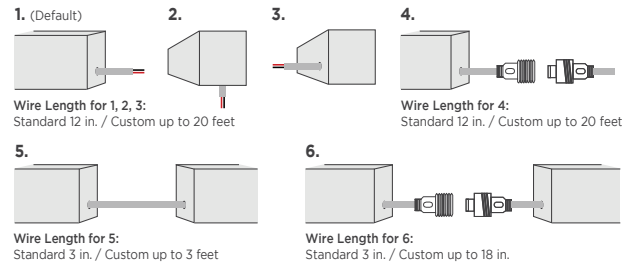
1 - End Feed Bare Wire Connection	4 - End Feed with IP67 Male Coupler
2 - Back Feed Bare Wire Connection	5 - Soldered Daisy Chain
3 - Side Feed Bare Wire Connection	6 - Daisy Chain With IP67 Couplers

Custom Length (ft.)

COLOR

18 - 1800K	RGB27 - Red, Green, Blue + 2700K
20 - 2000K	RGB30 - Red, Green, Blue + 3000K
22 - 2200K	RGB40 - Red, Green, Blue + 4000K
24 - 2400K	RGB2465 - Red, Green, Blue + 2400K + 6500K
27 - 2700K	RGBA - Red, Green, Blue + Amber
30 - 3000K	RGBW30 - RGB + 3000K Addressable
35 - 3500K	RGBW40 - RGB + 4000K Addressable
40 - 4000K	RGBW60 - RGB + 6000K Addressable
60 - 6000K	VW - Variable White (2000K-6500K)
R - Red	VW1833 - Variable White 1800K-3300K (IP20 only)
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.



STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 6 ft 6.7 in. / 2 m)
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FI - Field Assembly
FA - Factory Assembly* (not recommended for exterior applications)

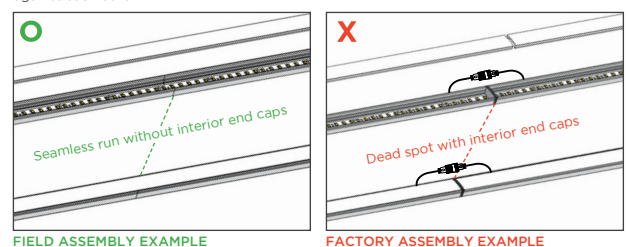
* Factory assembled runs exceeding 6 ft 6.7 in. (2 m) will be split into multiple daisy chained fixtures.

STEP 4 Add Accessories

ACCESSORIES

CHCOUP180AW38SV - 180° Coupler Silver
TILTSTANDST - Tilttable Stand
CHMAGO.5 - Magnetic Mount

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 Wattage	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens										Max Length	Compatible with Channel		
					with Clear Lens		with Milky Lens		with Black Lens		with Round Lens		with Square Lens			IP20	IP65	IP68
					lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m				
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	59	192	47	155	44	145	47	155	47	155	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	99	69	227	56	183	52	171	56	183	56	183				
			2200K	109	76	249	61	201	57	188	61	201	61	201				
			2400K	113	79	259	64	209	59	195	64	209	64	209				
			2700K	123	86	281	69	227	65	212	69	227	69	227				
			3000K	123	86	281	69	227	65	212	69	227	69	227				
			3500K	130	91	297	73	240	68	224	73	240	73	240				
			4000K	134	93	307	75	247	70	231	75	247	75	247				
			6000K	131	91	300	74	242	69	226	74	242	74	242				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	117	384	95	310	88	289	95	310	95	310	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	137	384	110	263	103	338	110	362	110	362				
			2200K	109	152	499	123	402	114	375	123	402	123	402				
			2400K	113	158	517	127	417	119	389	127	417	127	417				
			2700K	123	172	563	138	454	129	424	138	454	138	454				
			3000K	123	172	563	138	454	129	424	138	454	138	454				
			3500K	129	180	590	145	476	135	444	145	476	145	476				
			4000K	134	187	613	151	495	141	462	151	495	151	495				
			6000K	131	183	600	147	484	138	451	147	484	147	484				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	170	557	137	449	128	419	137	449	137	449	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	96	196	644	158	520	148	485	158	520	158	520				
			2200K	106	217	712	175	574	163	536	175	574	175	574				
			2400K	111	227	745	183	601	171	561	183	601	183	601				
			2700K	120	246	806	198	650	185	606	198	650	198	650				
			3000K	122	250	819	201	660	188	616	201	660	201	660				
			3500K	127	260	852	210	687	196	642	210	684	210	684				
			4000K	133	272	893	219	720	205	672	219	720	219	720				
			6000K	128	262	859	211	693	197	647	211	693	211	693				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	234	769	189	620	176	579	189	620	189	620	IP20: 36 ft (11 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	273	897	221	723	206	675	221	723	221	723				
			2200K	108	301	989	243	797	227	744	243	797	243	797				
			2400K	109.8	306	1005	247	811	231	756	247	811	247	811				
			2700K	122.9	343	1125	277	907	258	847	277	907	277	907				
			3000K	130	363	1190	293	960	273	896	293	960	293	960				
			3500K	133	371	1217	299	982	279	916	299	982	299	982				
			4000K	133	371	1217	299	982	279	916	299	982	299	982				
			6000K	128	357	1172	288	945	269	882	288	945	288	945				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	81	331	1087	267	877	249	818	267	877	267	877	28 ft 4 in. (8.64 m)	✓	✓	✓
			2000K	95	389	1275	314	1029	293	960	314	1029	314	1029				
			2200K	105	430	1410	347	1137	323	1061	347	1137	347	1137				
			2400K	109	446	1463	360	1180	336	1101	360	1180	360	1180				
			2700K	122	499	1638	403	1321	376	1233	403	1321	403	1321				
			3000K	129	528	1732	426	1397	397	1304	426	1397	426	1397				
			3500K	132	540	1772	436	1429	407	1334	436	1429	436	1429				
			4000K	132	540	1772	436	1429	407	1334	436	1429	436	1429				
			6000K	126	516	1692	416	1364	388	1273	416	1364	416	1364				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	83	386	1266	311	1021	291	953	311	1021	311	1021	IP20: 33 ft 4 in. (10.1 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	456	1495	368	1206	343	1125	368	1206	368	1206				
			2200K	107	498	1632	401	1316	375	1229	401	1316	401	1316				
			2400K	110	511	1675	412	1351	384	1261	412	1351	412	1351				
			2700K	123	571	1875	461	1512	430	1411	461	1512	461	1512				
			3000K	130	605	1983	488	1599	455	1493	488	1599	488	1599				
			3500K	133	618	2029	499	1636	466	1527	499	1636	499	1636				
			4000K	133	618	2029	499	1636	466	1527	499	1636	499	1636				
			6000K	127	591	1937	476	1562	445	1458	476	1562	476	1562				
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	82	458	1501	369	1211	344	1130	369	1211	369	1211	28 ft (8.5 m)	✓	✓	✓
			2000K	95	530	1739	428	1403	399	1309	428	1403	428	1403				
			2200K	106	591	1941	477	1565	445	1461	477	1565	477	1565				
			2400K	109	608	1995	491	1609	458	1502	491	1609	491	1609				
			2700K	122	681	2233	549	1801	512	1681	549	1801	549	1801				
			3000K	129	720	2362	581	1905	542	1778	581	1905	581	1905				
			3500K	132	737	2417	594	1949	554	1819	594	1949	594	1949				
			4000K	132	737	2417	594	1949	554	1819	594	1949	594	1949				
			6000K	126	703	2307	567	1860	529	1736	567	1860	567	1860				

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens (lm/ft / lm/m)										Max Length	Compatible with Channel		
					with Clear Lens lm/ft		with Milky Lens lm/ft		with Black Lens lm/ft		with Round Lens lm/ft		with Square Lens lm/m			IP20	IP65	IP68
3.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	73	206	676	202	662	153	504	158	518	158	518	65 ft 7 in. (20 m)	✓	N/A	N/A
			2000K	86	243	798	238	781	181	595	186	612	186	612				
			2200K	94	266	872	260	853	198	649	204	668	204	668				
			2400K	97	273	896	267	877	203	667	209	686	209	686				
			2700K	109	308	1010	301	989	229	752	236	774	236	774				
			3000K	118	333	1092	326	1069	248	813	255	836	255	836				
			3500K	119	335	1100	328	1077	250	819	257	843	257	843				
			4000K	118	333	1092	326	1069	248	813	255	836	255	836				
			6000K	114	323	1059	316	1037	240	789	247	811	247	811				
6.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	73	412	1353	403	1324	307	1007	316	1036	316	1036	39 ft (12 m)	✓	N/A	N/A
			2000K	86	487	1597	476	1563	362	1189	373	1223	373	1223				
			2200K	94	531	1744	520	1707	396	1298	407	1336	407	1336				
			2400K	97	546	1792	535	1754	407	1335	418	1373	418	1373				
			2700K	109	616	2021	603	1978	459	1505	472	1548	472	1548				
			3000K	118	666	2184	651	2137	496	1626	510	1673	510	1673				
			3500K	119	670	2200	656	2153	499	1638	514	1685	514	1685				
			4000K	118	666	2184	651	2137	496	1626	510	1673	510	1673				
			6000K	114	646	2118	632	2073	481	1578	495	1623	495	1623				
12.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	69	783	2567	766	2513	583	1912	599	1967	599	1967	26 ft 3 in. (8 m)	✓	N/A	N/A
			2000K	82	924	3031	904	2967	688	2257	708	2322	708	2322				
			2200K	89	1009	3310	987	3239	751	2465	773	2535	773	2535				
			2400K	92	1037	3403	1015	3330	772	2534	794	2606	794	2606				
			2700K	104	1169	3836	1144	3754	871	2856	895	2938	895	2938				
			3000K	112	1263	4145	1236	4057	941	3087	968	3175	968	3175				
			3500K	113	1273	4176	1246	4087	948	3110	975	3199	975	3199				
			4000K	112	1263	4145	1236	4057	941	3087	968	3175	968	3175				
			6000K	109	1226	4021	1200	3936	913	2995	939	3080	939	3080				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	29	94	23	76	22	71	23	76	23	76	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	175	122	400	98	323	92	301	98	323	98	323				
			Blue	19	13	43	11	35	10	33	11	35	11	35				
			Amber	34	24	78	19	63	18	59	19	63	19	63				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	59	192	47	155	44	145	47	155	47	155	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	160	223	732	180	591	168	551	180	591	180	591				
			Blue	18	25	82	20	66	19	62	20	66	20	66				
			Amber	34	47	156	38	128	36	117	38	125	38	125				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	86	282	69	227	65	212	69	277	69	277	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	145	297	973	239	785	223	733	239	785	239	785				
			Blue	18	37	121	30	97	28	91	30	97	30	97				
			Amber	34	70	228	56	184	52	172	56	184	56	184				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	112	366	90	295	84	276	90	295	90	295	32.8 ft (10 m)	✓	✓	✓
			Green	127	354	1162	286	937	267	875	286	937	286	937				
			Blue	25	70	229	56	185	53	172	56	185	56	185				
			Amber	29	81	265	65	214	61	200	65	214	65	214				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	155	510	125	411	117	384	125	411	125	411	29 ft (8.8 m)	✓	✓	✓
			Green	117	479	1571	386	1267	360	1182	386	1267	386	1267				
			Blue	24	98	322	79	260	74	243	79	260	79	260				
			Amber	25	102	336	83	271	77	253	83	271	83	271				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	172	564	139	455	130	425	139	455	139	455	30 ft (9.14 m)	✓	✓	✓
			Green	116	539	1770	435	1427	406	1332	435	1427	435	1427				
			Blue	24	112	366	90	295	84	276	90	295	90	295				
			Amber	26	121	397	98	320	91	299	98	320	98	320				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	206	677	167	546	155	510	167	546	167	546	28 ft (8.5 m)	✓	✓	✓
			Green	113	631	2069	509	1668	475	1557	509	1668	509	1668				
			Blue	23	128	421	104	340	97	317	104	340	104	340				
			Amber	24	134	439	108	354	101	331	108	354	108	354				



RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens										Max Length	Compatible with Channel		
					with Clear Lens		with Milky Lens		with Black Lens		with Round Lens		with Square Lens			IP20	IP65	IP68
					lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m				
2.4 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	67	149.7	491	120.8	396	112.7	369.6	120.8	396	120.8	396	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	71	158.1	519.9	127.5	419.3	119	391.3	127.5	419.3	127.5	419.3				
			3500K	83	185.1	608.2	149.3	490.5	139.3	457.8	149.3	490.5	149.3	490.5				
			4000K	83	185.1	608.2	149.3	490.5	139.3	457.8	149.3	490.5	149.3	490.5				
3.0 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	66	184.1	604.5	148.5	487.5	138.6	455	148.5	487.5	148.5	487.5	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	73	203.7	668.7	164.3	539.3	153.3	503.3	164.3	539.3	164.3	539.3				
			3500K	78	217.6	714.2	175.5	576	163.8	537.6	175.5	576	175.5	576				
			4000K	83	217.6	714.2	186.8	612.8	174.3	571.9	186.8	612.8	186.8	612.8				
4.3 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	75	300.4	983.9	242.3	793.5	226.1	740.6	242.3	793.5	242.3	793.5	24.6 ft (7.5 m)	✓	N/A	N/A
			3000K	78	311.6	1023	251.3	825	234.5	770	251.3	825	251.3	825				
			3500K	86	344.1	1129	277.5	910.5	259	849.8	277.5	910.5	277.5	910.5				
			4000K	86	344.1	1129	277.5	910.5	259	849.8	277.5	910.5	277.5	910.5				
6.1 Variable White Linea	1.09 in. (27.78 mm)	175 LEDs/ft (576 LEDs/m)	2700K + 6500K	95	539.4	1769.8	435	1427.3	406	1332.1	435	1427.3	435	1427.3	16.4 ft (5 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	79.1	259	63.8	209	59.5	195	63.8	209	63.8	209	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	223.2	732	180	591	168	551	180	591	180	591	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	418.5	1373	337.5	1107	315	1033	337.5	1107	337.5	1107	19 ft 8 in. (6 m)	✓	✓	✓
1.5 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	1800K	71	110.2	361.6	83.9	275.1	83.9	275.1	89.9	294.8	89.9	294.8	32.74 ft (9.98 m)	✓	n/a	n/a
			2000K	84	130.1	426.8	99	324.7	99	324.7	106.1	347.9	106.1	347.9				
			2200K	92	142.7	468.3	108.6	356.3	108.6	356.3	116.4	381.7	116.4	381.7				
			2400K	96	148.2	486.1	112.7	369.8	112.7	369.8	120.8	396.2	120.8	396.2				
			2700K	109	168	551.3	127.9	419.4	127.9	419.4	137	449.4	137	449.4				
			3000K	113	175.3	575	133.4	437.5	133.4	437.5	142.9	468.7	142.9	468.7				
			3500K	117	180.7	592.8	137.5	451	137.5	451	147.3	483.2	147.3	483.2				
			4000K	115	177.1	580.9	134.7	442	134.7	442	144.4	473.6	144.4	473.6				
			6000K	112	173.5	569	132	433	132	433	141.4	463.9	141.4	463.9				
			3.0 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	1800K	71	196.3	643.9	149.3	489.9	149.3	489.9	160				
2000K	84	231.6				760	176.2	578.3	176.2	578.3	188.8	619.6	188.8	619.6				
2200K	92	254.2				833.9	193.4	634.5	193.4	634.5	207.2	679.8	207.2	679.8				
2400K	95	263.8				865.6	200.7	658.6	200.7	658.6	215.1	705.7	215.1	705.7				
2700K	108	299.2				981.7	227.7	747	227.7	747	243.9	800.3	243.9	800.3				
3000K	113	312.1				1023.9	237.4	779.1	237.4	779.1	254.4	834.7	254.4	834.7				
3500K	116	321.7				1055.6	244.8	803.2	244.8	803.2	262.3	860.6	262.3	860.6				
4000K	114	315.3				1034.5	239.9	787.1	239.9	787.1	257	843.3	257	843.3				
6000K	111	308.9				1013.4	235	771.1	235	771.1	251.8	826.1	251.8	826.1				
4.5 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)				1800K	72	299.6	983	228	747.9	228	747.9	244.3	801.4	244.3	801.4	19.03 ft (5.8 m)
			2000K	85	353.7	1160.3	269.1	882.8	269.1	882.8	288.3	945.9	288.3	945.9				
			2200K	93	388	1273.1	295.2	968.6	295.2	968.6	316.3	1037.8	316.3	1037.8				
			2400K	97	402.8	1321.4	306.5	1005.4	306.5	1005.4	328.3	1077.2	328.3	1077.2				
			2700K	110	456.8	1498.7	347.6	1140.3	347.6	1140.3	372.4	1221.7	372.4	1221.7				
			3000K	114	476.5	1563.1	362.5	1189.3	362.5	1189.3	388.4	1274.3	388.4	1274.3				
			3500K	118	491.2	1611.5	373.7	1226.1	373.7	1226.1	400.4	1313.7	400.4	1313.7				
			4000K	116	481.4	1579.2	366.3	1201.6	366.3	1201.6	392.4	1287.4	392.4	1287.4				
			6000K	113	471.5	1547	358.8	1177.1	358.8	1177.1	384.4	1261.2	384.4	1261.2				
			1.5 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	138	189.06	620.36	143.85	472.01	143.9	472.0	154.1	505.7	154.1	505.7	
3.0 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	136	371.13	1217.71	282.38	926.52	282.4	926.5	302.6	992.7	302.6	992.7	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	524.22	1719.76	398.86	1308.51	398.9	1308.5	427.4	1402.0	427.4	1402.0	19.03 ft (5.8 m)	✓	n/a	n/a

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

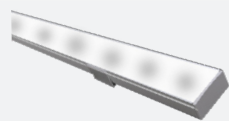
Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens (lm/ft / lm/m)										Max Length	Compatible with Channel		
					with Clear Lens		with Milky Lens		with Black Lens		with Round Lens		with Square Lens			IP20	IP65	IP68
					lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m	lm/ft	lm/m				
3.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	87	245	805	240	788	183	599	240	788	240	788	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	1517	453	1485	344	1130	453	1485	453	1485	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	2628	784	2572	596	1957	784	2572	784	2572	22 ft 11 in. (7 m)	✓	n/a	n/a
4.4 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	45	188.1	617.2	148.5	487.2	138.6	454.7	148.5	487.2	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	243.3	798.5	227.2	745.3	243.3	798.5	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	1673.8	402.6	1320.9	375.8	1232.9	402.6	1320.9	402.6	1320.9	16 ft 4 in. (5 m)	✓	n/a	n/a
3.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	91	257	842	251	824	191	627	205	672	205	672	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	842	251	824	191	627	205	672	205	672	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	1684	502	1648	382	1254	410	1344	410	1344	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	1684	502	1648	382	1254	410	1344	410	1344	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	2924	872	2862	664	2177	711	2333	711	2333	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	2924	872	2862	664	2177	711	2333	711	2333	14 ft 9 in. (4.5 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	194.7	638.8	181.7	308	181.7	596.2	181.7	596.2	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	1342.6	330	1082.7	596.2	1010.5	308	1010.5	308	1010.5	11 ft 6 in (3.5 m)	✓	n/a	n/a
Pixel RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB (all on)	21	115.79	379.44	93.38	306	87.15	285.6	93.38	306	93.38	306	24 ft 7.2 in. (7.5 m)	✓	n/a	n/a
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	33.5	30.8	101.2	23.5	77	23.5	77	25.1	82.5	25.1	82.5	16 ft 5.64 in. (5.02 m)	n/a	n/a	✓ IP67
			Green	82	75.4	247.5	57.4	188.3	57.4	188.3	61.5	201.8	61.5	201.8				
			Blue	15.5	14.2	46.7	10.8	35.6	10.8	35.6	11.6	38.1	11.6	38.1				
			White	103	94.8	310.9	72.1	236.6	72.1	236.6	77.3	253.5	77.3	253.5				
			All	40	222.8	730.8	169.5	556.1	169.5	556.1	181.6	595.8	181.6	595.8				
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	266	873	214.5	704	200.2	657	214.5	704	214.5	704	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



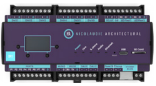
With Visible Diode = Y

Static White & Static Color Series 2 0.75/1.5/2.2/3.0/4.4/5.0/6.0 IP20/IP65/IP68	Static White & Static Color Xacta 1.5/3.0/4.5 IP20	Static White Double Row 3.0/6.0/12.0 IP20	RGBW Series 2 4.4 IP20	RGBW Series 2 5.5 IP65/IP68	RGBW Series 2 8.8 IP20	RGBW/A Double Row 3.0/6.0/12.0 IP20	5-in-1 RGBWW 4.4/8.8 IP20	Warm Dim 5.2 IP20/IP65/IP68	Variable White Series 2 1.0/3.0/6.0 IP20/IP65/IP68	Variable White Double Row 3.0/6.0/12.0 IP20	Pixel RGB 5.3 IP20	RGBW Addressable 6.0 IP67
N	N	N	N	N	N	N	N	N	N	N	N	N

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS			0-10V/ELV/MLV 3-IN-1	ELV	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	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	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
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

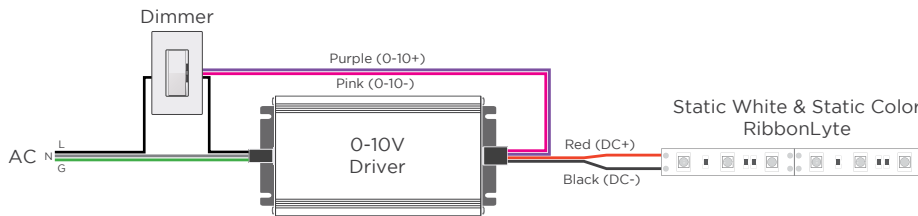
				
GLASS TOUCH WALL CONTROLLERS Part No.: • AWCRCBWWBK • AWCVWBK	1 ZONE WALL CONTROLLER Part No.: DMXCTRLG	5 ZONE WALL CONTROLLER Part No.: DMXCTRL	10 ZONE WALL CONTROLLER Part No.: DMXCTRLD	6 UNIVERSE DMX CONTROLLER Part No.: DMXCTRLR6U
				
VARIABLE WHITE DIMMER Part No.: • RFDIMVWWH (White) • RFDIMVWBK (Black)	WARM DIM DIMMER Part No.: • RFDIMWDWH (White) • RFDIMWDBK (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

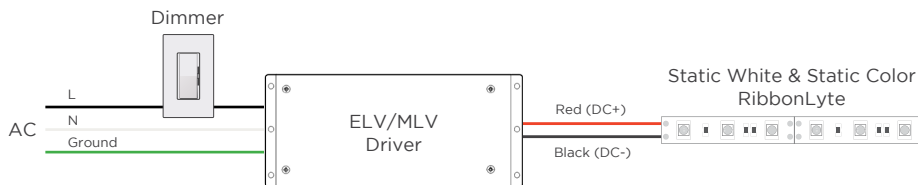
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5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

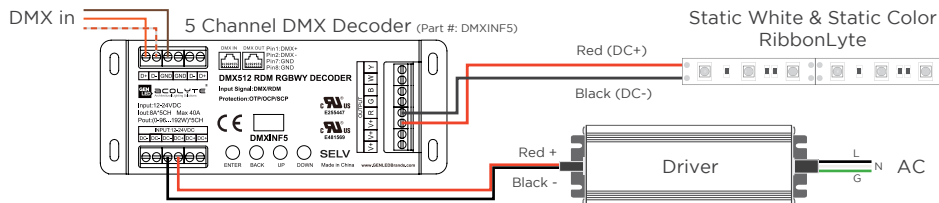
0-10 V



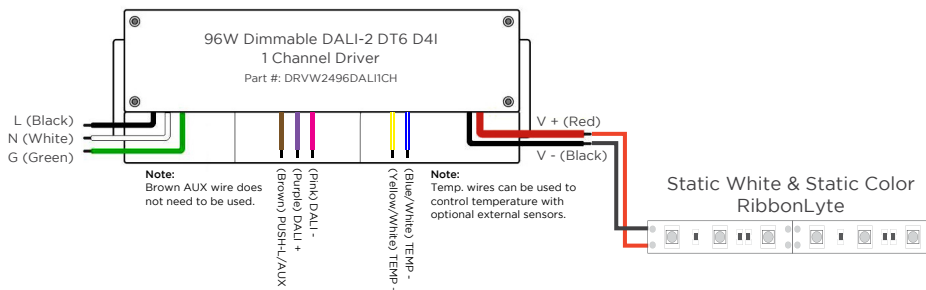
MLV / ELV



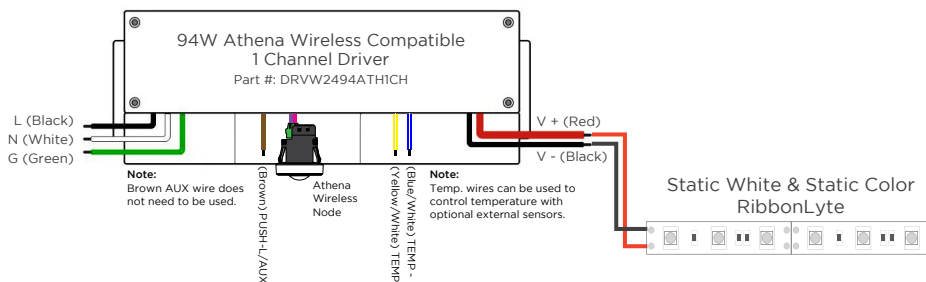
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



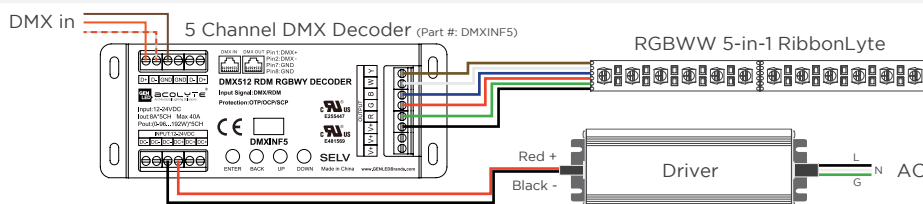
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

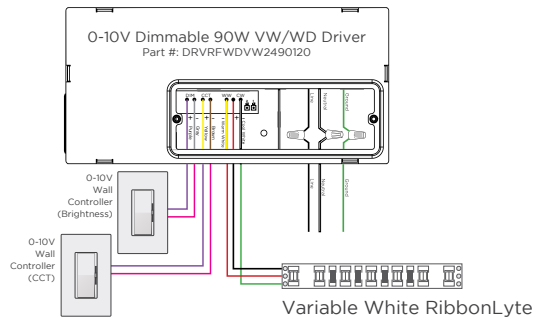
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

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

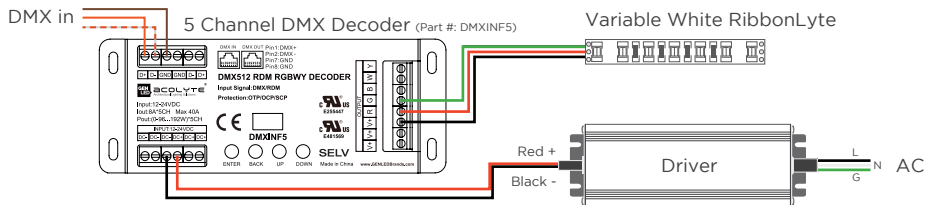


WIRE COLORS PER RIBBONLYTE COLOR

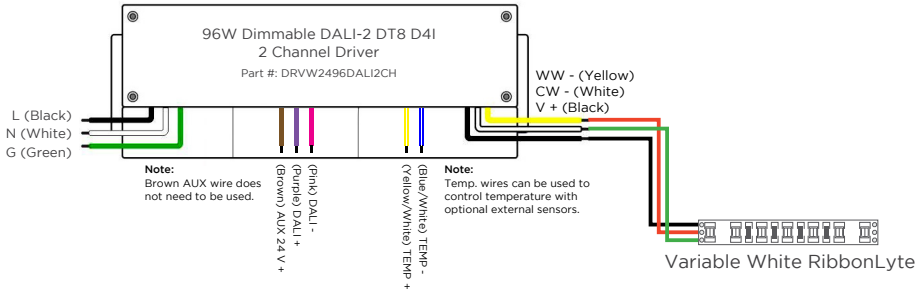
VARIABLE WHITE

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

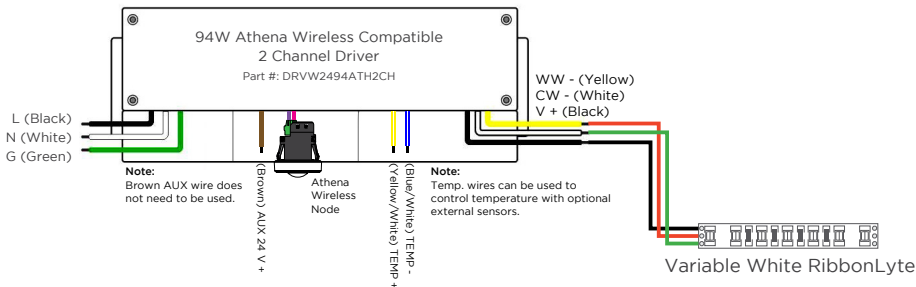
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER

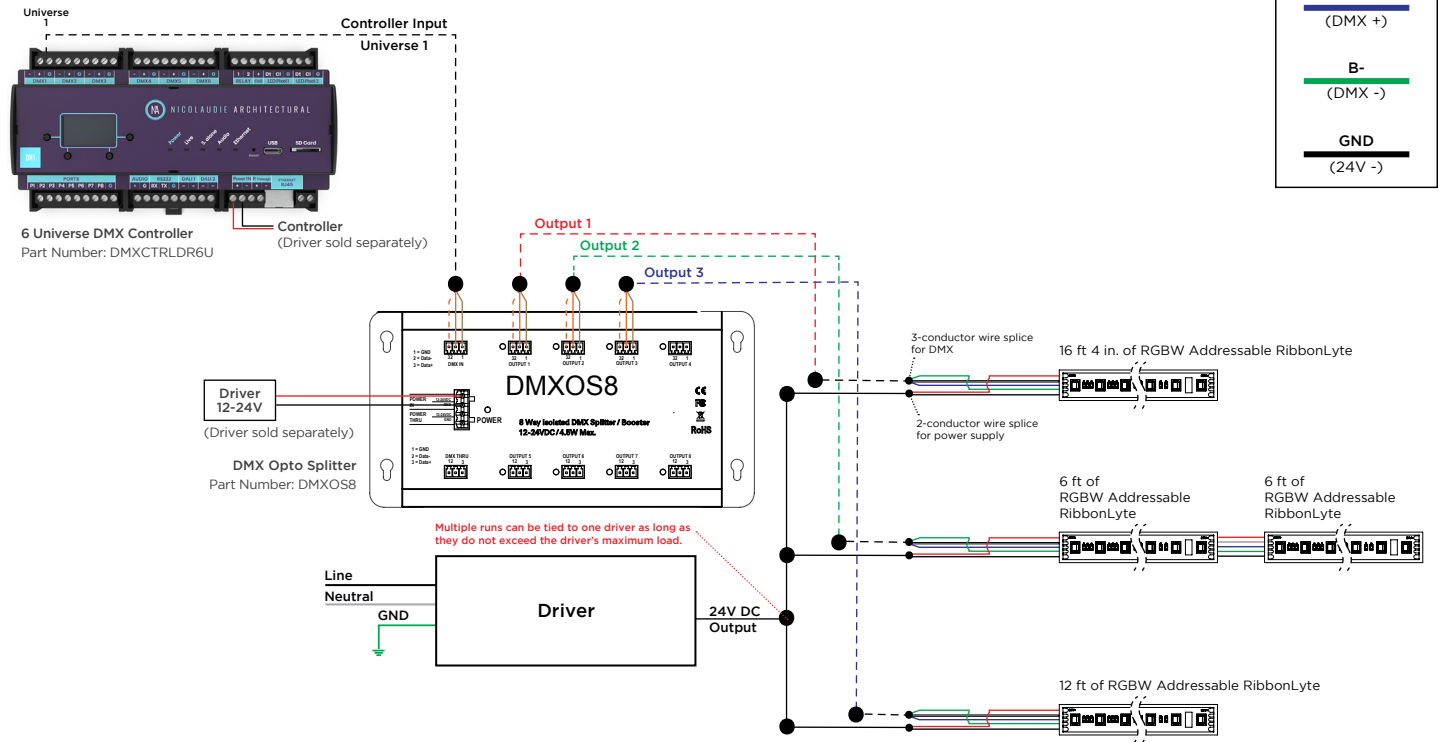


WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

One DMX Universe consists of 128 addresses and 512 channels (42 ft, 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.



REV.15DEC2025

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