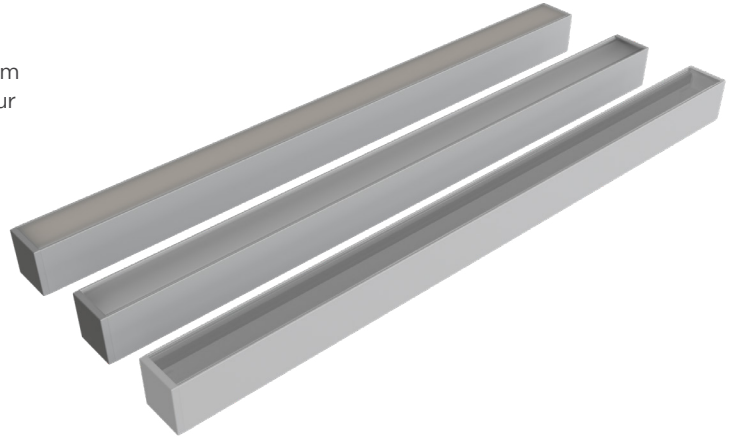


AS11 CHANNEL FIXTURE

AS11 Channel is a small surface mounted aluminum extrusion. With a 100° beam angle, AS11 Channel fits RibbonLyte strips with a maximum width up to 0.41 in. (10.5 mm). Create a custom fixture with AS11, your choice of RibbonLyte and clear, frosted or milky lenses.

- Available for field assembly or factory assembly
- 0.52 in. (13.1 mm) wide by 0.54 in. (13.7 mm) deep
- 100° beam angle
- Wattage Range: 0.75 W/ft (2.46 W/m) to 6.1 W/ft (20 W/m)
- Static White delivered lumen range:
48.51 lm/ft (159.39 lm/m) to 728.64 lm/ft (2390.16 lm/m)
- Clear, Frosted and Milky lenses
- Magnetic mounting option available



HOUSING FINISHES



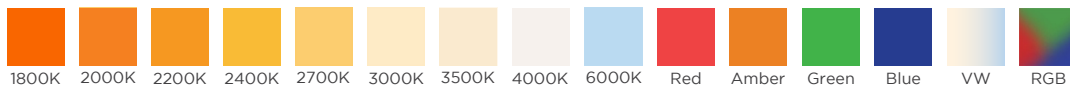
*Additional fee applies



AVAILABLE LENS FINISHES

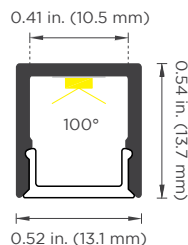


AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

AS11 Channel

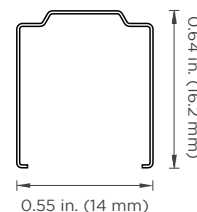


Width: 0.52 in. (13.1 mm)
Height: 0.54 in. (13.7 mm)
Internal Width: 0.41 in. (10.5 mm)

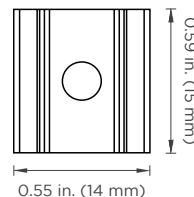
Mounting Clip (included accessory)

Material: stainless steel

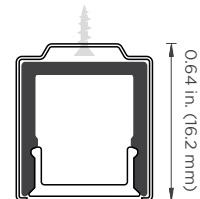
Side View



Top View



Assembled View



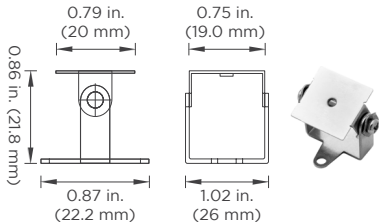
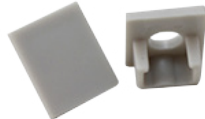
Note:

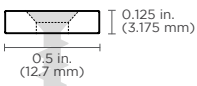
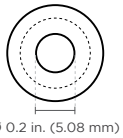
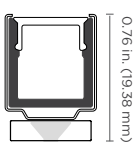
1. **Magnetic mounting** option available (see page 2)
2. **Exterior channel applications** should be securely attached to the mounting surface with appropriate screws and/or liquid nails. Acolyte strongly recommends field assembly for exterior applications. Use mounting clips for interior applications only.

SPECIFICATIONS

Beam Angle	100°
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
Operating Temperature	-40 — 158 °F (-40 — 70 °C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, VW, Pixel (RGB) (Note: 1800K, 2000K, 2200K and Pixel are 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)	End Caps (included accessory)
Material: stainless steel  Assembled Height with Channel: 1.5 in. (38 mm)	Material: ABS 

Magnetic Mount (Part #: CHMAG0.5)			
	Side View 	Top View 	Assembled View 
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
CHAS11		
CHAS11 - AS11 Channel	C - Clear Lens M - Milky Lens F - Frosted Lens	SV - Silver WH - White BK - Black Consult factory for custom colors

STEP 2 Complete RibbonLyte Part Number

CATEGORY	CRI	RIBBON TYPE & IP RATING
RB		
RB - RibbonLyte	0 - Static Color, Color Changing 90 - 90+ CRI Static White	SWS220 - Static White Series 2 IP20 LINEA20 - Linea RibbonLyte IP20 SWS265 - Static White Series 2 IP65 VWS220 - VW Series 2 IP20 SCS220 - Static Color Series 2 IP20 VWS265 - VW Series 2 IP65 SCS265 - Static Color Series 2 IP65 RGBADD - Pixel IP20

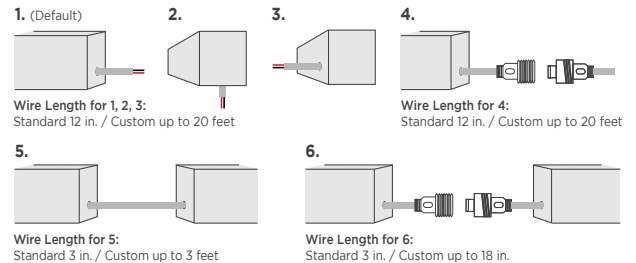
NOTE: To ensure waterproofing standards are met, IP65 RibbonLyte can NOT be cut in the field.

WATTAGE	COLOR
0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)	18 - 1800K R - Red
1.0 - 1.0 W/ft (3.3 W/m - Variable White)	20 - 2000K A - Amber
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)	22 - 2200K G - Green
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)	24 - 2400K B - Blue
2.4 - 2.4 W/ft (8 W/m - Static White)	27 - 2700K RGBS - Pixel (SPI)
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)	30 - 3000K VW - Variable White 2000K-6500K
4.3 - 4.3 W/ft (14 W/m - Static White)	35 - 3500K VW1833 - Variable White 1800K-3300K (IP20)
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color)	40 - 4000K Z - Undecided**
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	60 - 6000K ** For quotes only. Must be chosen before final order.
5.3 - 5.3 W/ft (17.5 W/m - Pixel)	
6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)	
6.1 - 6.1 W/ft (20 W/m - Variable White)	

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

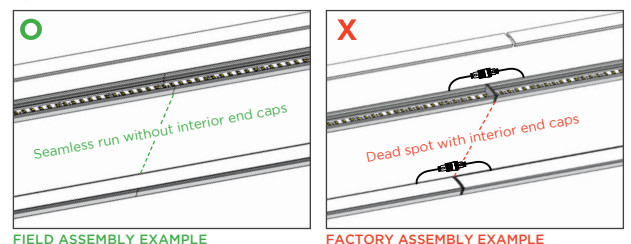
ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 6 ft 6.7 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly* (not recommended for exterior applications)	

* 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

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	CCTs & Colors	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	57.96	190.44	51.66	169.74	48.51	159.39	IP20: 49 ft (15 m)	✓	✓	
			2000K	99	68.36	224.48	60.93	200.08	57.21	187.88				
			2200K	109	75.26	246.56	67.08	219.76	62.99	206.36				
			2400K	113	78.02	255.76	69.54	227.96	65.3	214.06				
			2700K	123	84.64	278.76	75.44	248.46	70.84	233.31	IP65: 32.8 ft (10 m)			
			3000K	123	84.64	278.76	75.44	248.46	70.84	233.31				
			3500K	130	90.16	294.4	80.36	262.4	75.46	246.4				
			4000K	134	92.92	303.6	82.82	270.6	77.77	254.1				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	6000K	131	90.16	296.24	80.36	264.04	75.46	247.94	IP20: 49 ft (15 m) IP65: 32.8 ft (10 m)	✓	✓	
			1800K	84	115.92	379.96	103.32	338.66	97.02	318.01				
			2000K	98	135.24	443.44	120.54	395.24	113.19	371.14				
			2200K	109	150.88	493.12	134.48	439.52	126.28	412.72				
			2400K	113	155.48	511.52	138.58	455.92	130.13	428.12				
			2700K	123	169.28	556.6	150.88	496.1	141.68	465.85				
			3000K	123	169.28	556.6	150.88	496.1	141.68	465.85				
			3500K	129	177.56	584.2	158.26	520.7	148.61	488.95				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	4000K	134	184.92	606.28	164.82	540.38	154.77	507.43	IP20: 42 ft (12.8 m) IP65: 32.8 ft (10 m)	✓	✓	
			6000K	131	181.24	593.4	161.54	528.9	151.69	496.65				
			1800K	83	168.36	551.08	150.06	491.18	140.91	461.23				
			2000K	96	194.12	637.56	173.02	568.26	162.47	533.61				
			2200K	106	214.36	703.8	191.06	627.3	179.41	589.05				
			2400K	111	224.48	736.92	200.08	656.82	187.88	616.77				
			2700K	120	242.88	796.72	216.48	710.12	203.28	666.82				
			3000K	122	246.56	809.6	219.76	721.6	206.36	677.6				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	3500K	127	256.68	842.72	228.78	751.12	214.83	705.32	IP20: 36 ft (11 m) IP65: 32.8 ft (10 m)	✓	✓	
			4000K	133	269.56	883.2	240.26	787.2	225.61	739.2				
			6000K	128	258.52	859.28	230.42	765.88	216.37	719.18				
			1800K	84	230.92	757.16	205.82	674.86	193.27	633.71				
			2000K	98	271.4	890.56	241.9	793.76	227.15	745.36				
			2200K	108	298.08	977.96	265.68	871.66	249.48	818.51				
			2400K	112	309.12	1013.84	275.52	903.64	258.72	848.54				
			2700K	127	350.52	1150	312.42	1025	293.37	962.5				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	3000K	133	367.08	1204.28	327.18	1073.38	307.23	1007.93	IP20: 33 ft 4 in. (10.1 m) IP65: 32.8 ft (10 m)	✓	✓	
			3500K	137	378.12	1240.16	337.02	1105.36	316.47	1037.96				
			4000K	134	369.84	1213.48	329.64	1081.58	309.54	1015.63				
			6000K	132	364.32	1195.08	324.72	1065.18	304.92	1000.23				
			1800K	81	326.6	1070.88	291.1	954.48	273.35	896.28				
			2000K	95	385.48	1265.92	343.58	1128.32	322.63	1059.52				
			2200K	105	425.96	1398.4	379.66	1246.4	356.51	1170.4				
			2400K	109	441.6	1447.16	393.6	1289.86	369.6	1211.21				
5.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2700K	124	502.32	1646.8	447.72	1467.8	420.42	1378.3	28 ft 4 in. (8.64 m)	✓	✓	
			3000K	131	529.92	1739.72	472.32	1550.62	443.52	1456.07				
			3500K	133	538.2	1766.4	479.7	1574.4	450.45	1478.4				
			4000K	133	538.2	1766.4	479.7	1574.4	450.45	1478.4				
			6000K	128	517.96	1699.24	461.66	1514.54	433.51	1422.19				
			1800K	83	383.64	1257.64	341.94	1120.94	321.09	1052.59				
			2000K	98	448.96	1473.84	400.16	1313.64	375.76	1233.54				
			2200K	107	490.36	1609.08	437.06	1434.18	410.41	1346.73				
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	110	506	1659.68	451	1479.28	423.5	1389.08	IP20: 33 ft 4 in. (10.1 m) IP65: 32.8 ft (10 m)	✓	✓	
			2700K	124	570.4	1871.28	508.4	1667.88	477.4	1566.18				
			3000K	134	616.4	2022.16	549.4	1802.36	515.9	1692.46				
			3500K	135	621	2036.88	553.5	1815.48	519.75	1704.78				
			4000K	134	616.4	2022.16	549.4	1802.36	515.9	1692.46				
			6000K	130	598	1961.44	533	1748.24	500.5	1641.64				
			1800K	82	450.8	1478.44	401.8	1317.74	377.3	1237.39				
			2000K	95	524.4	1720.4	467.4	1533.4	438.9	1439.9				
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2200K	106	583.28	1913.6	519.88	1705.6	488.18	1601.6	28 ft (8.5 m)	✓	✓	
			2400K	110	607.2	1991.8	541.2	1775.3	508.2	1667.05				
			2700K	122	673.44	2208.92	600.24	1968.82	563.64	1848.77				
			3000K	132	728.64	2390.16	649.44	2130.36	609.84	2000.46				
			3500K	132	728.64	2390.16	649.44	2130.36	609.84	2000.46				
			4000K	130	717.6	2353.36	639.6	2097.56	600.6	1969.66				
			6000K	128	706.56	2317.48	629.76	2065.58	591.36	1939.63				



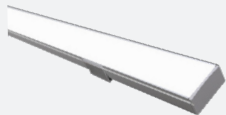
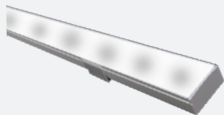
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	CCTs & Colors	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	28.52	93.84	25.42	83.64	23.87	78.54	IP20: 49 ft (15 m)	✓	✓	
			Green	175	120.52	395.6	107.42	352.6	100.87	331.1				
			Blue	19	12.88	42.32	11.48	37.72	10.78	35.42	IP65: 32.8 ft (10 m)			
			Amber	34	23.92	78.2	21.32	69.70	20.02	65.45				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	57.96	190.07	51.66	169.41	48.51	159.08	IP20: 49 ft (15 m)	✓	✓	
			Green	160	220.8	724.22	196.8	645.5	184.8	606.14				
			Blue	18	24.84	81.51	22.14	72.65	20.79	68.22	IP65: 32.8 ft (10 m)			
			Amber	34	46.92	153.92	41.82	137.19	39.27	128.82				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	84.64	277.66	75.44	247.48	70.84	232.39	IP20: 42 ft (12.8 m)	✓	✓	
			Green	145	293.48	962.6	261.58	857.97	245.63	805.65				
			Blue	18	36.8	120.7	32.8	107.58	30.8	101.02	IP65: 32.8 ft (10 m)			
			Amber	33	67.16	220.25	59.86	196.31	56.21	184.34				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	112.24	368.92	100.04	328.82	93.94	308.77	32.8 ft (10 m)	✓	✓	
			Green	127	368	1208.88	328	1077.48	308	1011.78				
			Blue	25	69.92	230	62.32	205	58.52	192.5				
			Amber	29	80.04	261.28	71.34	232.88	66.99	218.68				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	159.16	521.64	141.86	464.94	133.21	436.59	29 ft (8.8 m)	✓	✓	
			Green	117	492.2	1613.68	438.7	1438.28	411.95	1350.58				
			Blue	24	103.04	339.48	91.84	302.58	86.24	284.13				
			Amber	25	101.20	332.12	90.2	296.02	84.7	277.97				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	172.04	563.04	153.34	501.84	143.99	471.24	30 ft (9.14 m)	✓	✓	
			Green	116	547.4	1795.84	487.9	1600.64	458.15	1503.04				
			Blue	24	114.08	375.36	101.68	334.56	95.48	314.16				
			Amber	26	116.84	381.8	104.14	340.3	97.79	319.55				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	198.72	651.36	177.12	580.56	166.32	545.16	28 ft (8.5 m)	✓	✓	
			Green	113	598.92	1966.04	533.82	1752.34	501.27	1645.49				
			Blue	23	130.64	427.8	116.44	381.3	109.34	358.05				
			Amber	24	137.08	448.96	122.18	400.16	114.73	375.76				
2.4 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	67	148.12	485.76	132.02	432.96	123.97	406.56	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	71	156.4	514.28	139.4	458.38	130.9	430.43				
			3500K	83	183.08	601.68	163.18	536.28	153.23	503.58				
			4000K	83	183.08	601.68	163.18	536.28	153.23	503.58				
3.0 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	66	182.16	598	162.36	533	152.46	500.5	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	73	201.48	661.48	179.58	589.58	168.63	553.63				
			3500K	78	215.28	706.56	191.88	629.76	180.18	591.36				
			4000K	83	229.08	751.64	204.18	669.94	191.73	629.09				
4.3 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	75	297.16	973.36	264.86	867.56	248.71	814.66	24.6 ft (7.5 m)	✓	N/A	N/A
			3000K	78	308.2	1012	274.7	902	257.95	847				
			3500K	86	340.4	1116.88	303.4	995.48	284.9	934.78				
			4000K	86	340.4	1116.88	303.4	995.48	284.9	934.78				

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	CCTs & Colors	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
6.1 Variable White Linea	1.09 in. (27.78 mm)	175 LEDs/ft (576 LEDs/m)	2700K + 6500K	95	403.9	1324.79	360	1180.79	338.05	1108.79	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	77	70.47	231.15	62.81	206.03	58.98	193.46	32.8 ft (10 m)	✓	✓	
3.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	73	201.02	659.53	179.17	587.84	168.25	552	32.8 ft (10 m)	✓	✓	
6.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	73	402.41	1319.9	358.67	1176.43	336.8	1104.7	19 ft 8 in. (6 m)	✓	✓	
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	IP20: 2000K + 6500K IP65/IP68: 2000K + 6500K	55	264.96	869.4	236.16	774.90	221.76	727.65	16.4 ft (5 m)	✓	✓	
5.3 Pixel	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	26	126.04	414	112.34	369	105.49	346.5	24 ft 7.2 in. (7.5 m)	✓	N/A	N/A

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 RibbonLyte			Color Changing RibbonLyte							
0.75/1.5/2.2	3.0/4.4	5.0/6.0	5.3 Pixel (RGB)	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	Variable White Series 2	Warm Dim
IP20 IP65	IP20 IP65	IP20 IP65	IP20	IP20	IP65 IP68	IP20	IP20	IP20	IP20 IP65	IP20 IP65
N	N	N	N	N	N	N	N	N	N	N

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

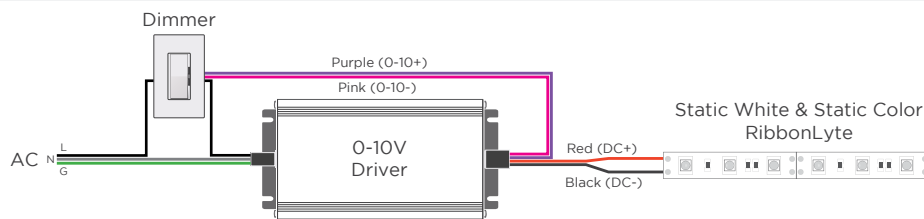
NON-DIMMING ELECTRONIC DRIVERS		ELV & MLV DRIVERS		DIMMABLE DALI DRIVERS	
					
30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers Part No.: • DRVW2430 (30 Watt) • DRVW2460 (60 Watt) • DRVW2496 (96 Watt) Output Voltage: 24 VDC Input Voltage: 120-277 VAC IP65, dry/damp location UL Listed	240W, 320W Non-Dimming Electronic Drivers Part No.: • DRVW24240 (240 Watt) • DRVW24320 (320 Watt) Output Voltage: 24 VDC Input Voltage: 90-305 VAC IP65, dry/damp location UL Recognized	60W, 96W Non-Dimming Compact Drivers Part No.: • DRV2460C (60 Watt) • DRV2496C (96 Watt) Output Voltage: 24 VDC Input Voltage: 120-277 VAC IP20, dry location UL Class P	60W, 96W, 150W, 300W ELV/MLV Dimmable Drivers Part No.: • DRVW2460ELVMLV (60 Watt) • DRVW2496ELVMLV (96 Watt) • DRVW24150ELVMLV (150 Watt) • DRVW24300ELVMLV (300 Watt) Line Voltage Dimmable Drivers Output Voltage: 24 VDC Input Voltage: 100-277 VAC IP67, damp/wet location UL, CE, and CSA Listed	100W 1 Channel, 100W 2 Channel, 150W 4 Channel Dimmable DALI Drivers Part No.: • DRV100DALI1CH (100W 1 channel) • DRV100DALI2CH (100W 2 channel) • DRV150DALI4CH (150W 4 channel) Output Voltage: 24 VDC Input Voltage: 120-277 VAC IP20, dry location CE, UL Recognized, FCC, RoHS, SELV	
0-10V DRIVERS		ATHENA WIRELESS COMPATIBLE		DIMMABLE DALI-2 DRIVERS	
					
0-10V Dimmable Waterproof Drivers • Part No.: DRVW249610P (96 Watt) • Part No.: DRVW2428810P (288 Watt) Output Voltage: 24 VDC (+/- 0.5 V) Input Voltage: 100-277 VAC UL wet location UL Listed	0-10V Dimmable 90W VW/WD Driver • Part No.: DRVRFWDVW2490120 Output Voltage: 24 VDC Input Voltage: 100-277 VAC IP23, dry/damp location UL Listed	94W Athena Wireless Compatible Drivers • Part No.: DRVW2494ATH1CH (1 channel) • Part No.: DRVW2494ATH2CH (2 channel) Output Voltage: 24 VDC Input Voltage: 100-277 VAC Dry location UL Listed		96W DIMMABLE DALI-2 DT6 D4I & DALI-2 DT8 D4I DRIVERS • Part No.: DRVW2496DALI1CH (1 channel) • Part No.: DRVW2496DALI2CH (2 channel) Output Voltage: 24-26 VDC Input Voltage: 120-277 VAC IP67, wet location UL Listed	
DMX CONTROLLERS, VARIABLE WHITE DIMMER, WARM DIM DIMMER - FOR COLOR CHANGING FIXTURES					
					
GLASS TOUCH WALL CONTROLLERS Part No.: AWCRGBWWBK 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.: RFDIMWDWH (White) RFDIMWDBK (Black)	4 CHANNEL WATERPROOF DMX INTERFACE Part No.: DMXINFWLCD4	5 CHANNEL DMX INTERFACE Part No.: DMXINFOLED5	DMX OPTO SPLITTER Part No.: DMXOS8	

DRIVER AND RIBBONLYTE AT FULL LOAD

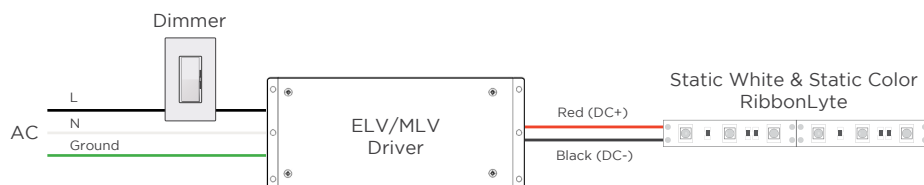
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5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

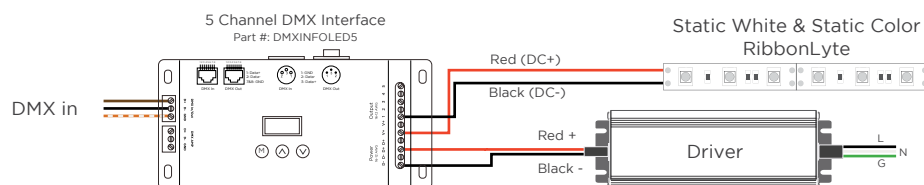
0-10 V



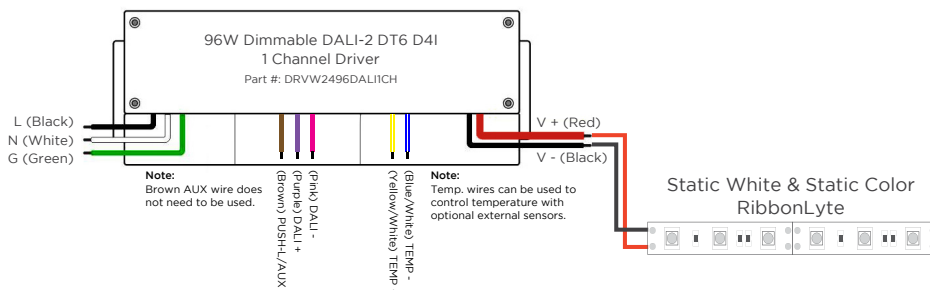
MLV / ELV



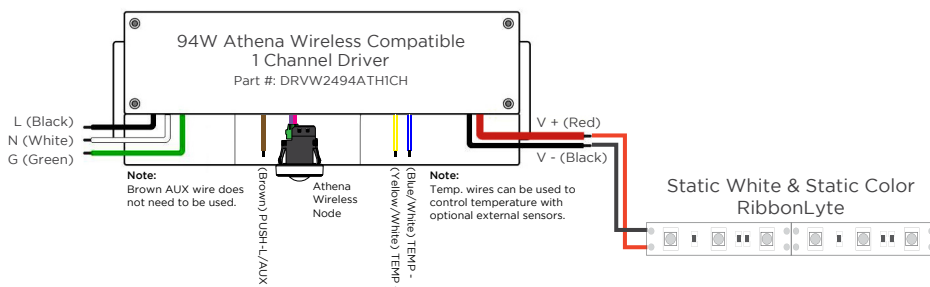
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



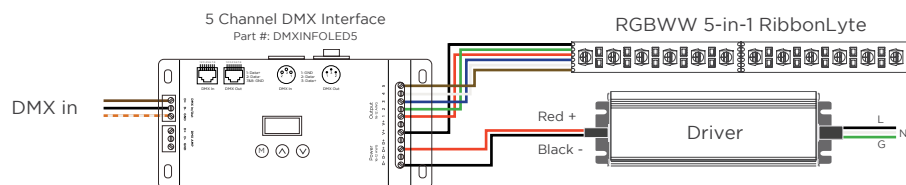
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

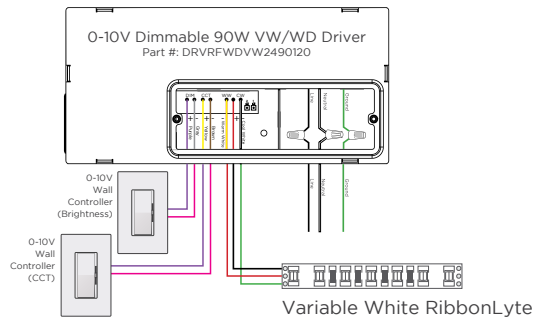
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

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

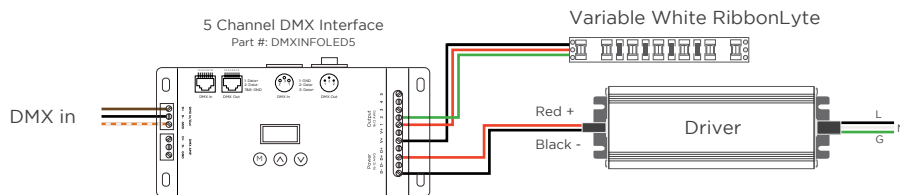


WIRE COLORS PER RIBBONLYTE COLOR

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.19FEB2025

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
Shenxi 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