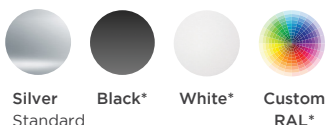


AS6 CHANNEL FIXTURE

Our AS6 Channel Fixture is a medium width, low profile channel with a 110-degree beam angle ideal for a wide, even spread of light. This channel is ideal for cove and toe kick applications, and can also be used in conjunction with our tiltable stands. The AS6 Channel includes choice of clear, frosted or milky lens. Custom design a fixture with our AS6 Channel and RibbonLyte products.

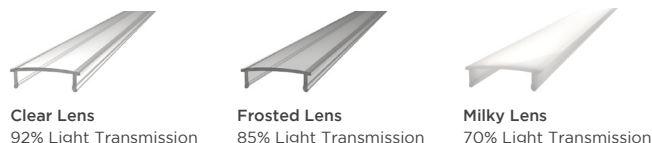
- Available for field assembly or factory assembly
- Beam Angle 110°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 8.8 W/ft (28.9 W/m)
- Static White delivered lumen range from 44.1 lm/ft (144.6 lm/m) up to 729 lm/ft (2392.5 lm/m)
- Assembled in USA

HOUSING FINISHES

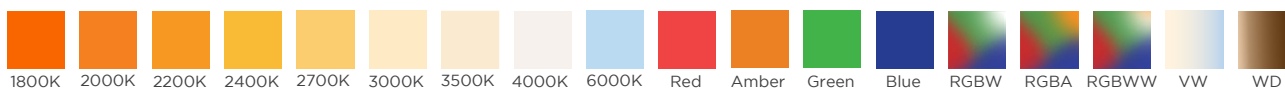


*Additional fee applies

AVAILABLE LENS FINISHES



AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

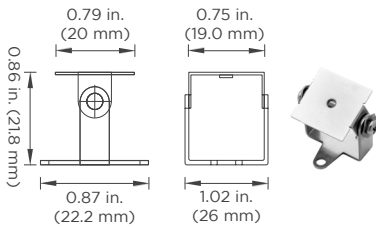
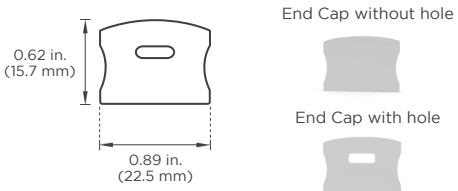
AS6 Channel	Mounting Clip (Included Accessory)		
Width: 0.89 in. (22.5 mm) Height: 0.62 in. (15.7 mm) Internal Width: 0.71 in. (18 mm)	Material: stainless steel		
	Side View Width: 0.36 in. (9.14 mm) Length: 1.01 in. (25.7 mm) Height: 0.36 in. (9.14 mm)	Top View Width: 0.35 in. (9 mm) Length: 1.01 in. (25.7 mm) Hole Diameter: 0.16 in. (4 mm)	Assembled View Height: 0.68 in. (17.3 mm) Width: 1.01 in. (25.7 mm)
Note: 1. Each section of channel includes 3 mounting clips. 2. Magnetic mounting option available (see page 2) 3. 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.			

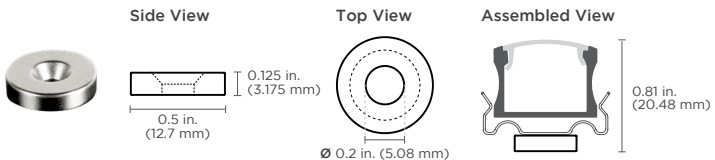


SPECIFICATIONS

Beam Angle	110°
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, RGBA, RGBW, RGBWW, VW, Warm Dim, RGBW Addressable (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)	End Caps (Included Accessory)
 Assembled Height with Channel: 1.22 in. (31 mm)	Material: ABS  End Cap without hole End Cap with hole

Magnetic Mount (Part #: CHMAG0.5)	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
CHAS6		
CHAS6 - AS6 Channel	C - Clear Lens* M - Milky Lens F - Frosted Lens * Clear lens is the default option if not specified.	SV - Silver (default) 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 VWS220 - VW Series 2 IP20 SWS265 - Static White Series 2 IP65 RGBWADD - Addressable RGBW VWS265 - VW Series 2 IP65 SWS268 - Static White Series 2 IP68 RGBWS220 - RGBW Series 2 IP20 VWS268 - VW Series 2 IP68 SCS220 - Static Color Series 2 IP20 RGBWS265 - RGBW Series 2 IP65 WD20 - Warm Dim IP20 SCS265 - Static Color Series 2 IP65 RGBWS268 - RGBW Series 2 IP68 WD65 - Warm Dim IP65 SCS268 - Static Color Series 2 IP68 RGBWW20 - RGBWW 5-in-1 IP20 WD68 - Warm Dim IP68 XACTA20 - Xacta RibbonLyte IP20

NOTE: To ensure waterproofing standards are met, IP65 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, Variable White)
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)
2.4 - 2.4 W/ft (8 W/m - Static White Linea)
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)
4.3 - 4.3 W/ft (14 W/m - Static White Linea)
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)
4.5 - 4.5 W/ft (14.8 W/m - Static White, Variable White)
5.0 - 5.0 W/ft (16.4 W/m - 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)
6.1 - 6.1 W/ft (20 W/m - Variable White Linea)
8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW)

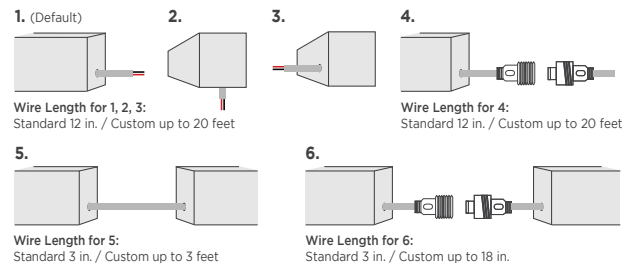
COLOR

18 - 1800K	VW - Variable White
20 - 2000K	RGB27 - Red, Green, Blue + 2700K
22 - 2200K	RGB30 - Red, Green, Blue + 3000K
24 - 2400K	RGB40 - Red, Green, Blue + 4000K
27 - 2700K	RGB2465 - Red, Green, Blue + 2400K + 6500K
30 - 3000K	RGBA - Red, Green, Blue + Amber
35 - 3500K	RGBW30 - RGB + 3000K Addressable
40 - 4000K	RGBW40 - RGB + 4000K Addressable
60 - 6000K	RGBW60 - RGB + 6000K Addressable
R - Red	2920 - Warm Dim 2900K - 2000K (IP20)
A - Amber	2721 - Warm Dim 2700K - 2100K (IP65+IP68)
G - Green	Z - Undecided**
B - Blue	** For quotes only. Must be chosen before final order.

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.)



STEP 3 Complete Assembly Option & Length

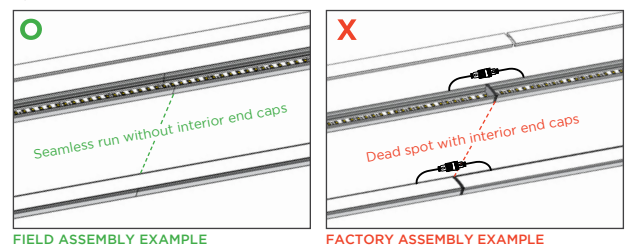
ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 6 ft 6.7 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly* (not recommended for exterior applications)	

* 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	CHMAGO.5 - Magnetic Mount
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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
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/ IP68: 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	80.1	70.4	230.9				
			6000K	131	90.4	296.5	83.5	273.9	68.8	225.7				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	115.9	380.2	107.1	351.3	88.2	289.3	IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			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				
			4000K	134	184.9	606.5	170.9	560.6	140.7	461.5				
			6000K	131	180.8	593	167	547.8	137.6	451.3				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	168	551	155.2	509.1	127.8	419.2	IP20: 42 ft (12.8 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			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				
			3500K	127	257	843	237.5	779	195.6	641.6				
			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				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109.8	303.1	994.1	280.1	918.6	230.6	756.5	IP20: 36 ft (11 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			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				
			6000K	127	350.8	1150.5	323.7	1061.8	266.6	874.5				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109	441.2	1447	407.7	1337.1	335.7	1101.2	28 ft 4 in. (8.64 m)	✓	✓	✓
			2700K	122	494.4	1621.6	456.3	1496.6	375.8	1232.5				
			3000K	129	522.8	1714.7	482.5	1582.5	397.3	1303.2				
			3500K	132	534.9	1754.5	493.7	1619.3	406.6	1333.5				
			4000K	132	534.9	1754.5	493.7	1619.3	406.6	1333.5				
			6000K	126	510.6	1674.8	471.2	1545.7	388.1	1272.9				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109.8	505.1	1656.8	466.8	1531	384.4	1260.8	IP20: 33 ft 4 in. (10.1 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			2700K	122.9	566.1	1856.7	522.4	1713.6	430.2	1411.2				
			3000K	130	598.5	1963.2	552.4	1811.9	454.9	1492.1				
			3500K	133	612.5	2008.9	565.3	1854	465.5	1526.8				
			4000K	133	612.5	2008.9	565.3	1854	465.5	1526.8				
			6000K	127	584.6	1917.6	539.6	1769.7	444.3	1457.4				
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109	601.6	1973.2	555.9	1823.4	457.8	1501.6	28 ft (8.5 m)	✓	✓	✓
			2700K	122	674.2	2211.3	622.2	2040.8	512.4	1680.7				
			3000K	129	712.9	2338.2	657.9	2157.9	541.8	1777.1				
			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				



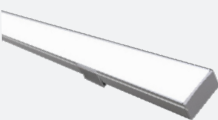
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

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/ IP68: 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/ IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	160	221	724	204	669	168	551.1				
			Blue	18	25	81	23	75	19	62				
			Amber	34	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/ IP68: 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	242.46				
			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	509.712	28 ft (8.5 m)	✓	✓	✓
			Green	113	624.4	2048.2	576.3	1890.3	474.6	1556.69				
			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 lm/ft	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	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		
									IP20	IP65	IP68
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85.0	78.2 lm/ft (257 lm/m)	72.3 lm/ft (237 lm/m)	60 lm/ft (200 lm/m)	32.8 ft (10 m)	✓	✓	✓
3.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	80.0	220.8 lm/ft (725 lm/m)	205.0 lm/ft (670 lm/m)	168.0 lm/ft (551.2 lm/m)	32.8 ft (10 m)	✓	✓	✓
6.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	75.0	415 lm/ft (1,362 lm/m)	382.5 lm/ft (1255 lm/m)	315.0 lm/ft (1033.5 lm/m)	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 lm/ft (617.2 lm/m) All LEDs at 100%	168.3 lm/ft (552.2 lm/m) All LEDs at 100%	148.5 lm/ft (487.2 lm/m) All LEDs at 100%	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 lm/ft (1013.0 lm/m) All LEDs at 100%	275.8 lm/ft (904.9 lm/m) All LEDs at 100%	243.3 lm/ft (798.5 lm/m) All LEDs at 100%	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 lm/ft (1673.8 lm/m) All LEDs at 100%	456.3 lm/ft (1497.1 lm/m) All LEDs at 100%	402.6 lm/ft (1320.9 lm/m) All LEDs at 100%	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 lm/ft (792.1 lm/m) All LEDs at 100%	220.7 lm/ft (724.0 lm/m) All LEDs at 100%	194.7 lm/ft (638.8 lm/m) All LEDs at 100%	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 lm/ft (1342.6 lm/m) All LEDs at 100%	374.0 lm/ft (1227.1 lm/m) All LEDs at 100%	330.0 lm/ft (1082.7 lm/m) All LEDs at 100%	11 ft 6 in. (3.5 m)	✓	N/A	N/A
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	33.5	30.8 lm/ft (101.2 lm/m)	28.5 lm/ft (93.5 lm/m)	23.5 lm/ft (77 lm/m)	16 ft 5.64 in. (5.02 m)	N/A	N/A	✓ IP67
			Green	82	75.4 lm/ft (247.5 lm/m)	69.7 lm/ft (228.7 lm/m)	57.4 lm/ft (188.3 lm/m)				
			Blue	15.5	14.2 lm/ft (46.7 lm/m)	13.2 lm/ft (43.2 lm/m)	10.8 lm/ft (35.6 lm/m)				
			White	103	94.8 lm/ft (310.9 lm/m)	87.6 lm/ft (287.3 lm/m)	72.1 lm/ft (236.6 lm/m)				
			All	40	222.8 lm/ft (730.8 lm/m)	205.8 lm/ft (675.2 lm/m)	169.5 lm/ft (556.1 lm/m)				
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	263.1 lm/ft (863 lm/m)	244.8 lm/ft (803.25 lm/m)	201.6 lm/ft (661.5 lm/m)	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 RibbonLyte			Color Changing RibbonLyte						
0.75/1.5/2.2	3.0/4.4	5.0/6.0	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 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20	IP65 IP68	IP20	IP20	IP20	IP20 IP65 IP68	IP20 IP65 IP68
N	N	N	N	N	N	Y	Y	N	N

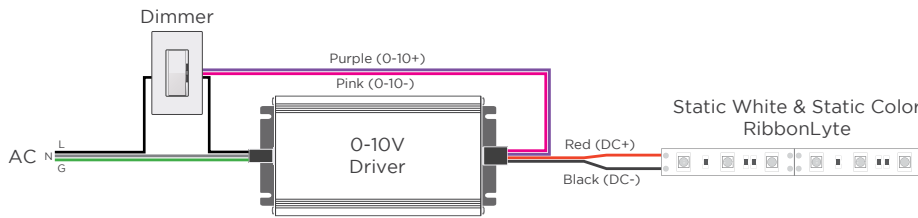
AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

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	
						
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
						
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 DECODER Part No.: DMXINF5
						
						DMX OPTO SPLITTER Part No.: DMXOS8

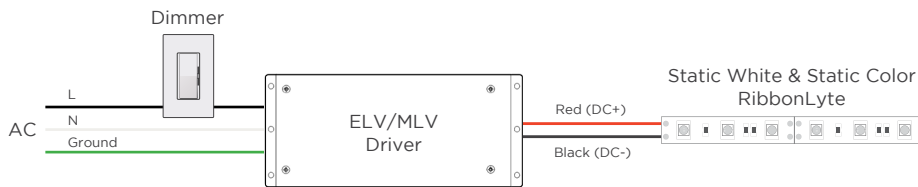
DRIVER AND RIBBONLYTE AT FULL LOAD																
Wattages	30		60		96		150		200		240		300		320	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 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

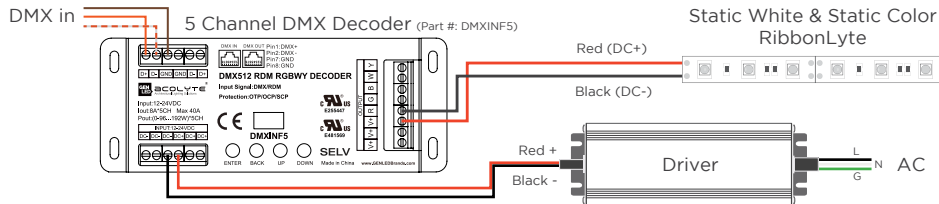
0-10 V



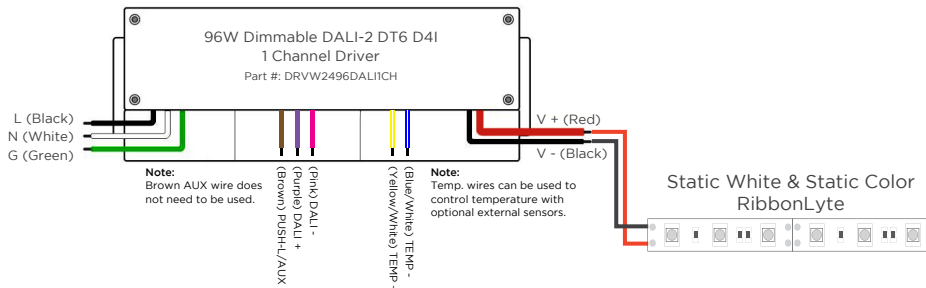
MLV / ELV



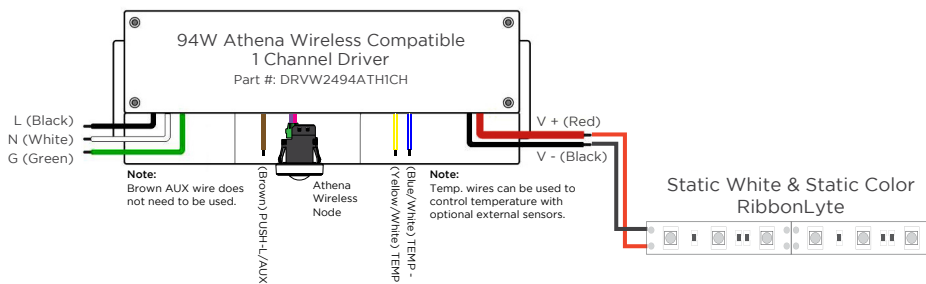
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



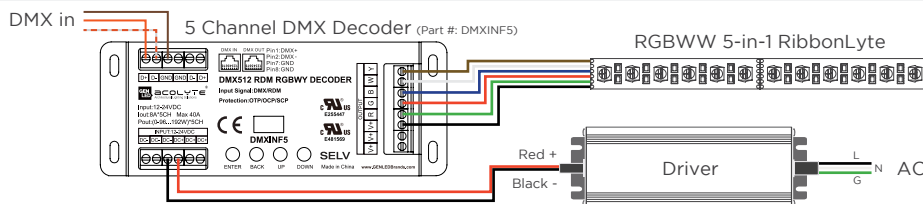
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

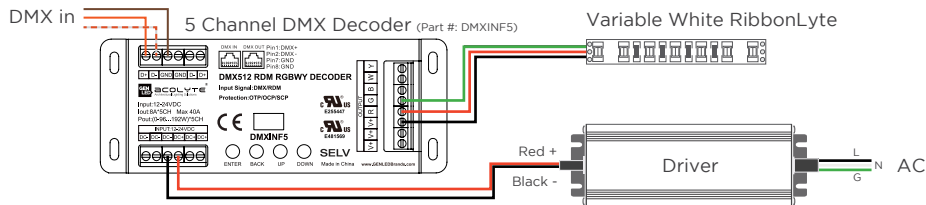


WIRE COLORS PER RIBBONLYTE COLOR

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

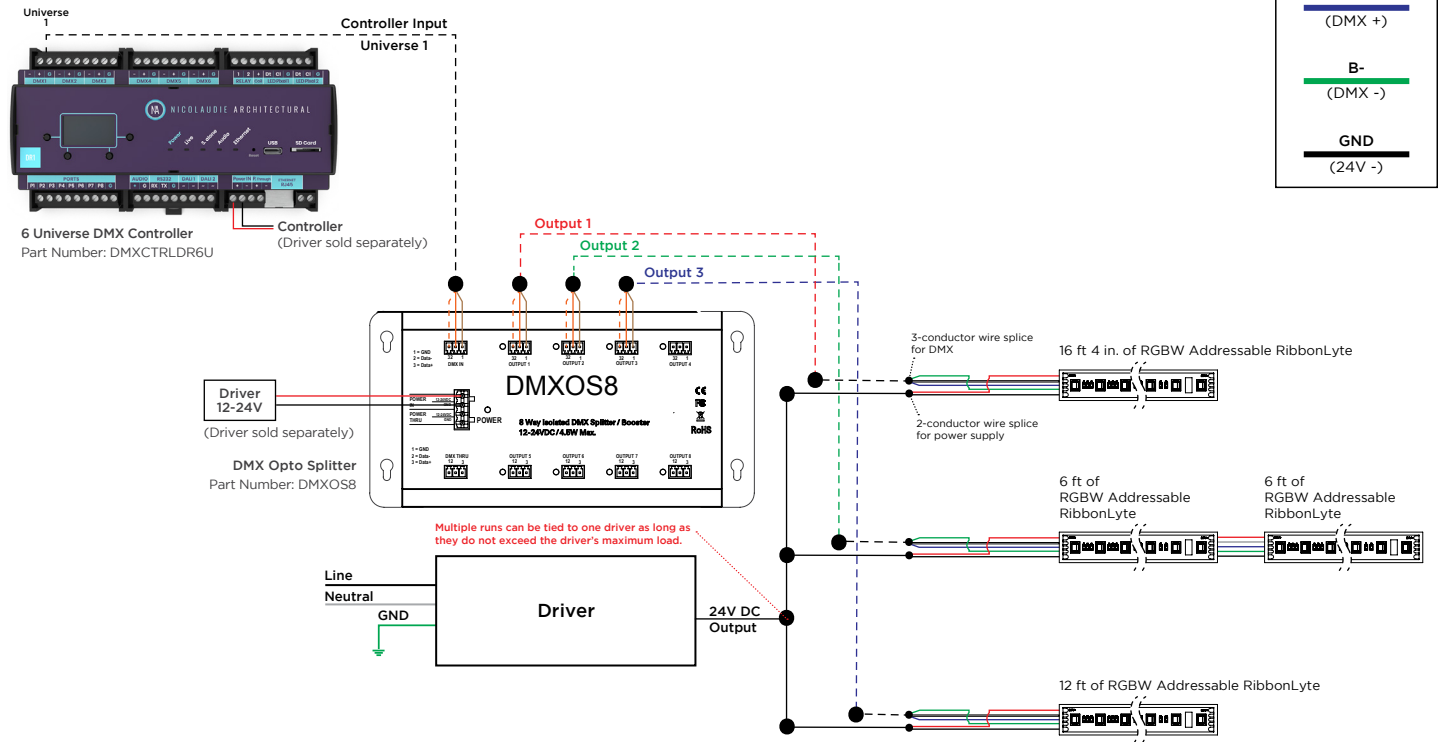


WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

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.



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