

AC4 CHANNEL FIXTURE

AC4 Channel is a large, deep aluminum extrusion with a 132-degree beam angle ideal for a wide, even spread of light. This channel is designed for use with a mounting clip in corner and angled applications and includes a choice of frosted or milky lens. Custom design a fixture with our AC4 Channel Fixture and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 132°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 8.8 W/ft (28.9 W/m)
- Static White delivered lumen range from 44.1 lm/ft (144.6 lm/m) up to 729.4 lm/ft (2392.5 lm/m)
- Assembled in USA
- For interior applications only

HOUSING FINISHES



Silver

AVAILABLE LENS FINISHES

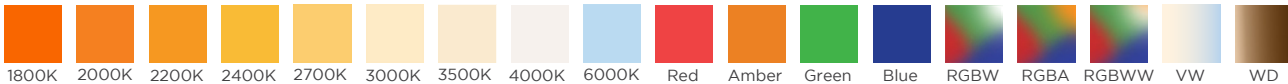


Frosted Lens
85% Light Transmission



Milky Lens
70% Light Transmission

AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

AC4 Channel	Mounting Clip (Included Accessory)
Width: 1.18 in. (30 mm) Height: 1.18 in. (30 mm) Internal Width: 0.77 in. (19.6 mm)	Material: stainless steel
	Top View Length: 1.35 in. (34.3 mm) Width: 0.71 in. (18 mm) Side View / Assembled View Height: 1.32 in. (33.5 mm) Flange Width: 0.25 in. (6.4 mm)
	Note: Each section of channel includes 3 mounting clips.



RoHS

Declare.



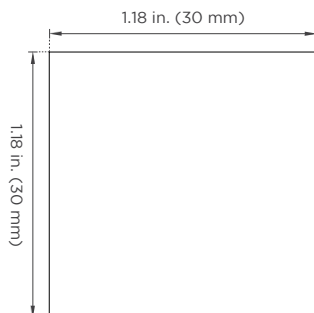
SPECIFICATIONS

Beam Angle	132°
Lens Type	Frosted Lens, Milky Lens
Length	Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.
Operating Voltage	24V
Dimming	MLV / 0-10 Volt / ELV / DALI / DMX
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBW, RGBWW, RGBA, VW, Warm Dim, RGBW Addressable (1800K, 2000K, 2200K only available in IP20)
CRI	90+ CRI (Static white only)
Lamp Life	L70 at 50,000 Hours
MacAdam Ellipses (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 Luminaries; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant

ACCESSORIES

End Cap

Material: ABS



End Cap without hole



End Cap with hole



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

ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHAC4		SV
CHAC4 - AC4 Channel	F - Frosted Lens M - Milky Lens	SV - Silver

STEP 2 Complete RibbonLyte Part Number

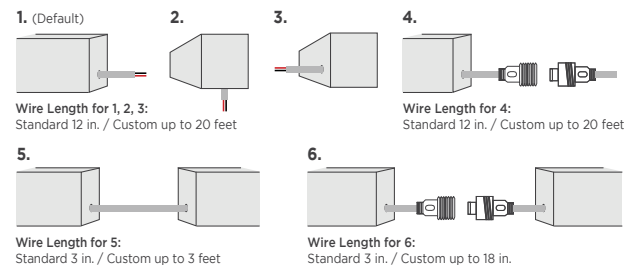
CATEGORY	CRI	RIBBON TYPE & IP RATING		
RB				
RB - RibbonLyte	0 - Static Color, Color Changing	LINEA20 - Linea RibbonLyte IP20	RGBWW20 - RGBWW 5-in-1 IP20	VWS220 - VW Series 2 IP20
	90 - 90+ CRI Static White	SWS220 - Static White Series 2 IP20	RGBWS220 - RGBW Series 2 IP20	VWS265 - VW Series 2 IP65
		SWS265 - Static White Series 2 IP65	RGBWS265 - RGBW Series 2 IP65	WD20 - Warm Dim IP20
		SCS220 - Static Color Series 2 IP20	RGBWADD - Addressable RGBW IP67	WD65 - Warm Dim IP65
		SCS265 - Static Color Series 2 IP65		

NOTE: To ensure waterproofing standards are met, IP65, IP67, and IP68 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 VW - Variable White
1.0 - 1.0 W/ft (3.3 W/m - Variable White)	20 - 2000K RGB27 - Red, Green, Blue + 2700K
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)	22 - 2200K RGB30 - Red, Green, Blue + 3000K
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)	24 - 2400K RGB40 - Red, Green, Blue + 4000K
2.4 - 2.4 W/ft (8 W/m - Static White Linea)	27 - 2700K RGB2465 - Red, Green, Blue + 2400K + 6500K
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)	30 - 3000K RGBA - Red, Green, Blue + Amber
4.3 - 4.3 W/ft (14 W/m - Static White Linea)	35 - 3500K RGBW30 - RGB + 3000K Addressable
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)	40 - 4000K RGBW40 - RGB + 4000K Addressable
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	60 - 6000K RGBW60 - RGB + 6000K Addressable
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)	R - Red 2920 - Warm Dim 2900K - 2000K (IP20)
5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)	A - Amber 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White, RGBW Addressable)	G - Green Z - Undecided**
6.1 - 6.1 W/ft (20 W/m - Variable White Linea)	B - Blue ** For quotes only. Must be chosen before final order.
8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW, 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

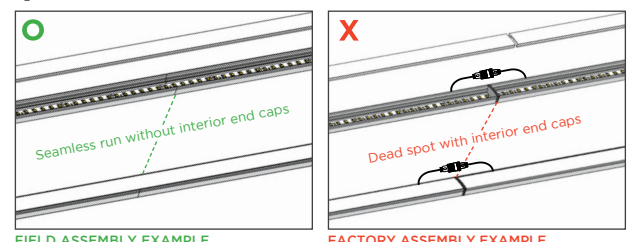


STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 6 ft 6.7 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly*	

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

DO NOT BUTT END CAPS AGAINST EACH OTHER WHEN CREATING LONGER FIXTURES
Acolyte STRONGLY SUGGESTS field assembly (without using interior end caps) for direct-view fixtures of more than 6 ft 6.7 in. (2 m) in length. Field assembly without interior end caps will eliminate gaps or dead spots that can be caused by butting interior end caps against each other.



RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel		
								IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	53.6 lm/ft (175.8 lm/m)	44.1 lm/ft (144.6 lm/m)	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	
			2000K	99	63.1 lm/ft (207 lm/m)	52 lm/ft (170.6 lm/m)				
			2200K	109	69.5 lm/ft (228 lm/m)	57.2 lm/ft (187.6 lm/m)				
			2400K	113	72.0 lm/ft (236.2 lm/m)	59.3 lm/ft (194.5 lm/m)				
			2700K	123	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3000K	123	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3500K	130	82.9 lm/ft (272 lm/m)	68.3 lm/ft (224 lm/m)				
			4000K	134	85.4 lm/ft (280.1 lm/m)	70.4 lm/ft (230.9 lm/m)				
			6000K	131	83.5 lm/ft (273.9 lm/m)	68.8 lm/ft (225.7 lm/m)				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	107.1 lm/ft (351.3 lm/m)	88.2 lm/ft (289.3 lm/m)	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	
			2000K	98	125 lm/ft (410 lm/m)	102.9 lm/ft (337.5 lm/m)				
			2200K	109	139 lm/ft (455.9 lm/m)	114.5 lm/ft (375.6 lm/m)				
			2400K	113	144.1 lm/ft (472.6 lm/m)	118.7 lm/ft (389.3 lm/m)				
			2700K	123	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3000K	123	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3500K	129	164.5 lm/ft (539.6 lm/m)	135.5 lm/ft (444.4 lm/m)				
			4000K	134	170.9 lm/ft (560.6 lm/m)	140.7 lm/ft (461.5 lm/m)				
			6000K	131	167 lm/ft (547.8 lm/m)	137.6 lm/ft (451.3 lm/m)				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	155.2 lm/ft (509.1 lm/m)	127.8 lm/ft (419.2 lm/m)	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	
			2000K	96	179.5 lm/ft (588.8 lm/m)	147.8 lm/ft (484.8 lm/m)				
			2200K	106	198.2 lm/ft (650.1 lm/m)	163.2 lm/ft (535.3 lm/m)				
			2400K	111	207.6 lm/ft (680.9 lm/m)	170.9 lm/ft (560.6 lm/m)				
			2700K	120	224.4 lm/ft (736 lm/m)	184.8 lm/ft (606.1 lm/m)				
			3000K	122	228.1 lm/ft (748.2 lm/m)	187.9 lm/ft (616.3 lm/m)				
			3500K	127	237.5 lm/ft (779 lm/m)	195.6 lm/ft (641.6 lm/m)				
			4000K	133	248.7 lm/ft (779 lm/m)	204.8 lm/ft (671.7 lm/m)				
			6000K	128	239.4 lm/ft (785.2 lm/m)	197.1 lm/ft (646.5 lm/m)				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109.8	280.1 lm/ft (918.6 lm/m)	230.6 lm/ft (756.5 lm/m)	IP20: 36 ft (11 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	
			2700K	122.9	313.5 lm/ft (1028.1 lm/m)	258.1 lm/ft (846.7 lm/m)				
			3000K	130	331.4 lm/ft (1087.1 lm/m)	273 lm/ft (895.3 lm/m)				
			3500K	133	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
			4000K	133	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
			6000K	127	323.7 lm/ft (1061.8 lm/m)	266.6 lm/ft (874.5 lm/m)				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109	407.7 lm/ft (1337.1 lm/m)	335.7 lm/ft (1101.2 lm/m)	28 ft 4 in (8.64 m)	✓	✓	
			2700K	122	456.3 lm/ft (1496.6 lm/m)	375.8 lm/ft (1232.5 lm/m)				
			3000K	129	482.5 lm/ft (1582.5 lm/m)	397.3 lm/ft (1303.2 lm/m)				
			3500K	132	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
			4000K	132	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
			6000K	126	471.2 lm/ft (1545.7 lm/m)	388.1 lm/ft (1272.9 lm/m)				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109.8	466.8 lm/ft (1531 lm/m)	384.4 lm/ft (1260.8 lm/m)	28 ft 4 in. (8.64 m)	✓	✓	
			2700K	122.9	522.4 lm/ft (1713.6 lm/m)	430.2 lm/ft (1411.2 lm/m)				
			3000K	130	552.4 lm/ft (1811.9 lm/m)	454.9 lm/ft (1492.1 lm/m)				
			3500K	133	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
			4000K	133	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
			6000K	127	539.6 lm/ft (1769.7 lm/m)	444.3 lm/ft (1457.4 lm/m)				
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109	555.9 lm/ft (1823.4 lm/m)	457.8 lm/ft (1501.6 lm/m)	28 ft (8.5 m)	✓	✓	
			2700K	122	622.2 lm/ft (2040.8 lm/m)	512.4 lm/ft (1680.7 lm/m)				
			3000K	129	657.9 lm/ft (2157.9 lm/m)	541.8 lm/ft (1777.1 lm/m)				
			3500K	132	673.2 lm/ft (2208.1 lm/m)	554.4 lm/ft (1818.4 lm/m)				
			4000K	132	673.2 lm/ft (2208.1 lm/m)	554.4 lm/ft (1818.4 lm/m)				
			6000K	126	642.6 lm/ft (2107.7 lm/m)	529.2 lm/ft (1735.8 lm/m)				

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel		
								IP20	IP65	IP68
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	26 lm/ft (86 lm/m)	22 lm/ft (70.6 lm/m)	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	
			Green	175	112 lm/ft (366 lm/m)	92 lm/ft (301.4 lm/m)				
			Blue	19	12 lm/ft (40 lm/m)	10 lm/ft (32.7 lm/m)				
			Amber	34	22 lm/ft (71 lm/m)	18 lm/ft (58.6 lm/m)				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	54 lm/ft (176 lm/m)	44 lm/ft (144.7 lm/m)	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	
			Green	160	204 lm/ft (669 lm/m)	168 lm/ft (551.1 lm/m)				
			Blue	18	23 lm/ft (75 lm/m)	19 lm/ft (62 lm/m)				
			Amber	34	43 lm/ft (142 lm/m)	36 lm/ft (117.1 lm/m)				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	79 lm/ft (258 lm/m)	65 lm/ft (212.2 lm/m)	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	
			Green	145	271 lm/ft (889 lm/m)	223 lm/ft (732.4 lm/m)				
			Blue	18	34 lm/ft (110 lm/m)	28 lm/ft (90.9 lm/m)				
			Amber	33	62 lm/ft (202 lm/m)	51 lm/ft (166.7 lm/m)				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40.0	102.0 lm/ft (334.6 lm/m)	84.0 lm/ft (275.52 lm/m)	32.8 ft (10 m)	✓	✓	
			Green	127.0	323.9 lm/ft (1062.2 lm/m)	266.7 lm/ft (874.776 lm/m)				
			Blue	25.0	63.8 lm/ft (209.1 lm/m)	52.5 lm/ft (172.2 lm/m)				
			Amber	29.0	74.0 lm/ft (242.6 lm/m)	60.9 lm/ft (199.752 lm/m)				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38.0	142.1 lm/ft (466.2 lm/m)	117.0 lm/ft (383.8912 lm/m)	29 ft (8.8 m)	✓	✓	
			Green	117.0	437.6 lm/ft (1435.3 lm/m)	360.4 lm/ft (1181.981 lm/m)				
			Blue	24.0	89.8 lm/ft (294.4 lm/m)	73.9 lm/ft (242.4576 lm/m)				
			Amber	25.0	93.5 lm/ft (306.7 lm/m)	77.0 lm/ft (252.56 lm/m)				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37.0	157.3 lm/ft (515.8 lm/m)	129.5 lm/ft (424.76 lm/m)	30 ft (9.14 m)	✓	✓	
			Green	116.0	493.0 lm/ft (1617.0 lm/m)	406.0 lm/ft (1331.68 lm/m)				
			Blue	24.0	102.0 lm/ft (334.6 lm/m)	84.0 lm/ft (275.52 lm/m)				
			Amber	26.0	110.5 lm/ft (362.4 lm/m)	91.0 lm/ft (298.48 lm/m)				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37.0	188.7 lm/ft (618.9 lm/m)	155.4 lm/ft (509.712 lm/m)	28 ft (8.5 m)	✓	✓	
			Green	113.0	576.3 lm/ft (1890.3 lm/m)	474.6 lm/ft (1556.688 lm/m)				
			Blue	23.0	117.3 lm/ft (384.8 lm/m)	96.6 lm/ft (316.9 lm/m)				
			Amber	24.0	122.4 lm/ft (401.6 lm/m)	100.8 lm/ft (330.7 lm/m)				
2.4 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	67	136.9 lm/ft (448.8 lm/m)	112.7 lm/ft (369.6 lm/m)	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	71	144.5 lm/ft (475.2 lm/m)	119 lm/ft (391.3 lm/m)				
			3500K	83	169.2 lm/ft (555.9 lm/m)	139.3 lm/ft (457.8 lm/m)				
			4000K	83	169.2 lm/ft (555.9 lm/m)	139.3 lm/ft (457.8 lm/m)				
3.0 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	66	168.3 lm/ft (552.5 lm/m)	138.6 lm/ft (455 lm/m)	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	73	186.2 lm/ft (611.2 lm/m)	153.3 lm/ft (503.3 lm/m)				
			3500K	78	198.9 lm/ft (652.8 lm/m)	163.8 lm/ft (537.6 lm/m)				
			4000K	83	211.7 lm/ft (694.5 lm/m)	174.3 lm/ft (571.9 lm/m)				
4.3 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	75	274.6 lm/ft (899.3 lm/m)	226.1 lm/ft (740.6 lm/m)	24.6 ft (7.5 m)	✓	N/A	N/A
			3000K	78	284.8 lm/ft (935 lm/m)	234.5 lm/ft (770 lm/m)				
			3500K	86	314.5 lm/ft (1031.9 lm/m)	259 lm/ft (849.8 lm/m)				
			4000K	86	314.5 lm/ft (1031.9 lm/m)	259 lm/ft (849.8 lm/m)				
6.1 Variable White Linea	1.09 in. (27.78 mm)	175 LEDs/ft (576 LEDs/m)	2700K + 6500K	95	493 lm/ft (1617.6 lm/m)	406 lm/ft (1332.1 lm/m)	16.4 ft (5 m)	✓	N/A	N/A

SPECIFICATIONS WITH CLASSIC RIBBONLYTE

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without 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	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	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	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	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	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	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
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	33.5	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	69.7 lm/ft (228.7 lm/m)	57.4 lm/ft (188.3 lm/m)				
			Blue	15.5	13.2 lm/ft (43.2 lm/m)	10.8 lm/ft (35.6 lm/m)				
			White	103	87.6 lm/ft (287.3 lm/m)	72.1 lm/ft (236.6 lm/m)				
			All	40	205.8 lm/ft (675.2 lm/m)	169.5 lm/ft (556.1 lm/m)				
4.4 5-in-1 RGBWW	2.46 in. (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW	59	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	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
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	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	IP20 IP65	IP20 IP65	IP20	IP65	IP20	IP20	IP20	IP20 IP65	IP20 IP65
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		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	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) • DRV24150DALI2CH (150 W, 2 channels) • DRV24150DALI4CH (150 W, 4 channels) 24 VDC 120-277 VAC IP67, damp/wet locations (1-channel drivers only) IP20, dry location (2-channel & 4-channel drivers only) CE, RoHS, SELV	

DMX CONTROLLERS, VARIABLE WHITE DIMMER, WARM DIM DIMMER - FOR COLOR CHANGING FIXTURES

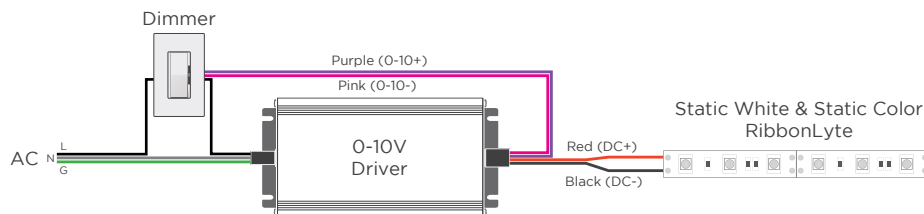
				
GLASS TOUCH WALL CONTROLLERS Part No.: • AWCRCBWWBK • AWCVWBK	1 ZONE WALL CONTROLLER Part No.: DMXCTRLG	5 ZONE WALL CONTROLLER Part No.: DMXCTRL	10 ZONE WALL CONTROLLER Part No.: DMXCTRLD	6 UNIVERSE DMX CONTROLLER Part No.: DMXCTRLDR6U
				
VARIABLE WHITE DIMMER Part No.: • RFDIMVDDWH (White) • RFDIMVWBK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

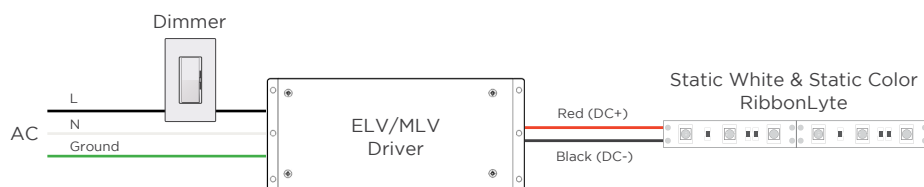
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5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

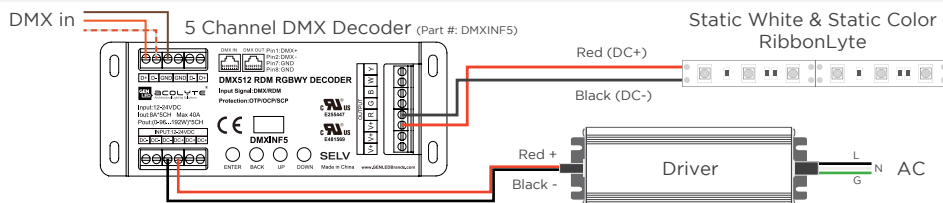
0-10 V



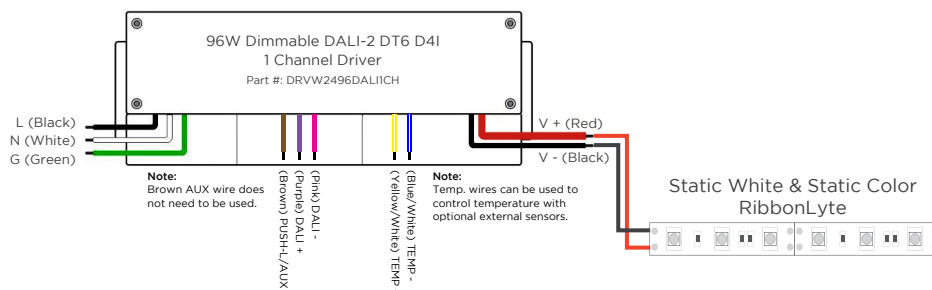
MLV / ELV



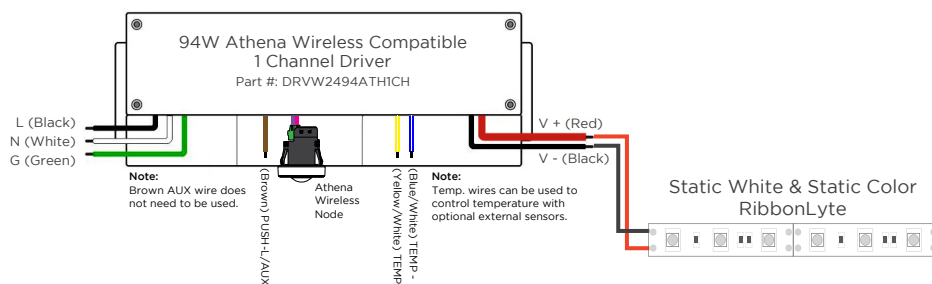
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



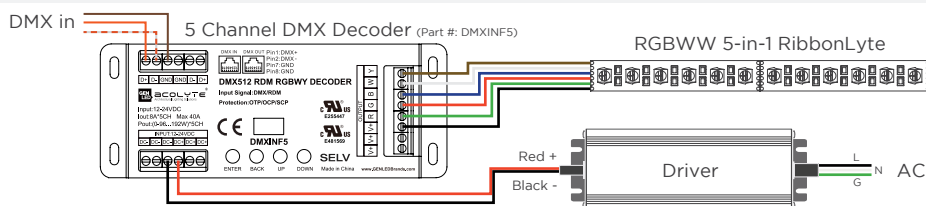
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

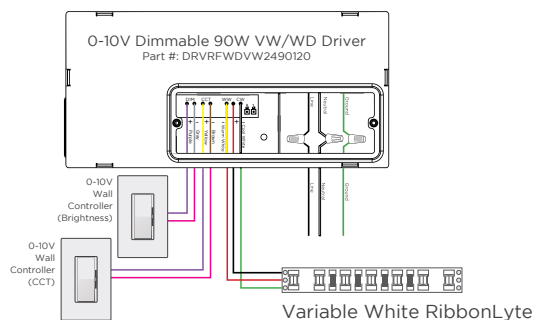
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

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

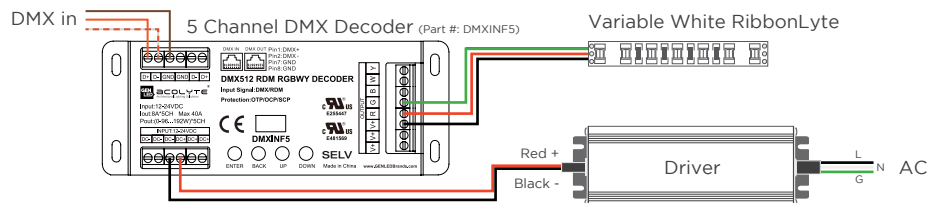


WIRE COLORS PER RIBBONLYTE COLOR

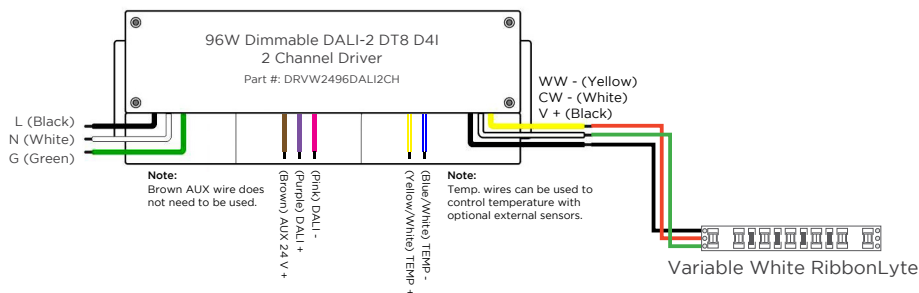
VARIABLE WHITE

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

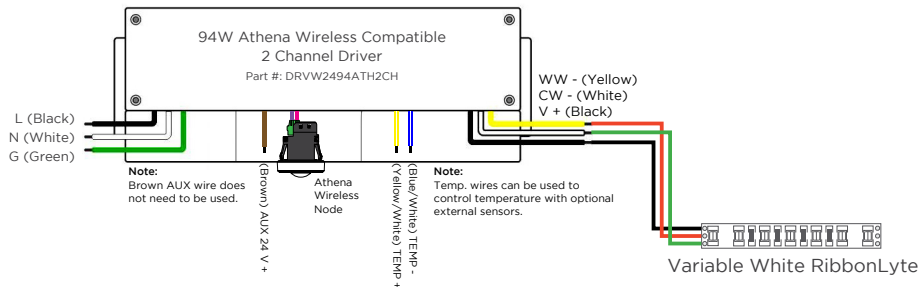
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER

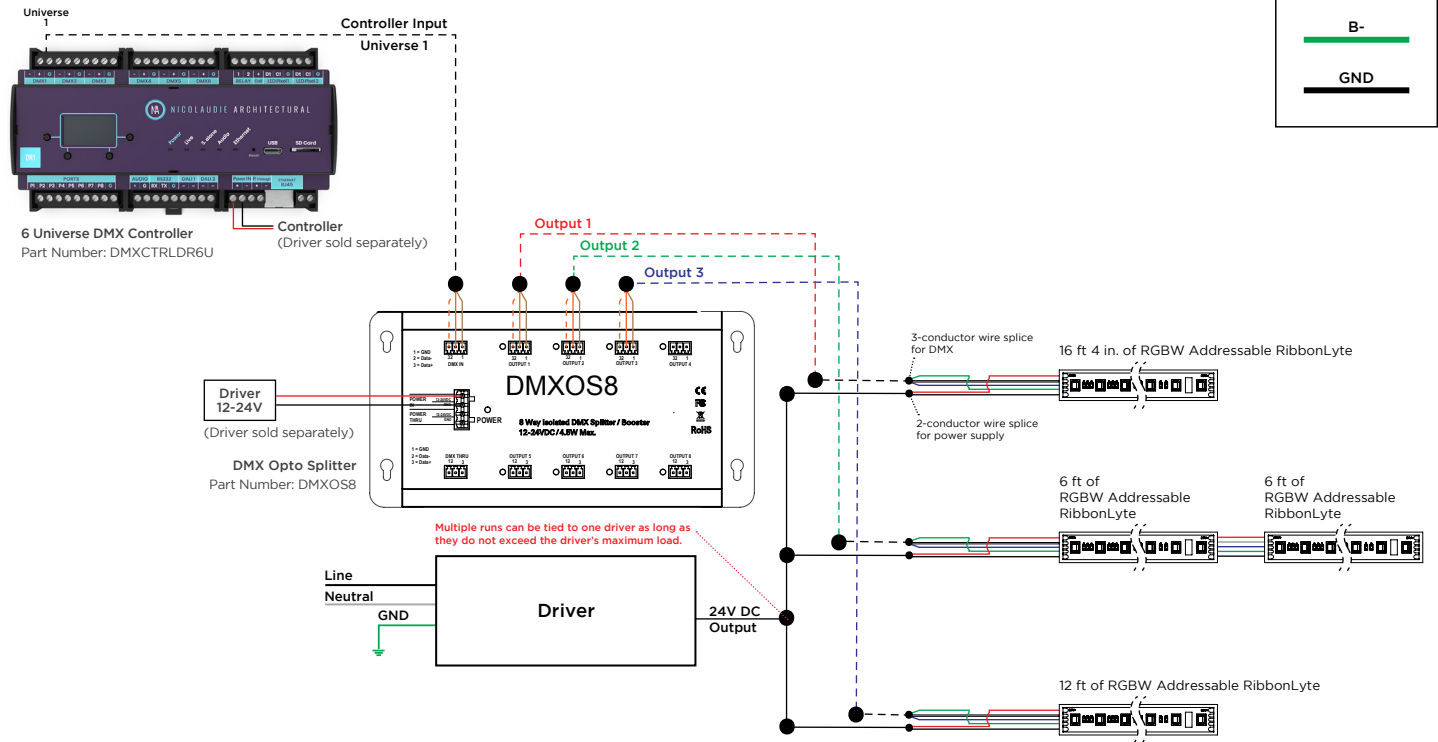


WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

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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