

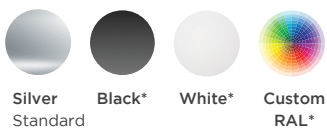
AT4 CHANNEL FIXTURE

Our AT4 Channel Fixture is a rounded channel with excellent diffusion and a 120-degree beam angle. We offer a variety of mounting options as well as your choice of clear, frosted and milky lenses to create a full range of light output and design. Custom design a fixture for nearly any application with our AT4 Channel and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 120°
- 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 (2371.5 lm/m)
- Assembled in USA
- For interior applications only



HOUSING FINISHES



Silver
Standard

Black*

White*

Custom
RAL*

*Additional fee applies

AVAILABLE LENS FINISHES



Clear Lens
92% Light Transmission



Frosted Lens
85% Light Transmission



Milky Lens
70% Light Transmission

AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

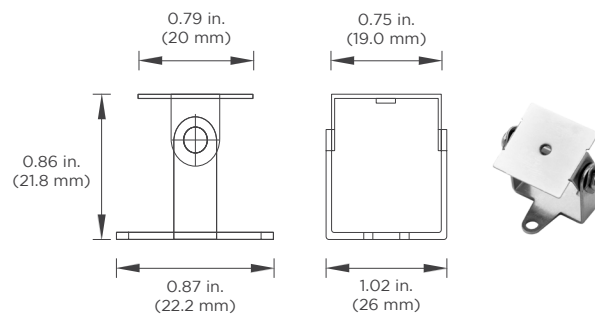
AT4 Channel	Mounting Clip (Included Accessory)		
Width: 0.77 in. (19.6 mm) Height: 0.74 in. (18.8 mm) Internal Width: 0.66 in. (16.8 mm)	Side View	Top View	Assembled View
	Width: 0.6 in. (15.2 mm) Length: 0.83 in. (21.2 mm) Height: 0.32 in. (8.3 mm) Note: 1. Each section of channel includes 3 mounting clips. 2. Magnetic mounting option available (see page 2) 3. Raised lens is for interior applications only.		

SPECIFICATIONS

Beam Angle	120°
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	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 (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

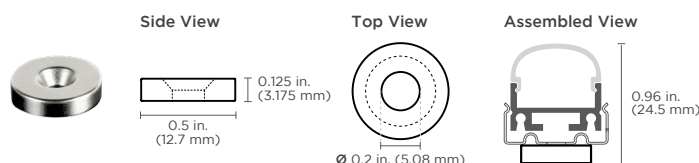
ACCESSORIES

Tilttable Stand (Part # TILTSTANDST)



Assembled Height with Channel: 1.7 in. (43.2 mm)

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
CHAT4		
CHAT4 - AT4 Channel	C - Clear Lens* M - Milky Lens	SV - Silver (default) WH - White
For interior applications only	F - Frosted Lens * Clear lens is the default option if not specified.	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 RGBWS220 - RGBW Series 2 IP20 VWS220 - VW Series 2 IP20 SWS265 - Static White Series 2 IP65 RGBWS265 - RGBW Series 2 IP65 VWS265 - VW Series 2 IP65 SWS268 - Static White Series 2 IP68 RGBWS268 - RGBW Series 2 IP68 VWS268 - VW Series 2 IP68 SCS220 - Static Color Series 2 IP20 RGBWA20 - RGBW/A IP20 WD20 - Warm Dim IP20 SCS265 - Static Color Series 2 IP65 RGBWA65 - RGBW/A IP65 WD65 - Warm Dim IP65 SCS268 - Static Color Series 2 IP68 RGBWA68 - RGBW/A IP68 WD68 - Warm Dim IP68 RGBWW20 - RGBWW 5-in-1 IP20

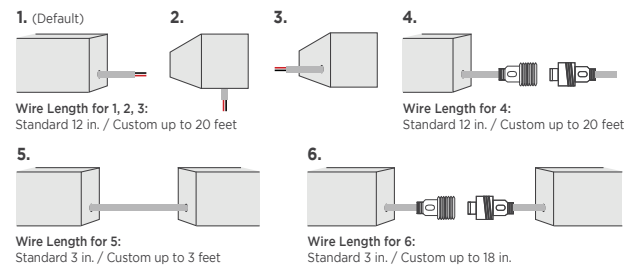
NOTE: To ensure waterproofing standards are met, IP65 and IP68 RibbonLyte can NOT be cut in the field.

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
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)	27 - 2700K RGB60 - Red, Green, Blue + 6000K
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)	30 - 3000K RGB2465 - Red, Green, Blue + 2400K + 6500K
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	35 - 3500K RGBA - Red, Green, Blue + Amber
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)	40 - 4000K 2920 - Warm Dim 2900K - 2000K (IP20)
5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)	60 - 6000K 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)	R - Red Z - Undecided**
8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW)	A - Amber ** For quotes only. Must be chosen before final order.
	G - Green
	B - Blue

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

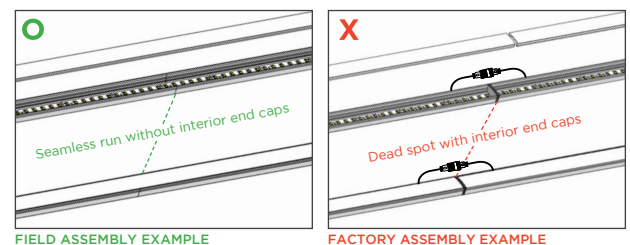
ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 6 ft 6.7 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly* (not recommended for exterior applications)	

* 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 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	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		
									IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	58 lm/ft (190.3 lm/m)	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	68.3 lm/ft (224 lm/m)	63.1 lm/ft (207 lm/m)	52 lm/ft (170.6 lm/m)				
			2200K	109	75.2 lm/ft (246.7 lm/m)	69.5 lm/ft (228 lm/m)	57.2 lm/ft (187.6 lm/m)				
			2400K	113	78 lm/ft (255.8 lm/m)	72.0 lm/ft (236.2 lm/m)	59.3 lm/ft (194.5 lm/m)				
			2700K	123	84.9 lm/ft (278.5 lm/m)	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3000K	123	84.9 lm/ft (278.5 lm/m)	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3500K	130	89.7 lm/ft (294.2 lm/m)	82.9 lm/ft (272 lm/m)	68.3 lm/ft (224 lm/m)				
			4000K	134	92.5 lm/ft (303.4 lm/m)	85.4 lm/ft (280.1 lm/m)	70.4 lm/ft (230.9 lm/m)				
			6000K	131	90.4 lm/ft (296.5 lm/m)	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	115.9 lm/ft (380.2 lm/m)	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	135.2 lm/ft (443.5 lm/m)	125 lm/ft (410 lm/m)	102.9 lm/ft (337.5 lm/m)				
			2200K	109	150.4 lm/ft (493.3 lm/m)	139 lm/ft (455.9 lm/m)	114.5 lm/ft (375.6 lm/m)				
			2400K	113	155.9 lm/ft (511.4 lm/m)	144.1 lm/ft (472.6 lm/m)	118.7 lm/ft (389.3 lm/m)				
			2700K	123	169.7 lm/ft (556.6 lm/m)	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3000K	123	169.7 lm/ft (556.6 lm/m)	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3500K	129	178 lm/ft (583.8 lm/m)	164.5 lm/ft (539.6 lm/m)	135.5 lm/ft (444.4 lm/m)				
			4000K	134	184.9 lm/ft (606.5 lm/m)	170.9 lm/ft (560.6 lm/m)	140.7 lm/ft (461.5 lm/m)				
			6000K	131	180.8 lm/ft (593 lm/m)	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	168 lm/ft (551 lm/m)	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	194.3 lm/ft (637.3 lm/m)	179.5 lm/ft (588.8 lm/m)	147.8 lm/ft (484.8 lm/m)				
			2200K	106	214.5 lm/ft (703.6 lm/m)	198.2 lm/ft (650.1 lm/m)	163.2 lm/ft (535.3 lm/m)				
			2400K	111	224.7 lm/ft (737 lm/m)	207.6 lm/ft (680.9 lm/m)	170.9 lm/ft (560.6 lm/m)				
			2700K	120	242.9 lm/ft (796.7 lm/m)	224.4 lm/ft (736 lm/m)	184.8 lm/ft (606.1 lm/m)				
			3000K	122	246.9 lm/ft (809.8 lm/m)	228.1 lm/ft (748.2 lm/m)	187.9 lm/ft (616.3 lm/m)				
			3500K	127	257 lm/ft (843 lm/m)	237.5 lm/ft (779 lm/m)	195.6 lm/ft (641.6 lm/m)				
			4000K	133	269.2 lm/ft (883 lm/m)	248.7 lm/ft (779 lm/m)	204.8 lm/ft (671.7 lm/m)				
			6000K	128	259.1 lm/ft (849.8 lm/m)	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	303.1 lm/ft (994.1 lm/m)	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	339.6 lm/ft (1114 lm/m)	313.5 lm/ft (1028.1 lm/m)	258.1 lm/ft (846.7 lm/m)				
			3000K	130	359.1 lm/ft (1177.9 lm/m)	331.4 lm/ft (1087.1 lm/m)	273 lm/ft (895.3 lm/m)				
			3500K	133	367.5 lm/ft (1205.3 lm/m)	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
			4000K	133	367.5 lm/ft (1205.3 lm/m)	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
			6000K	127	350.8 lm/ft (1150.5 lm/m)	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	441.2 lm/ft (1447 lm/m)	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	494.4 lm/ft (1621.6 lm/m)	456.3 lm/ft (1496.6 lm/m)	375.8 lm/ft (1232.5 lm/m)				
			3000K	129	522.8 lm/ft (1714.7 lm/m)	482.5 lm/ft (1582.5 lm/m)	397.3 lm/ft (1303.2 lm/m)				
			3500K	132	534.9 lm/ft (1754.5 lm/m)	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
			4000K	132	534.9 lm/ft (1754.5 lm/m)	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
			6000K	126	510.6 lm/ft (1674.8 lm/m)	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	505.1 lm/ft (1656.8 lm/m)	466.8 lm/ft (1531 lm/m)	384.4 lm/ft (1260.8 lm/m)	IP20: 33 ft 4 in. (10.1 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			2700K	122.9	566.1 lm/ft (1856.7 lm/m)	522.4 lm/ft (1713.6 lm/m)	430.2 lm/ft (1411.2 lm/m)				
			3000K	130	598.5 lm/ft (1963.2 lm/m)	552.4 lm/ft (1811.9 lm/m)	454.9 lm/ft (1492.1 lm/m)				
			3500K	133	612.5 lm/ft (2008.9 lm/m)	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
			4000K	133	612.5 lm/ft (2008.9 lm/m)	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
			6000K	127	584.6 lm/ft (1917.6 lm/m)	539.6 lm/ft (1769.7 lm/m)	444.3 lm/ft (1457.4 lm/m)				

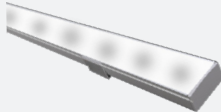
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

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
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109	601.6 lm/ft (1973.2 lm/m)	555.9 lm/ft (1823.4 lm/m)	457.8 lm/ft (1501.6 lm/m)	28 ft (8.5 m)	✓	✓	✓
			2700K	122	674.2 lm/ft (2211.3 lm/m)	622.2 lm/ft (2040.8 lm/m)	512.4 lm/ft (1680.7 lm/m)				
			3000K	129	712.9 lm/ft (2338.2 lm/m)	657.9 lm/ft (2157.9 lm/m)	541.8 lm/ft (1777.1 lm/m)				
			3500K	132	729.4 lm/ft (2392.5 lm/m)	673.2 lm/ft (2208.1 lm/m)	554.4 lm/ft (1818.4 lm/m)				
			4000K	132	612.5 lm/ft (2008.9 lm/m)	673.2 lm/ft (2208.1 lm/m)	554.4 lm/ft (1818.4 lm/m)				
			6000K	126	696.3 lm/ft (2283.8 lm/m)	642.6 lm/ft (2107.7 lm/m)	529.2 lm/ft (1735.8 lm/m)				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	28 lm/ft (93 lm/m)	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	121 lm/ft (396 lm/m)	112 lm/ft (366 lm/m)	92 lm/ft (301.4 lm/m)				
			Blue	19	13 lm/ft (43 lm/m)	12 lm/ft (40 lm/m)	10 lm/ft (32.7 lm/m)				
			Amber	34	23 lm/ft (77 lm/m)	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	58 lm/ft (190 lm/m)	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	221 lm/ft (724 lm/m)	204 lm/ft (669 lm/m)	168 lm/ft (551.1 lm/m)				
			Blue	18	25 lm/ft (81 lm/m)	23 lm/ft (75 lm/m)	19 lm/ft (62 lm/m)				
			Amber	34	47 lm/ft (154 lm/m)	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	85 lm/ft (279 lm/m)	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	293 lm/ft (963 lm/m)	271 lm/ft (889 lm/m)	223 lm/ft (732.4 lm/m)				
			Blue	18	36 lm/ft (119 lm/m)	34 lm/ft (110 lm/m)	28 lm/ft (90.9 lm/m)				
			Amber	33	67 lm/ft (219 lm/m)	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	110.4 lm/ft (362.1 lm/m)	102.0 lm/ft (334.6 lm/m)	84.0 lm/ft (275.52 lm/m)	32.8 ft (10 m)	✓	✓	✓
			Green	127.0	350.9 lm/ft (1151.0 lm/m)	323.9 lm/ft (1062.2 lm/m)	266.7 lm/ft (874.776 lm/m)				
			Blue	25.0	69.1 lm/ft (226.6 lm/m)	63.8 lm/ft (209.1 lm/m)	52.5 lm/ft (172.2 lm/m)				
			Amber	29.0	80.1 lm/ft (262.8 lm/m)	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	153.8 lm/ft (504.5 lm/m)	142.1 lm/ft (466.2 lm/m)	117.0 lm/ft (383.8912 lm/m)	29 ft (8.8 m)	✓	✓	✓
			Green	117.0	474.1 lm/ft (1555.1 lm/m)	437.6 lm/ft (1435.3 lm/m)	360.4 lm/ft (1181.981 lm/m)				
			Blue	24.0	97.3 lm/ft (319.0 lm/m)	89.8 lm/ft (294.4 lm/m)	73.9 lm/ft (242.4576 lm/m)				
			Amber	25.0	101.3 lm/ft (332.2 lm/m)	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	170.2 lm/ft (558.2 lm/m)	157.3 lm/ft (515.8 lm/m)	129.5 lm/ft (424.76 lm/m)	30 ft (9.14 m)	✓	✓	✓
			Green	116.0	534.2 lm/ft (1752.1 lm/m)	493.0 lm/ft (1617.0 lm/m)	406.0 lm/ft (1331.68 lm/m)				
			Blue	24.0	110.5 lm/ft (362.5 lm/m)	102.0 lm/ft (334.6 lm/m)	84.0 lm/ft (275.52 lm/m)				
			Amber	26.0	119.7 lm/ft (392.7 lm/m)	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	204.2 lm/ft (669.8 lm/m)	188.7 lm/ft (618.9 lm/m)	155.4 lm/ft (509.712 lm/m)	28 ft (8.5 m)	✓	✓	✓
			Green	113.0	624.4 lm/ft (2048.2 lm/m)	576.3 lm/ft (1890.3 lm/m)	474.6 lm/ft (1556.688 lm/m)				
			Blue	23.0	127.1 lm/ft (416.9 lm/m)	117.3 lm/ft (384.8 lm/m)	96.6 lm/ft (316.9 lm/m)				
			Amber	24.0	132.6 lm/ft (435.0 lm/m)	122.4 lm/ft (401.6 lm/m)	100.8 lm/ft (330.7 lm/m)				
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)	32.8 ft (10 m)	✓	✓	✓

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
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 RGBW	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	65	263.1 lm/ft (863 lm/m) All LEDs at 100%	244 lm/ft (799.9 lm/m) All LEDs at 100%	200.9 lm/ft (658.7 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
4.4 RGBA	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	33	133.6 lm/ft (438.1 lm/m) All LEDs at 100%	244 lm/ft (799.9 lm/m) All LEDs at 100%	200.9 lm/ft (658.7 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
5.5 4-in-1 RGBW	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	51	305 lm/ft (1000.3 lm/m) All LEDs at 100%	237.2 lm/ft (777.8 lm/m) All LEDs at 100%	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
5.5 4-in-1 RGBA	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	27	161.5 lm/ft (529.6 lm/m) All LEDs at 100%	237.2 lm/ft (777.8 lm/m) All LEDs at 100%	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
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
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 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						 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 RGBW/A	5.5 4-in-1 RGBW/A	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 IP65 IP68	IP20 IP65 IP68	IP20	IP20	IP20 IP65 IP68	IP20 IP65 IP68
N	N	N	N	N	N	Y	Y	Y	Y	N	N

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS



30W, 60W, 96W
Non-Dimming Electronic
Class 2 Drivers

Part No.:
• DRVW2430 (30 Watt)
• DRVW2460 (60 Watt)
• DRVW2496 (96 Watt)
Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
UL Listed



240W, 320W
Non-Dimming
Electronic Drivers

Part No.:
• DRVW24240 (240 Watt)
• DRVW24320 (320 Watt)
Output Voltage: 24 V
Voltage Range: 90-305 VAC
IP Rating: Dry or Damp
UL Recognized



60W, 96W, 150W, 300W, 600W_test
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 V
Voltage Range: 100-277 VAC
IP Rating: IP67
UL, CE, and CSA Listed

0-10V DRIVERS



0-10V Dimmable Waterproof Drivers

96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P
Output Voltage: 24 V (+/- 0.5V)
Voltage Range: 100-277 VAC
Environmental Rating: UL Wet Location
UL Listed



0-10V Dimmable 90W VW/WD Driver

Part No.: DRVRFWDVW2490120

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



GLASS TOUCH
WALL CONTROLLERS

Part Number: AWCRGBWWBK
AWCVWBK



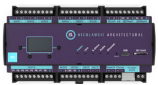
1 ZONE WALL CONTROLLER
Part Number: DMXCTRLG



5 ZONE WALL CONTROLLER
Part Number: DMXCTRL



10 ZONE WALL CONTROLLER
Part Number: DMXCTRLD



2 UNIVERSE DMX CONTROLLER
Part Number: DMXCTRLDR2U

6 UNIVERSE DMX CONTROLLER
Part Number: DMXCTRLDR6U



4 CHANNEL WATERPROOF
DMX INTERFACE
Part Number: DMXINFWLCD4



5 CHANNEL
DMX INTERFACE
Part Number: DMXINFOLED5



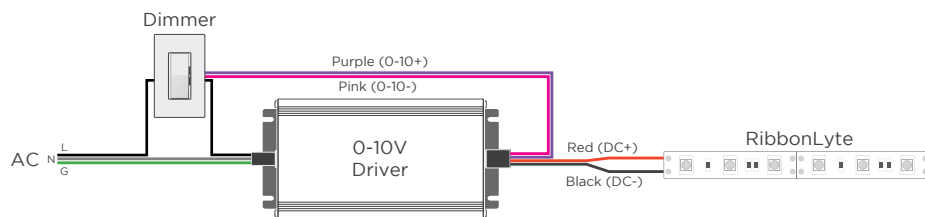
DMX OPTO SPLITTER
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

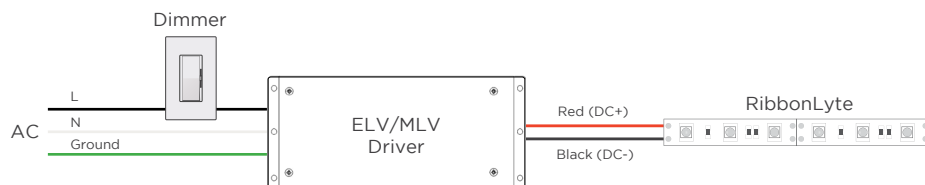
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG	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	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	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	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	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	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	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

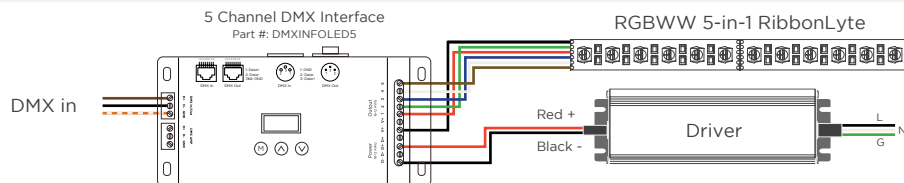
0-10V



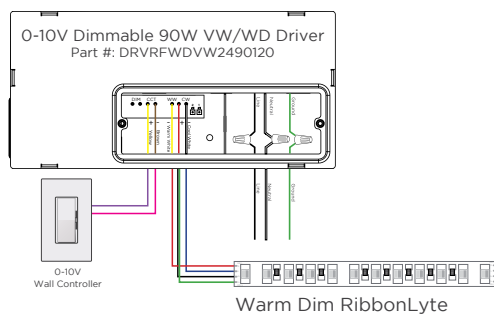
MLV / ELV



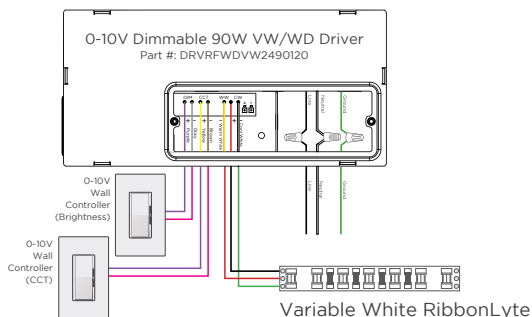
DMX



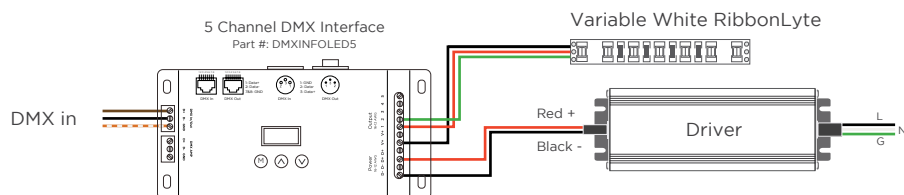
WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



DMX WIRING DIAGRAM - COMPATIBLE WITH ALL MODELS OF VARIABLE WHITE 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

WARM DIM

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

VARIABLE WHITE

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