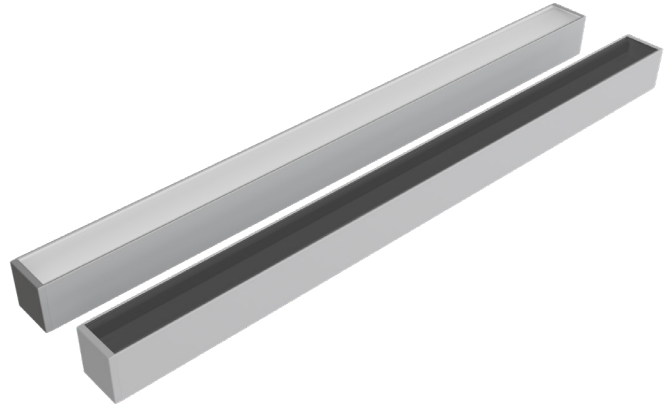


AS11 CHANNEL FIXTURE

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 milky or black lens.

- 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)
- Milky or black lens
- Magnetic mounting option available



HOUSING FINISHES



*Additional fee applies



RoHS

Declare.

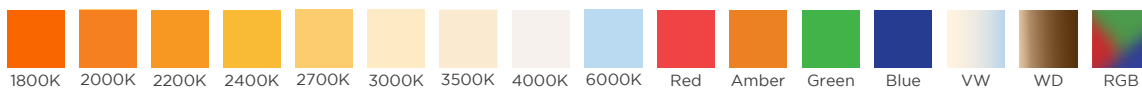


AVAILABLE LENS FINISHES



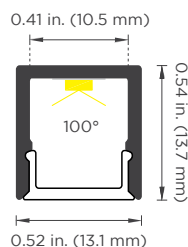
* Our black lens offers great diffusion and helps hide fixtures that aren't in use.

AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

AS11 Channel

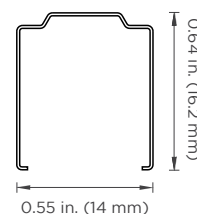


Width: 0.52 in. (13.1 mm)
Height: 0.54 in. (13.7 mm)
Internal Width: 0.41 in. (10.5 mm)

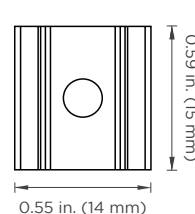
Mounting Clip (included accessory)

Material: stainless steel

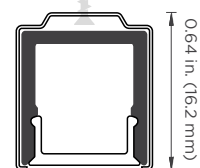
Side View



Top View



Assembled View



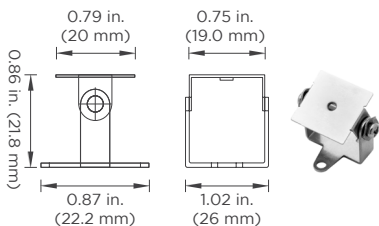
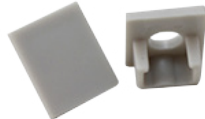
Note:

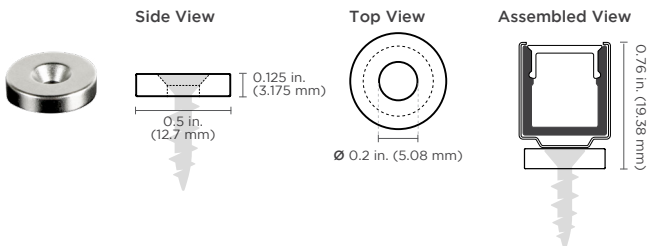
1. **Magnetic mounting** option available (see page 2)
2. **Exterior channel applications** should be securely attached to the mounting surface with appropriate screws and/or liquid nails. Acolyte strongly recommends field assembly for exterior applications. Use mounting clips for interior applications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

SPECIFICATIONS

Beam Angle	100°
Lens Type	CMilky Lens, Black 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)	1-Step Binning (For Static White LEDs only)
Certifications	UL Listed UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for 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)	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	M - Milky Lens	SV - Silver	WH - White
	BK - Black Lens	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	SWS220 - Static White Series 2 IP20	LINEA20 - Linea RibbonLyte IP20	WD20 - Warm Dim IP20
	90 - 90+ CRI Static White	SWS265 - Static White Series 2 IP65	VWS220 - VW Series 2 IP20	WD65 - Warm Dim IP65
		SCS220 - Static Color Series 2 IP20	VWS265 - VW Series 2 IP65	
		SCS265 - Static Color Series 2 IP65	RGBADD - Pixel IP20	

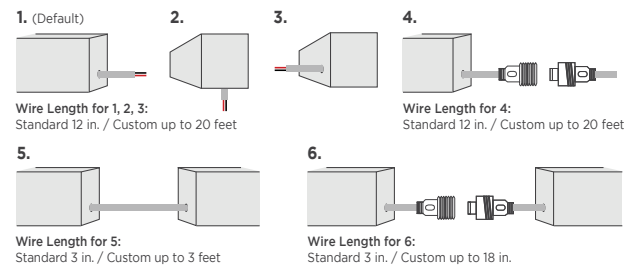
NOTE: To ensure waterproofing standards are met, IP65 RibbonLyte can NOT be cut in the field.

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 2920 - Warm Dim 2900K-2000K (IP20)
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	60 - 6000K 2721 - Warm Dim 2700K-2100K (IP65)
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)	Z - Undecided**
5.3 - 5.3 W/ft (17.5 W/m - Pixel)	** For quotes only. Must be chosen before final order.
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)

- | | |
|------------------------------------|-------------------------------------|
| 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)
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- FI - Field Assembly
FA - Factory Assembly* (not recommended for exterior applications)

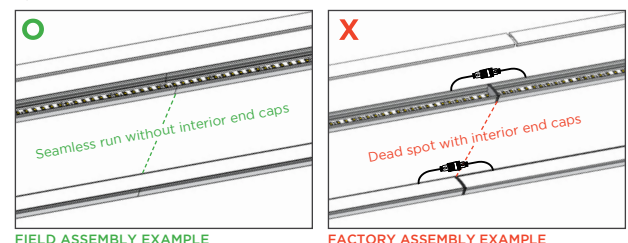
* Factory assembled runs exceeding 6 ft 6.7 in. (2 m) will be split into multiple daisy chained fixtures.

STEP 4 Add Accessories

ACCESSORIES
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 Milky Lens		Delivered Lumens with Black Lens		Max Length	Compatible with Channel		
					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	48.51	159.39	18.9	62.1	IP20: 49 ft (15 m)	✓	✓	
			2000K	99	57.21	187.88	22.29	73.2				
			2200K	109	62.99	206.36	24.54	80.4				
			2400K	113	65.3	214.06	25.44	83.4				
			2700K	123	70.84	233.31	27.6	90.9	IP65: 32.8 ft (10 m)			
			3000K	123	70.84	233.31	27.6	90.9				
			3500K	130	75.46	246.4	29.4	96				
			4000K	134	77.77	254.1	30.3	99				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	6000K	131	75.46	247.94	29.4	96.6	IP20: 49 ft (15 m) IP65: 32.8 ft (10 m)	✓	✓	
			1800K	84	97.02	318.01	37.8	123.9				
			2000K	98	113.19	371.14	44.1	144.6				
			2200K	109	126.28	412.72	49.2	160.8				
			2400K	113	130.13	428.12	50.7	166.8				
			2700K	123	141.68	465.85	55.2	181.5				
			3000K	123	141.68	465.85	55.2	181.5				
			3500K	129	148.61	488.95	57.9	190.5				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	4000K	134	154.77	507.43	60.3	197.7	IP20: 42 ft (12.8 m) IP65: 32.8 ft (10 m)	✓	✓	
			6000K	131	151.69	496.65	59.1	193.5				
			1800K	83	140.91	461.23	54.9	179.7				
			2000K	96	162.47	533.61	63.3	207.9				
			2200K	106	179.41	589.05	69.9	229.5				
			2400K	111	187.88	616.77	73.2	240.3				
			2700K	120	203.28	666.82	79.2	259.8				
			3000K	122	206.36	677.6	80.4	264				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	3500K	127	214.83	705.32	83.7	274.8	IP20: 36 ft (11 m) IP65: 32.8 ft (10 m)	✓	✓	
			4000K	133	225.61	739.2	87.9	288				
			6000K	128	216.37	719.18	84.3	280.2				
			1800K	84	193.27	633.71	75.3	246.9				
			2000K	98	227.15	745.36	88.5	290.4				
			2200K	108	249.48	818.51	97.2	318.9				
			2400K	112	258.72	848.54	100.8	330.6				
			2700K	127	293.37	962.5	114.3	375				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	3000K	133	307.23	1007.93	119.7	392.7	28 ft 4 in. (8.64 m)	✓	✓	
			3500K	137	316.47	1037.96	123.3	404.4				
			4000K	134	309.54	1015.63	120.6	395.7				
			6000K	132	304.92	1000.23	118.8	389.7				
			1800K	81	273.35	896.28	106.5	349.2				
			2000K	95	322.63	1059.52	125.7	412.8				
			2200K	105	356.51	1170.4	138.9	456				
			2400K	109	369.6	1211.21	144	471.9				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2700K	124	420.42	1378.3	163.8	537	IP20: 33 ft 4 in. (10.1 m) IP65: 32.8 ft (10 m)	✓	✓	
			3000K	131	443.52	1456.07	172.8	567.3				
			3500K	133	450.45	1478.4	175.5	576				
			4000K	133	450.45	1478.4	175.5	576				
			6000K	128	433.51	1422.19	168.9	554.1				
			1800K	83	321.09	1052.59	125.1	410.1				
			2000K	98	375.76	1233.54	146.4	480.6				
			2200K	107	410.41	1346.73	159.9	524.7				
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	110	423.5	1389.08	165	541.2	28 ft (8.5 m)	✓	✓	
			2700K	124	477.4	1566.18	186	610.2				
			3000K	134	515.9	1692.46	201	659.4				
			3500K	135	519.75	1704.78	202.5	664.2				
			4000K	134	515.9	1692.46	201	659.4				
			6000K	130	500.5	1641.64	195	639.6				
			1800K	82	377.3	1237.39	147	482.1				
			2000K	95	438.9	1439.9	171	561				
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2200K	106	488.18	1601.6	190.2	624	28 ft (8.5 m)	✓	✓	
			2400K	110	508.2	1667.05	198	649.5				
			2700K	122	563.64	1848.77	219.6	720.3				
			3000K	132	609.84	2000.46	237.6	779.4				
			3500K	132	609.84	2000.46	237.6	779.4				
			4000K	130	600.6	1969.66	234	767.4				
			6000K	128	591.36	1939.63	230.4	755.7				

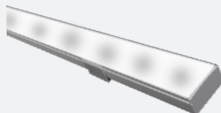
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	CCTs & Colors	lm/W without Lens	Delivered Lumens with Milky Lens		Delivered Lumens with Milky Lens		Max Length	Compatible with Channel		
					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	23.87	78.54	9.3	30.6	IP20: 49 ft (15 m)	✓	✓	
			Green	175	100.87	331.1	39.3	129				
			Blue	19	10.78	35.42	4.2	13.8	IP65: 32.8 ft (10 m)			
			Amber	34	20.02	65.45	7.8	25.5				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	48.51	159.08	18.9	61.98	IP20: 49 ft (15 m)	✓	✓	
			Green	160	184.8	606.14	72	236.16				
			Blue	18	20.79	68.22	8.1	26.58	IP65: 32.8 ft (10 m)			
			Amber	34	39.27	128.82	15.3	50.19				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	70.84	232.39	27.6	90.54	IP20: 42 ft (12.8 m)	✓	✓	
			Green	145	245.63	805.65	95.7	313.89				
			Blue	18	30.8	101.02	12	39.36	IP65: 32.8 ft (10 m)			
			Amber	33	56.21	184.34	21.9	71.82				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	93.94	308.77	36.6	120.3	32.8 ft (10 m)	✓	✓	
			Green	127	308	1011.78	120	394.2				
			Blue	25	58.52	192.5	22.8	75				
			Amber	29	66.99	218.68	26.1	85.2				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	133.21	436.59	51.9	170.1	29 ft (8.8 m)	✓	✓	
			Green	117	411.95	1350.58	160.5	526.2				
			Blue	24	86.24	284.13	33.6	110.7				
			Amber	25	84.7	277.97	33	108.3				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	143.99	471.24	56.1	183.6	30 ft (9.14 m)	✓	✓	
			Green	116	458.15	1503.04	178.5	585.6				
			Blue	24	95.48	314.16	37.2	122.4				
			Amber	26	97.79	319.55	38.1	124.5				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	166.32	545.16	64.8	212.4	28 ft (8.5 m)	✓	✓	
			Green	113	501.27	1645.49	195.3	641.1				
			Blue	23	109.34	358.05	42.6	139.5				
			Amber	24	114.73	375.76	44.7	146.4				
2.4 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	67	123.97	406.56	48.3	158.4	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	71	130.9	430.43	51	167.7				
			3500K	83	153.23	503.58	59.7	196.2				
			4000K	83	153.23	503.58	59.7	196.2				
3.0 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	66	152.46	500.5	59.4	195	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	73	168.63	553.63	65.7	215.7				
			3500K	78	180.18	591.36	70.2	230.4				
			4000K	83	191.73	629.09	74.7	245.1				
4.3 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	75	248.71	814.66	96.9	317.4	24.6 ft (7.5 m)	✓	N/A	N/A
			3000K	78	257.95	847	100.5	330				
			3500K	86	284.9	934.78	111	364.2				
			4000K	86	284.9	934.78	111	364.2				

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cutable Length	LED Pitch	CCTs & Colors	lm/W without Lens	Delivered Lumens with Milky Lens		Delivered Lumens with Black Lens		Max Length	Compatible with Channel		
					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	338.05	1108.79	131.71	432	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	58.98	193.46	22.98	75.38	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	168.25	552	65.55	215.06	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	336.8	1104.7	131.22	430.4	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	221.76	727.65	86.4	283.5	16.4 ft (5 m)	✓	✓	
5.3 Pixel	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	26	105.49	346.5	41.1	135	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

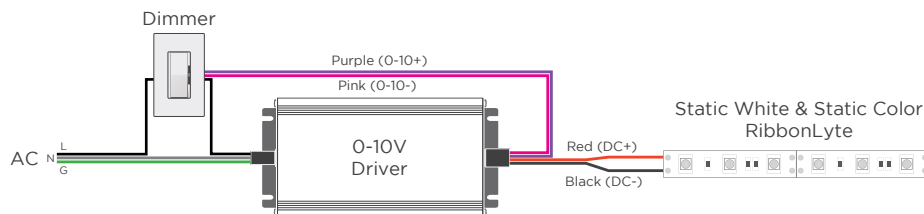
AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS			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 • AWCWVBK		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.: • RFDIMVDDWH (White) • RFDIMVDBK (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

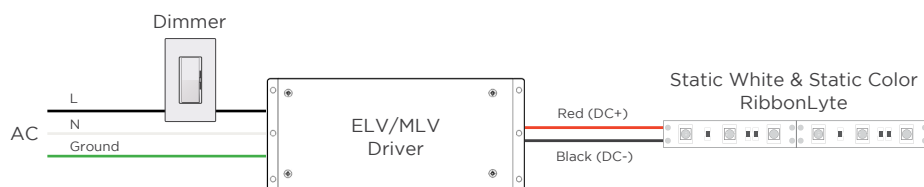
DRIVER AND RIBBONLYTE AT FULL LOAD																
Wattages	30		60		96		150		200		240		300		320	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34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

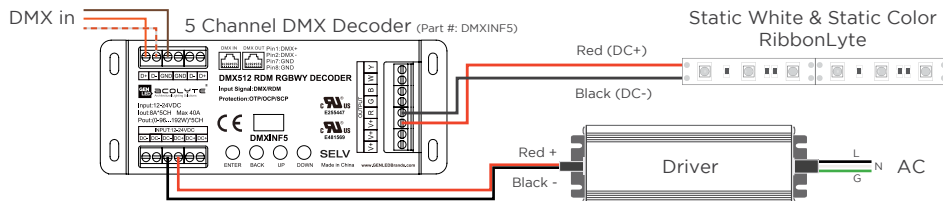
0-10 V



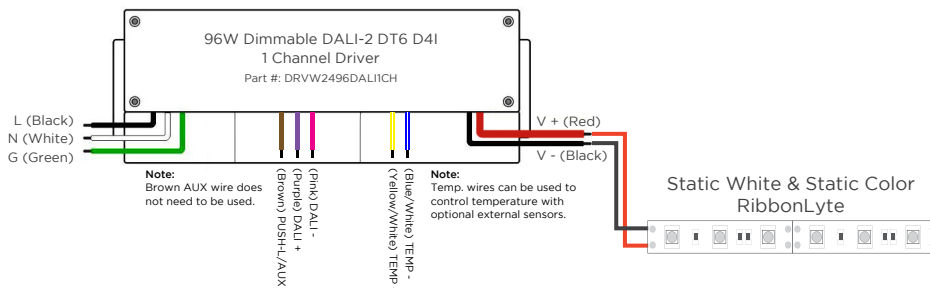
MLV / ELV



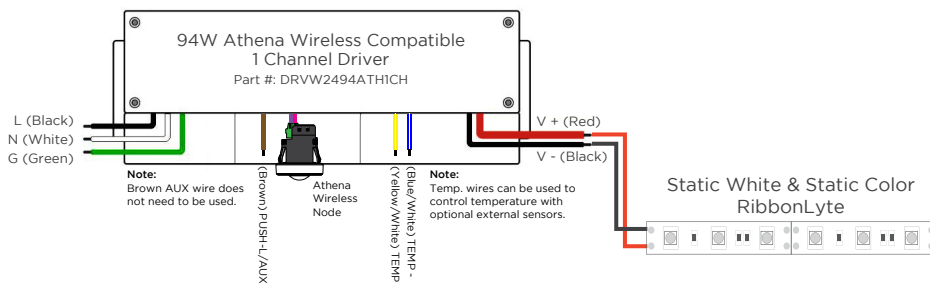
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



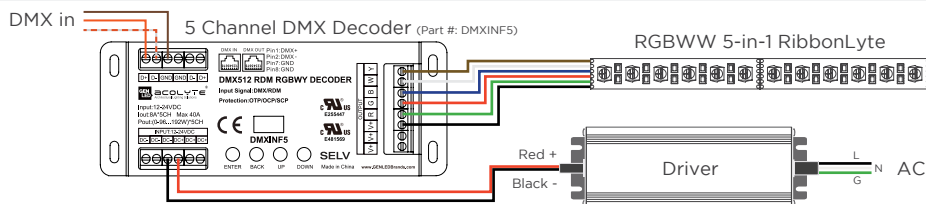
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

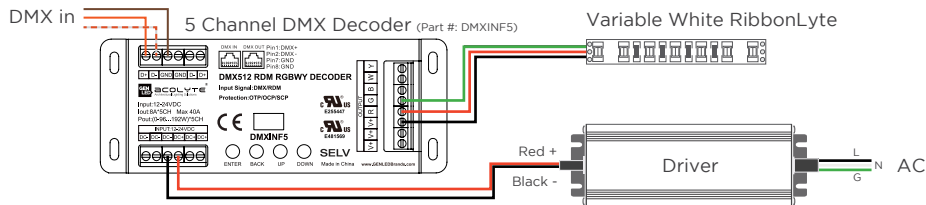


WIRE COLORS PER RIBBONLYTE COLOR

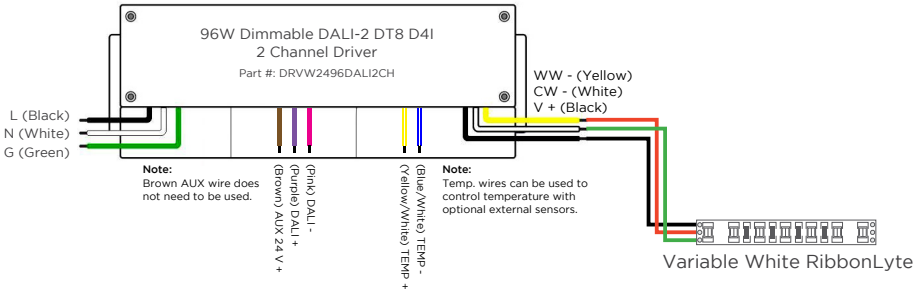
VARIABLE WHITE

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

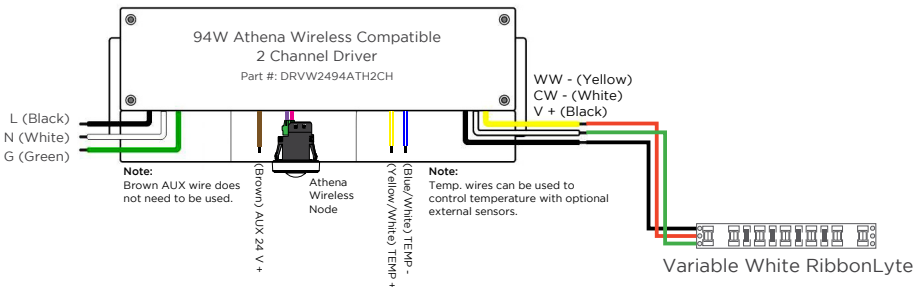
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



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GLOBAL HQ

320 Murray Hill Pkwy
East Rutherford, NJ 07073
U.S.
T: (+1) 212 629 6830
E: Sales-US@GENLEDBrands.com

EUROPEAN HQ

Hogeweyseleaan 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
Shenshi 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