GEN LED acolyte®
Architectural Lighting Solutions

Date | Project

Notes

AS5 CHANNEL FIXTURE

AS5 Channel is a low-profile aluminum channel. The 120-degree beam angle is ideal for a wide, even spread of light in cove and toe kick applications. Use AS5 in conjunction with our tiltable stands or with unique mounting clips that snap underneath, so you don't see the mounting clips or any fit lines on the outside of the channel. Custom design a fixture with our AS5 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 554.4 lm/ft (1818.4 lm/m)
- Assembled in USA



RoHS Declare. TM66 ASSESSED

HOUSING FINISHES



Silver
Standard



Custom
RAL*

*Additional fee applies



AVAILABLE LENS FINISHES



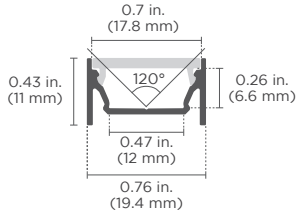
Milky Lens
70% Light Transmission

AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

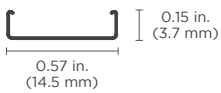
AS5 Channel



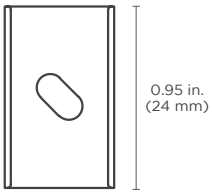
Width: 0.76 in. (19.4 mm)
Height: 0.43 in. (11 mm)
Internal Width: 0.47 in. (12 mm)

Mounting Clip (included accessory)

Side View



Top View



Assembled View



Width: 0.57 in. (14.5 mm)
Length: 0.95 in. (24 mm)
Height: 0.15 in. (3.7 mm)

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.

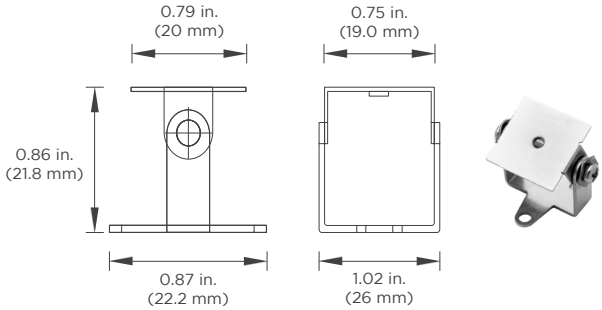
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SPECIFICATIONS

Beam Angle	120°
Lens Type	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 / CASAMBI
Operating Temperature	-40 — 158 °F (-40 — 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 (for Static White LEDs 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 Luminaries; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant

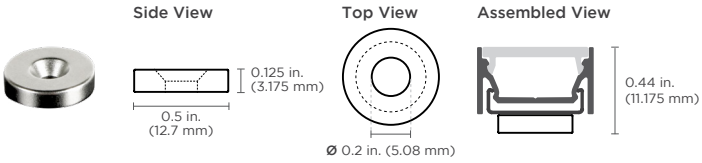
ACCESSORIES

Tiltable Stand (Part # TILTSTANDST)



Assembled Height with Channel: 1.29 in. (32.8 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

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ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHAS5	M	SV
CHAS5 - AS5 Channel	**M** - Milky Lens	**SV** - Silver (default)
		Consult factory for custom colors (additional fee applies)

STEP 2 Complete RibbonLyte Part Number

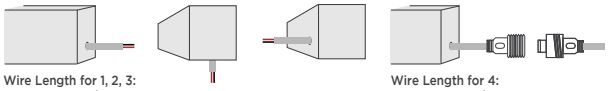
CATEGORY	CRI	RIBBON TYPE & IP RATING		
RB				
RB - RibbonLyte	**0** - Static Color, Color Changing	**SWS220** - Static White Series 2 IP20	**RGBWW20** - RGBWW 5-in-1 IP20	**WD20** - Warm Dim IP20
	90 - 90+ CRI Static White	**SWS265** - Static White Series 2 IP65	**RGBWS220** - RGBW Series 2 IP20	**WD65** - Warm Dim IP65
		SWS268 - Static White Series 2 IP68	**RGBWS265** - RGBW Series 2 IP65	**XACTA20** - Xacta RibbonLyte IP20
		SWS269 - Static White Series 2 IP69	**VWS220** - VW Series 2 IP20	**RGBADD** - Pixel RGB IP20
NOTE: To ensure waterproofing standards are met, IP65/IP68/IP69 RibbonLyte can NOT be cut in the field.		**SCS220** - Static Color Series 2 IP20	**VWS265** - VW Series 2 IP65	
		SCS265 - Static Color Series 2 IP65	**VWS268** - VW Series 2 IP68	
		SCS268 - Static Color Series 2 IP68	**VWS269** - VW Series 2 IP69	
		SCS269 - Static Color Series 2 IP69	**LINEA20** - Linea RibbonLyte IP20	

WATTAGE	COLOR	
0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)	**18** - 1800K	**VW** - Variable White 2000K-6500K
1.0 - 1.0 W/ft (3.3 W/m - Variable White)	**20** - 2000K	**VW1833** - Variable White 1800K-3300K (IP20)
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color, Variable White)	**22** - 2200K	**RGB27** - Red, Green, Blue + 2700K
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)	**24** - 2400K	**RGB30** - Red, Green, Blue + 3000K
2.4 - 2.4 W/ft (8 W/m - Static White Linea)	**27** - 2700K	**RGB40** - Red, Green, Blue + 4000K
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)	**30** - 3000K	**RGB2465** - Red, Green, Blue + 2400K + 6500K
4.3 - 4.3 W/ft (14 W/m - Static White Linea)	**35** - 3500K	**RGBA** - Red, Green, Blue + Amber
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)	**40** - 4000K	**RGBS** - Pixel RGB (SPI)
4.5 - 4.5 W/ft (14.8 W/m - Static White, Variable White)	**60** - 6000K	**2920** - Warm Dim 2900K-2000K (IP20)
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	**R** - Red	**1830** - Warm Dim 3000K-1800K (IP20)
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)	**A** - Amber	**2721** - Warm Dim 2700K-2100K (IP65/IP68/IP69)
5.3 - 5.3 W/ft (17.5 W/m - Pixel RGB)	**G** - Green	**Z** - Undecided (For quotes only. Must be chosen before final order.)
5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)	**B** - Blue	
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)		

CONNECTION OPTIONS (See diagrams on the right) — **Custom Length** (ft.)

1 - End Feed Bare Wire Connection	**4** - End Feed with IP67 Male Coupler
2 - Back Feed Bare Wire Connection	**5** - Soldered Daisy Chain
3 - Side Feed Bare Wire Connection	**6** - Daisy Chain With IP67 Couplers

1. (Default) **2.** **3.** **4.**



Wire Length for 1, 2, 3:
Standard 12 in. / Custom up to 20 feet

Wire Length for 4:
Standard 12 in. / Custom up to 20 feet

5. **6.**



Wire Length for 5:
Standard 3 in. / Custom up to 3 feet

Wire Length for 6:
Standard 3 in. / Custom up to 18 in.

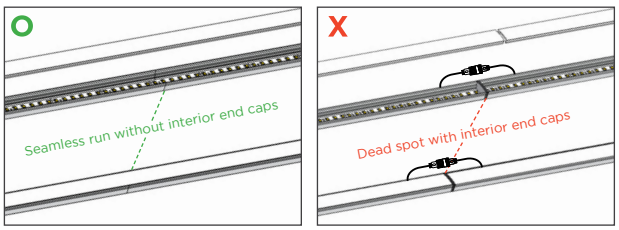
STEP 3 Complete Assembly Option & Length

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.

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.



FIELD ASSEMBLY EXAMPLE — FACTORY ASSEMBLY EXAMPLE

STEP 4 Add Accessories

ACCESSORIES	
TILTSTANDST - Tiltable Stand	**CHMAG0.5** - Magnetic Mount

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Incremental Length	LED Pitch	Color Temperature	Delivered Lumens with Milky Lens		Max Length	Compatible with Channel			
				lm/ft	lm/m		IP20	IP65	IP68	IP69
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	44.1	144.6	IP20: 49 ft (15 m) IP65/IP68/IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	52	170.6					
			2200K	57.2	187.6					
			2400K	59.3	194.5					
			2700K	64.6	211.9					
			3000K	64.6	211.9					
			3500K	68.3	224					
			4000K	70.4	230.9					
			6000K	68.8	225.7					
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	88.2	289.3	IP20: 49 ft (15 m) IP65/IP68/IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	102.9	337.5					
			2200K	114.5	375.6					
			2400K	118.7	389.3					
			2700K	129.2	423.8					
			3000K	129.2	423.8					
			3500K	135.5	444.4					
			4000K	140.7	461.5					
			6000K	137.6	451.3					
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	127.8	419.2	IP20: 42 ft (12.8 m) IP65/IP68/IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	147.8	484.8					
			2200K	163.2	535.3					
			2400K	170.9	560.6					
			2700K	184.8	606.1					
			3000K	187.9	616.3					
			3500K	195.6	641.6					
			4000K	204.8	671.7					
			6000K	197.1	646.5					
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	176.4	578.6	IP20: 36 ft (11 m) IP65/IP68/IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			2000K	205.8	675					
			2200K	226.8	743.9					
			2400K	230.6	756.5					
			2700K	258.1	846.7					
			3000K	273	895.3					
			3500K	279.3	916.1					
			4000K	279.3	916.1					
			6000K	266.6	874.5					
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	249.5	818.3	28 ft 4 in. (8.64 m)	✓	✓	✓	✓
			2000K	292.6	959.7					
			2200K	323.4	1060.8					
			2400K	335.7	1101.2					
			2700K	375.8	1232.5					
			3000K	397.3	1303.2					
			3500K	406.6	1333.5					
			4000K	406.6	1333.5					
			6000K	388.1	1272.9					
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	290.5	952.8	IP20: 33 ft 4 in. (10.1 m) IP65: 32.8 ft (10 m)	✓	✓		
			2000K	343	1125					
			2200K	374.5	1228.4					
			2400K	384.4	1260.8					
			2700K	430.2	1411.2					
			3000K	454.9	1492.1					
			3500K	465.5	1526.8					
			4000K	465.5	1526.8					
			6000K	444.3	1457.4					
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	344.4	1129.6	28 ft (8.5 m)	✓	✓		
			2000K	399.0	1308.7					
			2200K	445.2	1460.3					
			2400K	457.8	1501.6					
			2700K	512.4	1680.7					
			3000K	541.8	1777.1					
			3500K	554.4	1818.4					
			4000K	554.4	1818.4					
			6000K	529.2	1735.8					

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Incremental Length	LED Pitch	Color Temperature	Delivered Lumens with Milky Lens		Max Length	Compatible with Channel			
				lm/ft	lm/m		IP20	IP65	IP68	IP69
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	22	70.6	IP20: 49 ft (15 m) IP65/IP68/IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			Green	92	301.4					
			Blue	10	32.7					
			Amber	18	58.6					
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	44	144.7	IP20: 49 ft (15 m) IP65/IP68/IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			Green	168	551.1					
			Blue	19	62					
			Amber	36	117.1					
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	65	212.2	IP20: 42 ft (12.8 m) IP65/IP68/IP69: 32.8 ft (10 m)	✓	✓	✓	✓
			Green	223	732.4					
			Blue	28	90.9					
			Amber	51	166.7					
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	84	275.52	32.8 ft (10 m)	✓	✓	✓	✓
			Green	266.7	874.78					
			Blue	52.5	172.2					
			Amber	60.9	199.75					
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	117	383.89	29 ft (8.8 m)	✓	✓	✓	✓
			Green	360.4	1181.98					
			Blue	73.9	242.4					
			Amber	77	252.56					
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	129.5	424.76	30 ft (9.14 m)	✓	✓		
			Green	406	1331.68					
			Blue	84	275.52					
			Amber	91	298.48					
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	155.4	509.71	28 ft (8.5 m)	✓	✓		
			Green	474.6	1556.6					
			Blue	96.6	316.9					
			Amber	100.8	330.7					
2.4 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	112.7	369.6	21.3 ft (6.5 m)	✓	n/a	n/a	n/a
			3000K	119	391.3					
			3500K	139.3	457.8					
			4000K	139.3	457.8					
3.0 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	138.6	455	21.3 ft (6.5 m)	✓	n/a	n/a	n/a
			3000K	153.3	503.3					
			3500K	163.8	537.6					
			4000K	174.3	571.9					
4.3 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	226.1	740.6	24.6 ft (7.5 m)	✓	n/a	n/a	n/a
			3000K	234.5	770					
			3500K	259	849.8					
			4000K	259	849.8					
6.1 Variable White Linea	1.09 in. (27.78 mm)	175 LEDs/ft (576 LEDs/m)	2700K + 6500K	406	1332.1	16.4 ft (5 m)	✓	n/a	n/a	n/a

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	Delivered Lumens with Milky Lens		Max Length	Compatible with Channel			
				lm/ft	lm/m		IP20	IP65	IP68	IP69
1.5 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	1800K	83.9	275.1	32.74 ft (9.98 m)	✓	n/a	n/a	n/a
			2000K	99	324.7					
			2200K	108.6	356.3					
			2400K	112.7	369.8					
			2700K	127.9	419.4					
			3000K	133.4	437.5					
			3500K	137.5	451					
			4000K	134.7	442					
			6000K	132	433					
3.0 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	1800K	149.3	489.9	23.62 ft (7.2 m)	✓	n/a	n/a	n/a
			2000K	176.2	578.3					
			2200K	193.4	634.5					
			2400K	200.7	658.6					
			2700K	227.7	747					
			3000K	237.4	779.1					
			3500K	244.8	803.2					
			4000K	239.9	787.1					
			6000K	235	771.1					
4.5 Static White Xacta	0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	1800K	228	747.9	19.03 ft (5.8 m)	✓	n/a	n/a	n/a
			2000K	269.1	882.8					
			2200K	295.2	968.6					
			2400K	306.5	1005.4					
			2700K	347.6	1140.3					
			3000K	362.5	1189.3					
			3500K	373.7	1226.1					
			4000K	366.3	1201.6					
			6000K	358.8	1177.1					
1.5 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	143.9	472	32.15 ft (9.8 m)	✓	n/a	n/a	n/a
3.0 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	282.4	926.5	22.31 ft (6.8 m)	✓	n/a	n/a	n/a
4.5 Variable White Xacta	0.2 in. (5 mm)	122 LEDs/ft (400 LEDs/m)	2400K + 6000K	398.9	1308.5	19.03 ft (5.8 m)	✓	n/a	n/a	n/a
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	60	200	32.8 ft (10 m)	✓	✓	✓	
3.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	168	551.2	32.8 ft (10 m)	✓	✓	✓	
6.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	315	1033.5	19 ft 8 in. (6 m)	✓	✓	✓	
4.4 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW (all on)	87.15	285.6	19 ft 8 in. (6 m)	✓	n/a	n/a	n/a
5.5 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW (all on)	148.5	487.2	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 (all on)	243.3	798.5	16 ft 4 in. (5 m)	✓	n/a	n/a	n/a
4.4 5-in-1 RGBWW	2.46 in. (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW (all on)	402.6	1320.9	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 (all on)	194.7	638.8	11 ft 6 in. (3.5 m)	✓	n/a	n/a	n/a
6.1 Pixel RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB (All on)	330	1082.7	24 ft 7.2 in. (7.5 m)	✓	n/a	n/a	n/a
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	201.6	661.5	16 ft 4 in. (5 m)	✓	✓		

DIODE VISIBILITY CHART



No Visible Diode = N

Note: Linea RibbonLyte has no visible diode



With Visible Diode = Y

Static White & Static Color Series 2		Static White & Static Color Xacta	RGBW & RGBA Series 2		5-in-1 RGBWW	5-in-1 RGBWW	Pixel RGB	Variable White Series 2	Warm Dim
0.75/1.5/2.2/3.0	4.4/5.0/6.0	1.5/3.0/4.5	4.4/8.8	5.5	4.4	8.8	6.1	1.0/3.0/6.0	5.2
IP20/IP65/IP68/IP69	IP20/ IP65	IP20	IP20	IP65	IP20	IP20	IP20	IP20/ IP65/IP68	IP20/IP65
Y	N	Y	Y	Y	Y	Y	Y	Y	Y

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V/ELV/MLV 3-IN-1



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

ELV



60W Dimmable Driver

Part No.:
- DRVW2460ELV

24 VDC
100-130 VAC
Fits in single-gang switch boxes
IP20, dry locations
UL Recognized

0-10V VW/WD



0-10V Dimmable 96W VW/WD Driver

Part No.:
- DRVW2496VWWD

24 VDC
100-277 VAC
UL wet-rated, dry/damp/wet locations
UL Listed

COMPACT



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



94W Athena Wireless Compatible Drivers

Part No.:
- DRVW2494ATH1CH (1 channel)
- DRVW2494ATH2CH (2 channel)

24 VDC
100-277 VAC
Dry locations
UL Listed

CASAMBI COMPATIBLE DRIVERS



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

DIMMABLE DALI-2 DRIVERS



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

DIMMABLE DALI-2 DRIVERS



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.:
- AWCRGBWWBK
- AWCVWBK



1 ZONE WALL CONTROLLER
Part No.: DMXCTRLG



5 ZONE WALL CONTROLLER
Part No.: DMXCTRL



10 ZONE WALL CONTROLLER
Part No.: DMXCTRLD



6 UNIVERSE DMX CONTROLLER
Part No.: DMXCTRLDR6U



VARIABLE WHITE DIMMER
Part No.:
- RFDIMVWWH (White)
- RFDIMVWBK (Black)



WARM DIM DIMMER
Part No.:
- RFDIMWDWH (White)
- RFDIMWDBK (Black)



4 CHANNEL WATERPROOF DMX INTERFACE
Part No.: DMXINFWLCD4



5 CHANNEL DMX DECODER
Part No.: DMXINF5



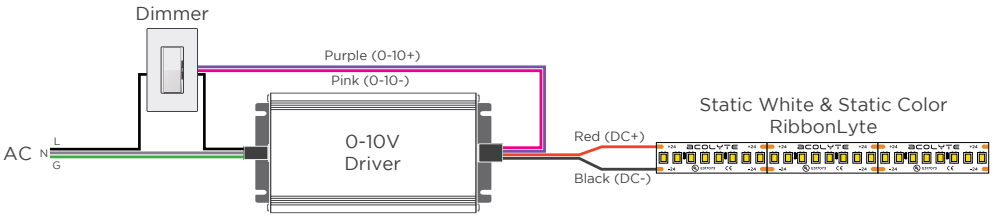
DMX OPTO SPLITTER
Part No.: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

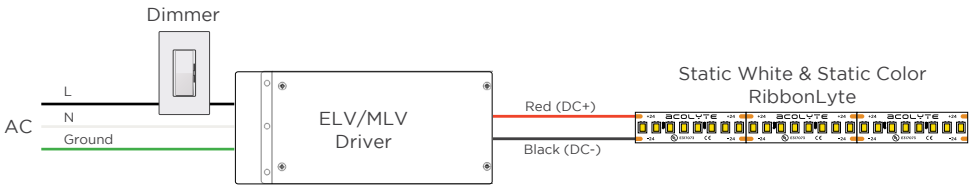
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG / 0.5 mm²	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 mm²	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 mm²	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 mm²	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 mm²	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 mm²	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 mm²	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

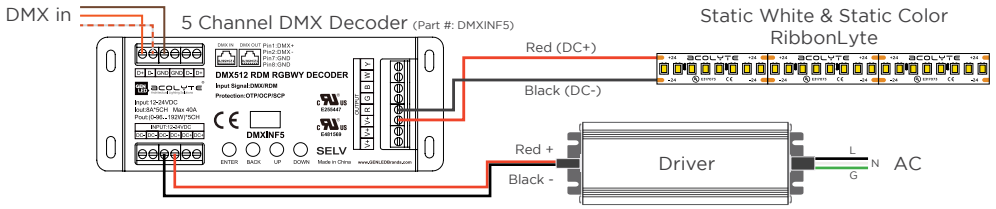
0-10 V



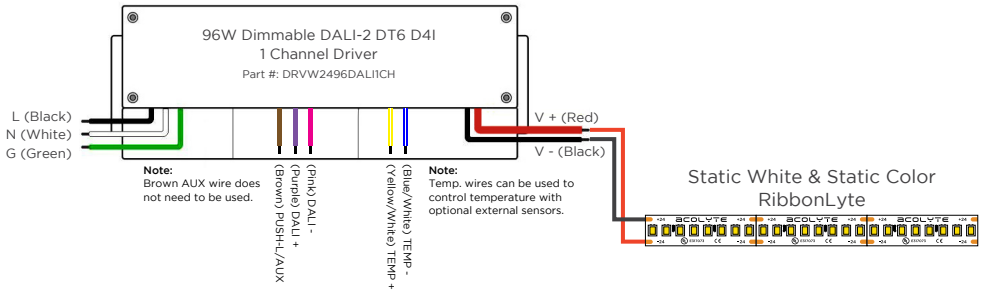
MLV / ELV



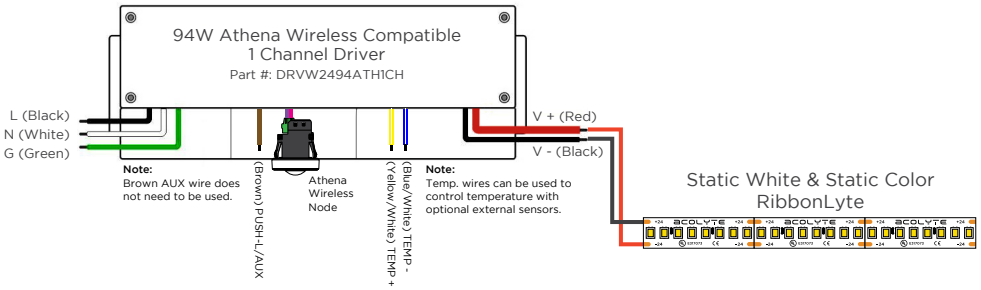
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



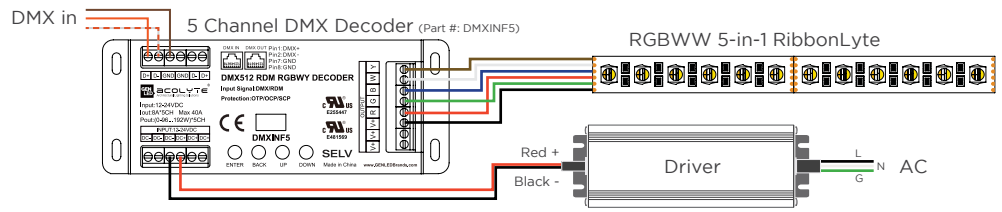
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



STATIC WHITE & STATIC COLOR RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



DMX WITH RGBWW 5-IN-1 RIBBONLYTE



WIRE COLORS

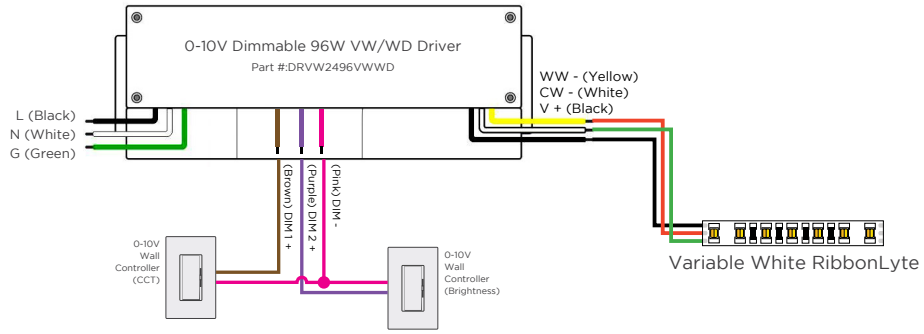
STATIC WHITE + STATIC COLOR
Red Wire (+) Positive
Black Wire (-) Negative

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

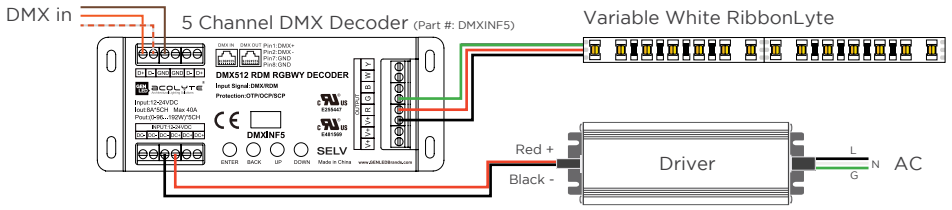
RGBWW
Black (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel 1
Brown Wire (-) goes to White Channel 2

WIRING DIAGRAMS - VARIABLE WHITE

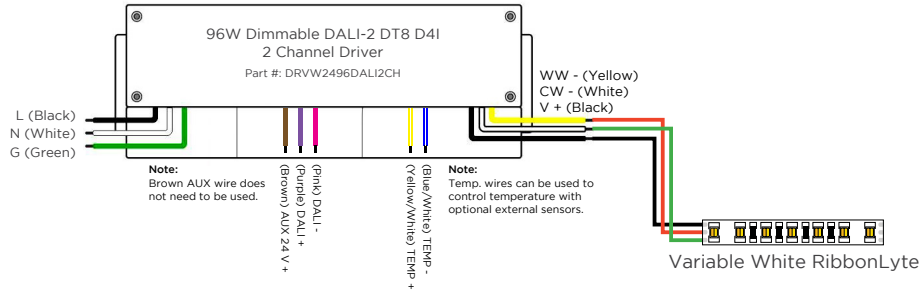
2-CHANNEL VARIABLE WHITE DIMMING



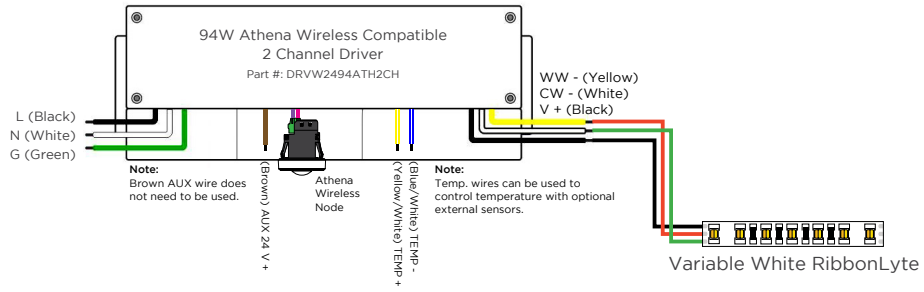
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



WIRE COLORS

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

REV.04NOV2026

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