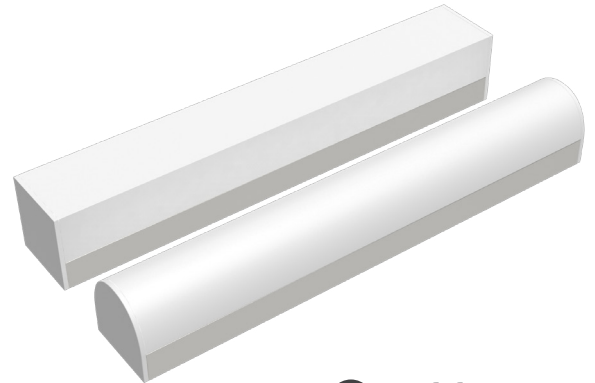


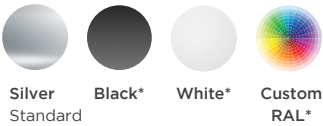
AS13 CHANNEL FIXTURE

The AS13 is a shallow aluminum surface mounted channel available with round milky or square milky lens. This sleek, wide channel mounts flush to the surface. Create a custom fixture with AS13, your choice of round milky or square milky lenses and our RibbonLyte products.

- Available for field assembly or factory assembly
- 1.31 in. (33.4 mm) wide by 1.29 in. (32.7 mm) deep with round lens, 1.37 in. (34.8 mm) deep with square lens
- Beam angles: 100°x140° with Round Lens, 100°x150° with Square Lens
- Wattage Range from 0.75 W/ft (2.46 W/m) to 12 W/ft (39.4 W/m)
- Static White delivered lumen range: 47 lm/ft (155 lm/m) up to 975 lm/ft (3199 lm/m)
- Round Milky Lens or Square Milky Lens
- Suitable for use in closets with RibbonLyte (6.0 W/ft and less)



HOUSING FINISHES

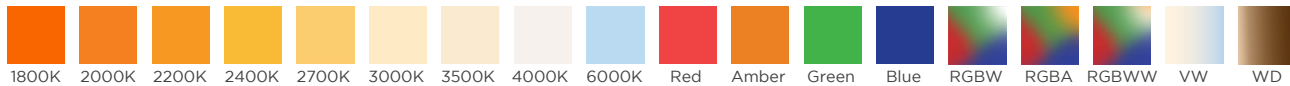


*Additional fee applies

LENS FINISHES

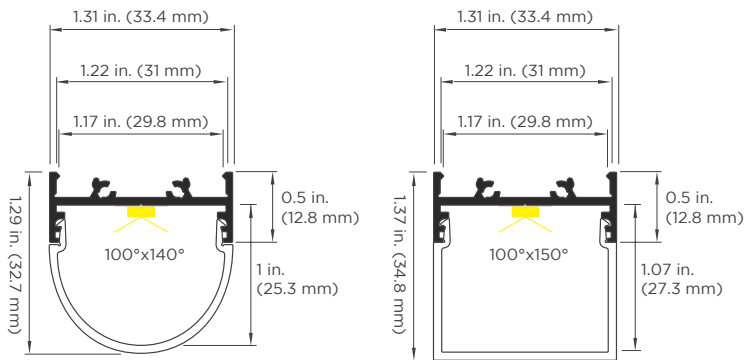


AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

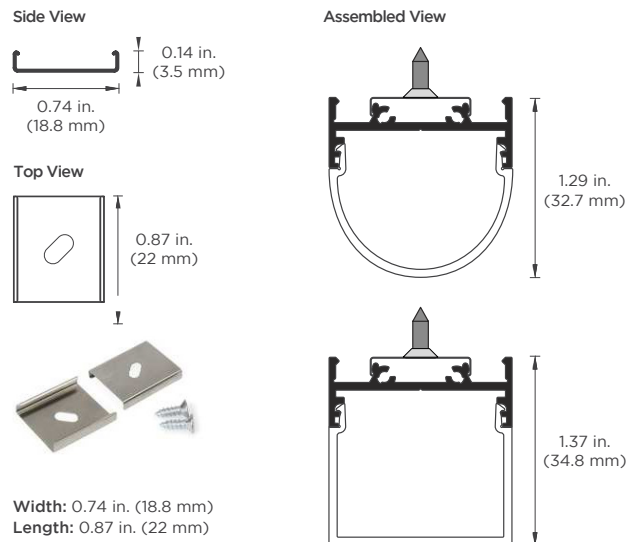
AS13 Channel



Width: 1.31 in. (33.4 mm)
Height: 1.29 in. (32.7 mm)
Internal Width: 1.22 in. (31 mm)
Internal Height: 1 in. (25.3 mm)

Width: 1.31 in. (33.4 mm)
Height: 1.37 in. (34.8 mm)
Internal Width: 1.22 in. (31 mm)
Internal Height: 1.07 in. (27.3 mm)

Mounting Clip (included accessory)



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.

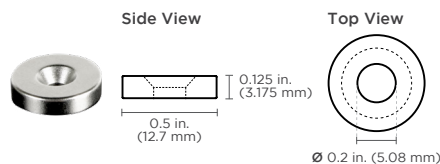
SPECIFICATIONS

Beam Angle	100°x140° with Round Milky Lens, 100°x150° with Square Milky Lens
Lens Type	Round Milky Lens, Square 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 / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / 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, RGBA, RGBW, RGBWW, VW, RGBW Addressable, 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	ETL 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 UL 2108 - Low Voltage Lighting Systems UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

ACCESSORIES (SEE PART NUMBERS AT STEP 4 ON PAGE 3)

End Cap (D) for channel with Round Lens	End Cap (E) for channel with Square Lens	Tiltable Stand
End Cap options when using channel with Round Lens or Square Lens: 1. Use End Cap (D) for channel with Round Lens 2. Use End Cap (E) for channel with Square Lens		Assembled Height with channel & Round Lens: 2.15 in. (54.5 mm) Assembled Height with channel & Square Lens: 2.23 in. (56.6 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	END CAPS
CHAS13			
CHAS13 - AS13 Channel	RM - Round Milky Lens	SV - Silver (standard)	D - End Cap for channel with Round Milky Lens
	SM - Square Milky Lens	BK - Black	E - End Cap for channel with Square Milky Lens
		WH - White	
		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	RGBWS220 - RGBW Series 2 IP20	VWS220 - VW Series 2 IP20
	90 - 90+ CRI Static White	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
		SWDR20 - Static White Double Row IP20	RGBWA20 - RGBW/A IP20	WD20 - Warm Dim IP20
		SCS220 - Static Color Series 2 IP20	RGBWA65 - RGBW/A IP65	WD65 - Warm Dim IP65
		SCS265 - Static Color Series 2 IP65	RGBWA68 - RGBW/A IP68	WD68 - Warm Dim IP68
		SCS268 - Static Color Series 2 IP68	RGBWADR20 - RGBW/A Double Row IP20	
		RGBWADD - Addressable RGBW IP67	VWDR20 - Variable White Double Row IP20	
		RGBWW20 - RGBWW 5-in-1 IP20		

NOTE: To ensure waterproofing standards are met, IP65, IP67, and IP68 RibbonLyte can NOT be cut in the field.

WATTAGE

0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)
 1.0 - 1.0 W/ft (3.3 W/m - Variable White)
 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)
 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)
 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White, RGBW, RGBA)
 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW,, RGBA)
 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)
 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)
 5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)
 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White, RGBW, RGBA, RGBW Addressable)
 8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW, RGBA)
 12.0 - 12.0 W/ft (39.4 W/m - Static White, Variable White, RGBW, RGBA)

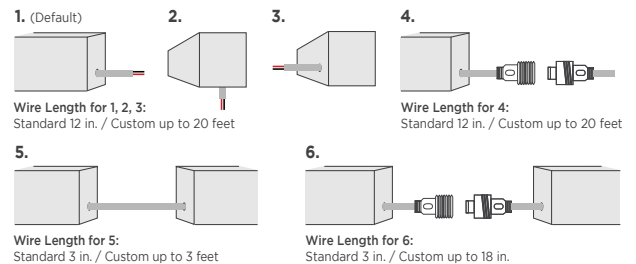
COLOR

18 - 1800K **VW** - Variable White
 20 - 2000K **RGB27** - Red, Green, Blue + 2700K
 22 - 2200K **RGB30** - Red, Green, Blue + 3000K
 24 - 2400K **RGB40** - Red, Green, Blue + 4000K
 27 - 2700K **RGB60** - Red, Green, Blue + 6000K
 30 - 3000K **RGB2465** - Red, Green, Blue + 2400K + 6500K
 35 - 3500K **RGBA** - Red, Green, Blue + Amber
 40 - 4000K **RGBW30** - RGB + 3000K Addressable
 60 - 6000K **RGBW40** - RGB + 4000K Addressable
 R - Red **RGBW60** - RGB + 6000K Addressable
 A - Amber **2920** - Warm Dim 2900K - 2000K (IP20)
 G - Green **2721** - Warm Dim 2700K - 2100K (IP65+IP68)
 B - Blue **Z** - Undecided**
 ** For quotes only. Must be chosen before final order.

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 |



STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 78 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly* * Factory assembly is not recommended for exterior applications	

STEP 4 Add Accessories

ACCESSORIES

TILTSTANDST - Tilttable Stand **CHMAGO.5** - Magnetic Mount

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattage	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Round Milky Lens (lm/ft / lm/m)	Delivered Lumens with Square Milky Lens (lm/ft / lm/m)	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	47 / 155	47 / 155	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	99	56 / 183	56 / 183				
			2200K	109	61 / 201	61 / 201				
			2400K	113	64 / 209	64 / 209				
			2700K	123	69 / 227	69 / 227				
			3000K	123	69 / 227	69 / 227				
			3500K	130	73 / 240	73 / 240				
			4000K	134	75 / 247	75 / 247				
			6000K	131	74 / 242	74 / 242				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	95 / 310	95 / 310	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	110 / 362	110 / 362				
			2200K	109	123 / 402	123 / 402				
			2400K	113	127 / 417	127 / 417				
			2700K	123	138 / 454	138 / 454				
			3000K	123	138 / 454	138 / 454				
			3500K	129	145 / 476	145 / 476				
			4000K	134	151 / 495	151 / 495				
			6000K	131	147 / 484	147 / 484				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	137 / 449	137 / 449	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	96	158 / 520	158 / 520				
			2200K	106	175 / 574	175 / 574				
			2400K	111	183 / 601	183 / 601				
			2700K	120	198 / 650	198 / 650				
			3000K	122	201 / 660	201 / 660				
			3500K	127	210 / 687	210 / 687				
			4000K	133	219 / 720	219 / 720				
			6000K	128	211 / 693	211 / 693				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	189 / 620	189 / 620	IP20: 36 ft (11 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	221 / 723	221 / 723				
			2200K	108	243 / 797	243 / 797				
			2400K	109.8	247 / 811	247 / 811				
			2700K	122.9	277 / 907	277 / 907				
			3000K	130	293 / 960	293 / 960				
			3500K	133	299 / 982	299 / 982				
			4000K	133	299 / 982	299 / 982				
			6000K	128	288 / 945	288 / 945				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	81	267 / 877	267 / 877	28 ft 4 in. (8.64 m)	✓	✓	✓
			2000K	95	314 / 1029	314 / 1029				
			2200K	105	347 / 1137	347 / 1137				
			2400K	109	360 / 1180	360 / 1180				
			2700K	122	403 / 1321	403 / 1321				
			3000K	129	426 / 1397	426 / 1397				
			3500K	132	436 / 1429	436 / 1429				
			4000K	132	436 / 1429	436 / 1429				
			6000K	126	416 / 1364	416 / 1364				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	83	311 / 1021	311 / 1021	IP20: 33 ft 4 in. (10.1 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	368 / 1206	368 / 1206				
			2200K	107	401 / 1316	401 / 1316				
			2400K	110	412 / 1351	412 / 1351				
			2700K	123	461 / 1512	461 / 1512				
			3000K	130	488 / 1599	488 / 1599				
			3500K	133	499 / 1636	499 / 1636				
			4000K	133	499 / 1636	499 / 1636				
			6000K	127	476 / 1562	476 / 1562				

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Round Milky Lens (lm/ft / lm/m)	Delivered Lumens with Square Milky Lens (lm/ft / lm/m)	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)	1800K	82	369 / 1211	369 / 1211	28 ft (8.5 m)	✓	✓	✓
			2000K	95	428 / 1403	428 / 1403				
			2200K	106	477 / 1565	477 / 1565				
			2400K	109	491 / 1609	491 / 1609				
			2700K	122	549 / 1801	549 / 1801				
			3000K	129	581 / 1905	581 / 1905				
			3500K	132	594 / 1949	594 / 1949				
			4000K	132	594 / 1949	594 / 1949				
			6000K	126	567 / 1860	567 / 1860				
3.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	73	158 / 518	158 / 518	65 ft 7 in. (20 m)	✓	N/A	N/A
			2000K	86	186 / 612	186 / 612				
			2200K	94	204 / 668	204 / 668				
			2400K	97	209 / 686	209 / 686				
			2700K	109	236 / 774	236 / 774				
			3000K	118	255 / 836	255 / 836				
			3500K	119	257 / 843	257 / 843				
			4000K	118	255 / 836	255 / 836				
			6000K	114	247 / 811	247 / 811				
6.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	73	316 / 1036	316 / 1036	39 ft (12 m)	✓	N/A	N/A
			2000K	86	373 / 1223	373 / 1223				
			2200K	94	407 / 1336	407 / 1336				
			2400K	97	418 / 1373	418 / 1373				
			2700K	109	472 / 1548	472 / 1548				
			3000K	118	510 / 1673	510 / 1673				
			3500K	119	514 / 1685	514 / 1685				
			4000K	118	510 / 1673	510 / 1673				
			6000K	114	495 / 1623	495 / 1623				
12.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	69	599 / 1967	599 / 1967	26 ft 3 in. (8 m)	✓	N/A	N/A
			2000K	82	708 / 2322	708 / 2322				
			2200K	89	773 / 2535	773 / 2535				
			2400K	92	794 / 2606	794 / 2606				
			2700K	104	895 / 2938	895 / 2938				
			3000K	112	968 / 3175	968 / 3175				
			3500K	113	975 / 3199	975 / 3199				
			4000K	112	968 / 3175	968 / 3175				
			6000K	109	939 / 3080	939 / 3080				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	23 / 76	23 / 76	IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	175	98 / 323	98 / 323				
			Blue	19	11 / 35	11 / 35				
			Amber	34	19 / 63	19 / 63				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	47 / 155	47 / 155	IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	160	180 / 591	180 / 591				
			Blue	18	20 / 66	20 / 66				
			Amber	34	38 / 125	38 / 125				

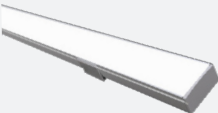
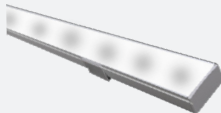
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Round Milky Lens (lm/ft / lm/m)	Delivered Lumens with Square Milky Lens (lm/ft / lm/m)	Max Length	Compatible with Channel		
								IP20	IP65	IP68
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	69 / 227	69 / 227	IP20: 42 ft (12.8 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	145	239 / 785	239 / 785				
			Blue	18	30 / 97	30 / 97				
			Amber	34	56 / 184	56 / 184				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	90 / 295	90 / 295	32.8 ft (10 m)	✓	✓	✓
			Green	127	286 / 937	286 / 937				
			Blue	25	56 / 185	56 / 185				
			Amber	29	65 / 214	65 / 214				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	125 / 411	125 / 411	29 ft (8.8 m)	✓	✓	✓
			Green	117	386 / 1267	386 / 1267				
			Blue	24	79 / 260	79 / 260				
			Amber	25	83 / 271	83 / 271				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	139 / 455	139 / 455	30 ft (9.14 m)	✓	✓	✓
			Green	116	435 / 1427	435 / 1427				
			Blue	24	90 / 295	90 / 295				
			Amber	26	98 / 320	98 / 320				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	167 / 546	167 / 546	28 ft (8.5 m)	✓	✓	✓
			Green	113	509 / 1668	509 / 1668				
			Blue	23	104 / 340	104 / 340				
			Amber	24	108 / 354	108 / 354				
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85	64 / 209	64 / 209	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	180 / 591	180 / 591	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	337.5 / 1107	337.5 / 1107	32.8 ft (10 m)	✓	✓	✓
3.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	87	188 / 617	188 / 617	65 ft 7 in. (20 m)	✓	N/A	N/A
6.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	82	354 / 1162	354 / 1162	45 ft 11 in. (14 m)	✓	N/A	N/A
12.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	71	613 / 2013	613 / 2013	22 ft 11 in. (7 m)	✓	N/A	N/A
4.4 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	45	138.6 / 454.7	138.6 / 454.7	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	272.2 / 745.3	272.2 / 745.3	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	375.8 / 1232.9	375.8 / 1232.9	16 ft 4 in. (5 m)	✓	N/A	N/A

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Round Milky Lens (lm/ft / lm/m)	Delivered Lumens with Square Milky Lens (lm/ft / lm/m)	Max Length	Compatible with Channel		
								IP20	IP65	IP68
3.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	91	205 / 672	205 / 672	26 ft 3 in. (8 m)	✓	N/A	N/A
3.0 RGBA Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBA	78	205 / 672	205 / 672	26 ft 3 in. (8 m)	✓	N/A	N/A
6.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	91	410 / 1344	410 / 1344	22 ft 11 in. (7 m)	✓	N/A	N/A
6.0 RGBA Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBA	80	410 / 1344	410 / 1344	22 ft 11 in. (7 m)	✓	N/A	N/A
12.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	79	711 / 2333	711 / 2333	14 ft 9 in. (4.5 m)	✓	N/A	N/A
12.0 RGBA Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBA	75	711 / 2333	711 / 2333	14 ft 9 in. (4.5 m)	✓	N/A	N/A
4.4 RGBW	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	65	215 / 704	215 / 704	19 ft 7.9 in. (6 m)	✓	✓	✓
4.4 RGBA	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	33	109 / 357	109 / 357	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	210 / 690	210 / 690	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	111 / 365	111 / 365	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	181.7 / 596.2	181.7 / 596.2	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	308.0 / 1010.5	308 / 1010.5	11 ft 6 in (3.5 m)	✓	N/A	N/A
8.8 RGBW	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	61	403 / 1321	403 / 1321	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGBA	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBA	22	145 / 476	145 / 476	19 ft 7.9 in. (6 m)	✓	✓	✓
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	33.5	25.1 / 82.5	25.1 / 82.5	16 ft 5.64 in. (5.02 m)	N/A	N/A	✓ IP67
			Green	82	61.5 / 201.8	61.5 / 201.8				
			Blue	15.5	11.6 / 38.1	11.6 / 38.1				
			White	103	77.3 / 253.5	77.3 / 253.5				
All	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	White	103	77.3 / 253.5	77.3 / 253.5	16 ft 5.64 in. (5.02 m)	N/A	N/A	✓ IP67
			All	40	181.6 / 595.8	181.6 / 595.8				
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	215 / 704	215 / 704	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			Static White	Color Changing RibbonLyte											
0.75/1.5/2.2	3.0/4.4	5.0/6.0	3.0/6.0/12.0 Double Row	4.4 RGBW Series 2	5.5 RGBW Series 2	8.8 RGBW Series 2	3.0/6.0/12.0 RGBW/A Double Row	4.4 RGBW/A	5.5 4-in-1 RGBW/A	4.4/8.8 5-in-1 RGBWW	8.8 RGBW/A	Warm Dim	Variable White Series 2	3.0/6.0/12.0 Variable White Double Row	RGBW Addressable
IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20	IP20	IP65 IP68	IP20	IP20	IP20 IP65 IP68	IP20 IP65 IP68	IP20	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20	IP67
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

AVAILABLE DRIVERS

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

ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS



60W, 96W, 150W, 300W 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
Dimmable
UL, CE, and CSA Listed



LUTRON Skylark Contour Dimmer

Part No.: TRIDIMSKY
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Single pole and 3-way versions
- Compatible with Acolyte MLV drivers
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON NOVA-T Dimmer

Part No.: TRIDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON DIVA Dimmer

Part No.: TRIDIMDIVA
(With Locator Light) TRIDIMDIVAL
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish
- Available with locator light which glows green when the switch is off

Note: For more options, please reference the Optional Dimmer List on Acolyte product website page.

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V DRIVERS AND DIMMERS



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



LUTRON DIVA Dimmer

Part No.: LVDIMDIVA
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish



LUTRON NOVA-T Dimmer

Part No.: LVDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



0-10V Dimmable 90W VW/WD Driver

- Part No.: DRVRFWDVW2490120
- 0-10V Constant Voltage driver
 - Compatible with 0-10V dimming systems
 - Use for Variable White, Warm Dim or Static White
 - No minimum load requirement
 - Driver can be loaded to maximum wattage
 - Meets CEC Title 24 Section JA8 flicker requirements
 - Superior flicker-free dimming to 0.1%
 - UL Listed Class 2 driver
 - Integrated junction box
 - Wiring compartments with knockouts for safety

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



GLASS TOUCH WALL CONTROLLERS

Part Number: AWCRGBWWBK
AWCVWBK



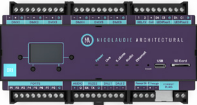
1 ZONE WALL CONTROLLER
Part Number: DMXCTRLG



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: DMXINFLCD5



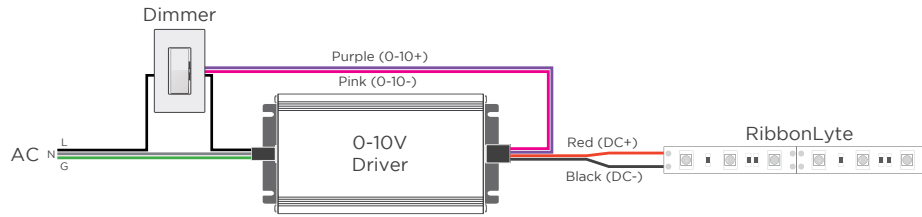
DMX OPTO SPLITTER
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

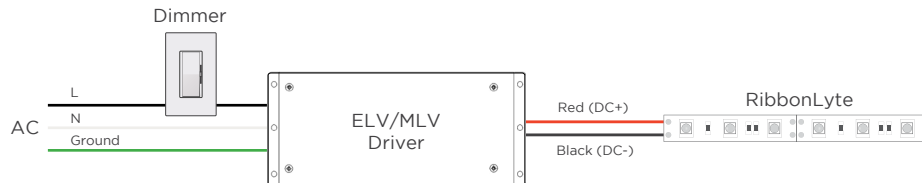
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Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	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

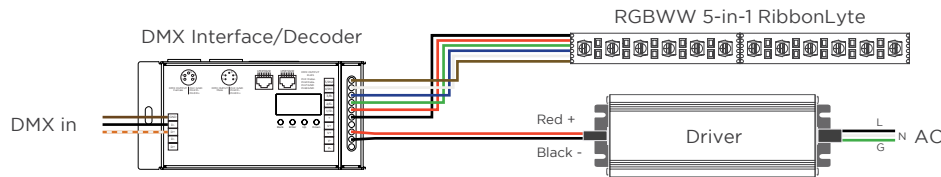
0-10V



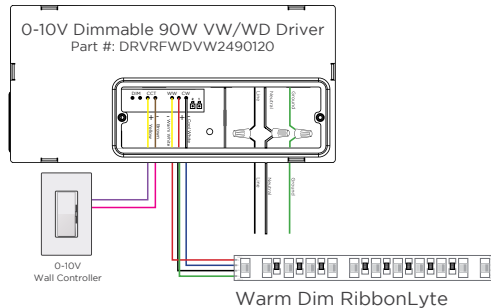
MLV / ELV



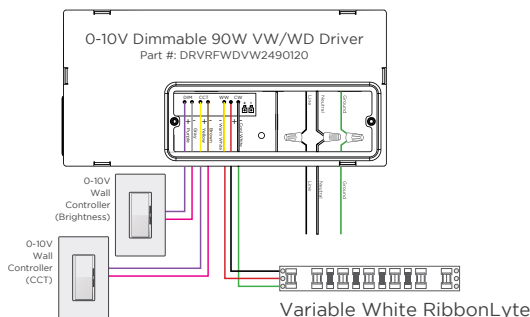
DMX



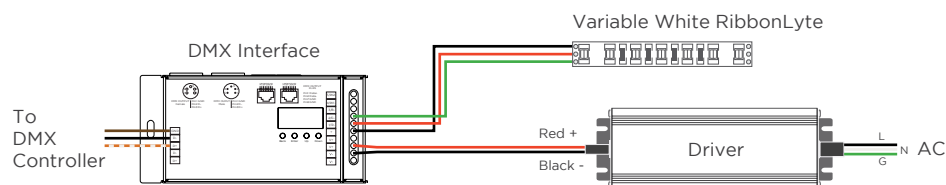
WARM DIM



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
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

RGBWW

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

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.

