

AW38 CHANNEL FIXTURE

The AW38 is a large aluminum surface mounted channel designed for wall mounting. This channel creates fixtures that mount flush to the surface, similar to a sconce. Create a custom fixture with AW38 channel, your choice of clear, milky, black, round milky, or square milky lens and our RibbonLyte products.

- Available for field assembly or factory assembly
- 1.31 in. (33.4 mm) wide by 1.5 in. (38 mm) deep with Milky Lens
2.1 in. (53.4 mm) deep with Round Milky Lens
2.18 in. (55.4 mm) deep with Square Milky Lens
- Beam angles: 110° with Milky Lens, 100°x140° with Round Milky Lens, 100°x150° with Square Milky Lens
- Wattage range: 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 (144.7 lm/m) up to 736.6 lm/ft (2416.7 lm/m)
- Clear Lens, Milky Lens, Black Lens, Round Milky Lens, Square Milky Lens
- Suitable for use in closets with RibbonLyte (6.0 W/ft and less)



HOUSING FINISHES



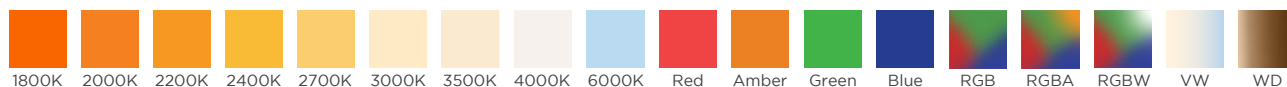
*Additional fee applies

LENS FINISHES



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

AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

AW38 Channel			Mounting Clip (included accessory)	
With Milky Lens: Width: 1.5 in. (38 mm) Height: 1.31 in. (33.4 mm) Internal Width: 1.22 in. (31 mm) Internal Height: 1.17 in. (29.8 mm)	With Round Milky Lens: Width: 1.5 in. (38 mm) Height: 2.1 in. (53.4 mm) Internal Width: 1.22 in. (31 mm) Internal Height: 1.98 in. (50.3 mm)	With Square Milky Lens: Width: 1.5 in. (38 mm) Height: 2.18 in. (55.4 mm) Internal Width: 1.22 in. (31 mm) Internal Height: 2.06 in. (52.3 mm)	Side View	Assembled View
			Top View Width: 0.74 in. (18.8 mm) Length: 0.14 in. (3.5 mm)	

SPECIFICATIONS

Beam Angle	110° with Milky Lens, 100°x140° with Round Milky Lens, 100°x150° with Square Milky Lens
Lens Type	Clear Lens, Milky Lens, Black Lens, 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, RGB, RGBA, RGBW, VW, RGB & 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

End Cap (A) for Channel Only	End Caps (B) for Round Milky Lens Only	End Caps (C) for Square Milky Lens Only
End Cap Options when using Channel with Round Milky Lens or Square Milky Lens: 1. Use End Cap (A) for Channel and flat lens 2. Use both End Cap (A) and End Cap (B) for Channel and Round Milky Lens 3. Use both End Cap (A) and End Cap (C) for Channel and Square Milky Lens		

Reflector (Part # CHREFLECTASAWSV)	180° Coupler (Part # CHCOUP180AS30AW38SV)

Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHAW38		
CHAW38 - AW38 Channel	C - Clear Lens RM - Round Milky Lens M - Milky Lens SM - Square Milky Lens BK - Black Lens	SV - Silver WH - White 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 SWS265 - Static White Series 2 IP65 SWS268 - Static White Series 2 IP68 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65 SCS268 - Static Color Series 2 IP68 RGBADD - Addressable RGB IP67	RGBWADD - Addressable RGBW IP67 VWS220 - VW Series 2 IP20 VWS265 - VW Series 2 IP65 VWS268 - VW Series 2 IP68 RGB20 - RGB IP20 RGB65 - RGB IP65 RGB68 - RGB IP68	RGBWA20 - RGBW/A IP20 RGBWA65 - RGBW/A IP65 RGBWA68 - RGBW/A IP68 WD20 - Warm Dim IP20 WD65 - Warm Dim IP65 WD68 - Warm Dim IP68

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, RGB)
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)
3.7 - 3.7 W/ft (12.1 W/m - Addressable RGB)
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGB, RGBW/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)
5.4 - 5.4 W/ft (17.7 W/m - Addressable RGBW)
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)
8.8 - 8.8 W/ft (28.9 W/m - RGB, RGBW/RGBA)

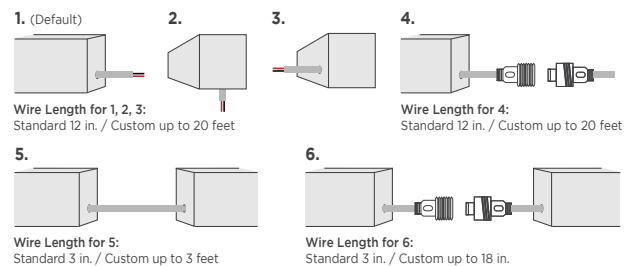
COLOR

18 - 1800K VW - Variable White
20 - 2000K RGB - Red, Green, Blue
22 - 2200K RGB30 - Red, Green, Blue + 3000K
24 - 2400K RGB40 - Red, Green, Blue + 4000K (5.5W only)
27 - 2700K RGB60 - Red, Green, Blue + 6000K
30 - 3000K RGBA - Red, Green, Blue + Amber
35 - 3500K RGBW30 - RGB + 3000K Addressable
40 - 4000K RGBW60 - RGB + 6000K Addressable
60 - 6000K 2920 - Warm Dim 2900K - 2000K (IP20)
R - Red 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
A - Amber Z - Undecided**
G - Green ** For quotes only. Must be chosen before final order.
B - Blue

CONNECTION OPTIONS (See diagrams on the right)

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

Custom Length (ft.)



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	

STEP 4 Add Accessories

ACCESSORIES

CHCOUP180AS30AW38SV - 180° Coupler CHREFLECTASAWSV - Reflector

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattage	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens (lm/ft / lm/m)					Max Length	Compatible with Channel		
					with Clear Lens	with Milky Lens	with Black Lens	with Round Lens	with Square Lens		IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	59 / 192	47 / 155	44 / 145	47 / 155	47 / 155	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	99	69 / 227	56 / 183	52 / 171	56 / 183	56 / 183				
			2200K	109	76 / 249	61 / 201	57 / 188	61 / 201	61 / 201				
			2400K	113	79 / 259	64 / 209	59 / 195	64 / 209	64 / 209				
			2700K	123	86 / 281	69 / 227	65 / 212	69 / 227	69 / 227				
			3000K	123	86 / 281	69 / 227	65 / 212	69 / 227	69 / 227				
			3500K	130	91 / 297	73 / 240	68 / 224	73 / 240	73 / 240				
			4000K	134	93 / 307	75 / 247	70 / 231	75 / 247	75 / 247				
			6000K	131	91 / 300	74 / 242	69 / 226	74 / 242	74 / 242				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	117 / 384	95 / 310	88 / 289	95 / 310	95 / 310	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	137 / 449	110 / 362	103 / 338	110 / 362	110 / 362				
			2200K	109	152 / 499	123 / 402	114 / 375	123 / 402	123 / 402				
			2400K	113	158 / 517	127 / 417	119 / 389	127 / 417	127 / 417				
			2700K	123	172 / 563	138 / 454	129 / 424	138 / 454	138 / 454				
			3000K	123	172 / 563	138 / 454	129 / 424	138 / 454	138 / 454				
			3500K	129	180 / 590	145 / 476	135 / 444	145 / 476	145 / 476				
			4000K	134	187 / 613	151 / 495	141 / 462	151 / 495	151 / 495				
			6000K	131	183 / 600	147 / 484	138 / 451	147 / 484	147 / 484				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	170 / 557	137 / 449	128 / 419	137 / 449	137 / 449	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	96	196 / 644	158 / 520	148 / 485	158 / 520	158 / 520				
			2200K	106	217 / 712	175 / 574	163 / 536	175 / 574	175 / 574				
			2400K	111	227 / 745	183 / 601	171 / 561	183 / 601	183 / 601				
			2700K	120	246 / 806	198 / 650	185 / 606	198 / 650	198 / 650				
			3000K	122	250 / 819	201 / 660	188 / 616	201 / 660	201 / 660				
			3500K	127	260 / 852	210 / 687	196 / 642	210 / 687	210 / 687				
			4000K	133	272 / 893	219 / 720	205 / 672	219 / 720	219 / 720				
			6000K	128	262 / 859	211 / 693	197 / 647	211 / 693	211 / 693				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	234 / 769	189 / 620	176 / 579	189 / 620	189 / 620	IP20: 36 ft (11 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	273 / 897	221 / 723	206 / 675	221 / 723	221 / 723				
			2200K	108	301 / 989	243 / 797	227 / 744	243 / 797	243 / 797				
			2400K	109.8	306 / 1005	247 / 811	231 / 756	247 / 811	247 / 811				
			2700K	122.9	343 / 1125	277 / 907	258 / 847	277 / 907	277 / 907				
			3000K	130	363 / 1190	293 / 960	273 / 896	293 / 960	293 / 960				
			3500K	133	371 / 1217	299 / 982	279 / 916	299 / 982	299 / 982				
			4000K	133	371 / 1217	299 / 982	276 / 916	299 / 982	299 / 982				
			6000K	128	357 / 1172	288 / 945	269 / 882	288 / 945	288 / 945				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	81	331 / 1087	267 / 877	249 / 818	267 / 877	267 / 877	28 ft 4 in. (8.64 m)	✓	✓	✓
			2000K	95	389 / 1275	314 / 1029	293 / 960	314 / 1029	314 / 1029				
			2200K	105	430 / 1410	347 / 1137	323 / 1061	347 / 1137	347 / 1137				
			2400K	109	446 / 1463	360 / 1180	336 / 1101	360 / 1180	360 / 1180				
			2700K	122	499 / 1638	403 / 1321	376 / 1233	403 / 1321	403 / 1321				
			3000K	129	528 / 1732	426 / 1397	397 / 1304	426 / 1397	426 / 1397				
			3500K	132	540 / 1772	436 / 1429	407 / 1334	436 / 1429	436 / 1429				
			4000K	132	540 / 1772	436 / 1429	407 / 1334	436 / 1429	436 / 1429				
			6000K	126	516 / 1692	416 / 1364	388 / 1273	416 / 1364	416 / 1364				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	83	386 / 1266	311 / 1021	291 / 953	311 / 1021	311 / 1021	IP20: 33 ft 4 in. (10.1 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	456 / 1495	368 / 1206	343 / 1125	368 / 1206	368 / 1206				
			2200K	107	498 / 1632	401 / 1316	375 / 1229	401 / 1316	401 / 1316				
			2400K	110	511 / 1675	412 / 1351	384 / 1261	412 / 1351	412 / 1351				
			2700K	123	571 / 1875	461 / 1512	430 / 1411	461 / 1512	461 / 1512				
			3000K	130	605 / 1983	488 / 1599	455 / 1493	488 / 1599	488 / 1599				
			3500K	133	618 / 2029	499 / 1636	466 / 1527	499 / 1636	499 / 1636				
			4000K	133	618 / 2029	499 / 1636	466 / 1527	499 / 1636	499 / 1636				
			6000K	127	591 / 1937	476 / 1562	445 / 1458	476 / 1562	476 / 1562				

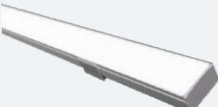
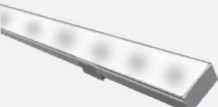
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens (lm/ft / lm/m)					Max Length	Compatible with Channel		
					with Clear Lens	with Milky Lens	with Black Lens	with Round Lens	with Square Lens		IP20	IP65	IP68
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	82	458 / 1501	369 / 1211	344 / 1130	369 / 1211	369 / 1211	28 ft (8.5 m)	✓	✓	✓
			2000K	95	530 / 1739	428 / 1403	399 / 1309	428 / 1403	428 / 1403				
			2200K	106	591 / 1941	477 / 1565	445 / 1461	477 / 1565	477 / 1565				
			2400K	109	608 / 1995	491 / 1609	458 / 1502	491 / 1609	491 / 1609				
			2700K	122	681 / 2233	549 / 1801	512 / 1681	549 / 1801	549 / 1801				
			3000K	129	720 / 2362	581 / 1905	542 / 1778	581 / 1905	581 / 1905				
			3500K	132	737 / 2417	594 / 1949	554 / 1819	594 / 1949	594 / 1949				
			4000K	132	737 / 2417	594 / 1949	554 / 1819	594 / 1949	594 / 1949				
			6000K	126	703 / 2307	567 / 1860	529 / 1736	567 / 1860	567 / 1860				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	29 / 94	23 / 76	22 / 71	23 / 76	23 / 76	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	175	122 / 400	98 / 323	92 / 301	98 / 323	98 / 323				
			Blue	19	13.3 / 43	10.7 / 35	10 / 33	10.7 / 35	10.7 / 35				
			Amber	34	24 / 78	19 / 63	18 / 59	19 / 63	19 / 63				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	59 / 192	47 / 155	44 / 145	47 / 155	47 / 155	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	160	223 / 732	180 / 591	168 / 551	180 / 591	180 / 591				
			Blue	18	25 / 82	20 / 66	19 / 62	20 / 66	20 / 66				
			Amber	34	47 / 156	38 / 125	36 / 117	38 / 125	38 / 125				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	86 / 282	69 / 227	65 / 212	69 / 227	69 / 227	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	145	297 / 973	239 / 785	223 / 733	239 / 785	239 / 785				
			Blue	18	37 / 121	30 / 97	28 / 91	30 / 97	30 / 97				
			Amber	34	70 / 228	56 / 184	52 / 172	56 / 184	56 / 184				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	112 / 366	90 / 295	84 / 276	90 / 295	90 / 295	32.8 ft (10 m)	✓	✓	✓
			Green	127	354 / 1162	286 / 937	267 / 875	286 / 937	286 / 937				
			Blue	25	70 / 229	56 / 185	53 / 172	56 / 185	56 / 185				
			Amber	29	81 / 265	65 / 214	61 / 200	65 / 214	65 / 214				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	155 / 510	125 / 411	117 / 384	125 / 411	125 / 411	29 ft (8.8 m)	✓	✓	✓
			Green	117	479 / 1571	386 / 1267	360 / 1182	386 / 1267	386 / 1267				
			Blue	24	98 / 322	79 / 260	74 / 243	79 / 260	79 / 260				
			Amber	25	102 / 336	83 / 271	77 / 253	83 / 271	83 / 271				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	172 / 564	139 / 455	130 / 425	139 / 455	139 / 455	30 ft (9.14 m)	✓	✓	✓
			Green	116	539 / 1770	435 / 1427	406 / 1332	435 / 1427	435 / 1427				
			Blue	24	112 / 366	90 / 295	84 / 276	90 / 295	90 / 295				
			Amber	26	121 / 397	98 / 320	91 / 299	98 / 320	98 / 320				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	206 / 677	167 / 546	155 / 510	167 / 546	167 / 546	28 ft (8.5 m)	✓	✓	✓
			Green	113	631 / 2069	509 / 1668	475 / 1557	509 / 1668	509 / 1668				
			Blue	23	128 / 421	104 / 340	97 / 317	104 / 340	104 / 340				
			Amber	24	134 / 439	108 / 354	101 / 331	108 / 354	108 / 354				
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85	79.1 / 259	63.8 / 209	59.5 / 195	63.8 / 209	63.8 / 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	223.2 / 732	180 / 591	168 / 551	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	418.5 / 1373	337.5 / 1107	315 / 1033	337.5 / 1107	337.5 / 1107	32.8 ft (10 m)	✓	✓	✓

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens (lm/ft / lm/m)					Max Length	Compatible with Channel		
					with Clear Lens	with Milky Lens	with Black Lens	with Round Lens	with Square Lens		IP20	IP65	IP68
2.2 RGB	6.55 in. (166.4 mm)	9 LEDs/ft (30 LEDs/m)	RGB	37	75.7 / 248	61.1 / 200	57 / 187	61.1 / 200	61.1 / 200	19 ft 7.9 in. (6 m)	✓	✓	✓
4.4 RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	75.7 / 248	61.1 / 200	57 / 187	61.1 / 200	61.1 / 200	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGB	1.97 in. (50 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	302.8 / 993	244.2 / 801	227.9 / 748	244.2 / 801	244.2 / 801	19 ft 7.9 in. (6 m)	✓	✓	✓
4.4 RGBW	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	65	266 / 873	214.5 / 704	200.2 / 657	214.5 / 704	214.5 / 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	135 / 443	108.9 / 357	101.6 / 333	108.9 / 357	108.9 / 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	260.9 / 856	210.4 / 690	196.4 / 644	210.4 / 690	210.4 / 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	138.1 / 453	111.4 / 365	104 / 341	111.4 / 365	111.4 / 365	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGBW	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	61	499.2 / 1638	402.6 / 1321	375.8 / 1233	402.6 / 1321	402.6 / 1321	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGBA	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBA	22	180.1 / 591	145.2 / 476	135.5 / 445	145.2 / 476	145.2 / 476	19 ft 7.9 in. (6 m)	✓	✓	✓
RGB Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	18.5	17.2 / 56	13.9 / 46	13 / 42	13.9 / 46	13.9 / 46	16 ft 5 in. (5 m)	N/A	N/A	✓ IP67
			Green	45.6	42.4 / 139	34.2 / 112	31.9 / 105	34.2 / 112	34.2 / 112				
			Blue	11.1	10.3 / 34	8.3 / 27	7.8 / 25	8.3 / 27	8.3 / 27				
			All	89	82.8 / 272	66.8 / 219	62.3 / 204	66.8 / 219	66.8 / 219				
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	20.3	18.9 / 62	15.2 / 50	14.2 / 47	15.2 / 50	15.2 / 50	16 ft 5 in. (5 m)	N/A	N/A	✓ IP67
			Green	51.3	47.7 / 157	38.5 / 126	35.9 / 118	38.5 / 126	38.5 / 126				
			Blue	10.8	10 / 33	8.1 / 27	7.56 / 25	8.1 / 27	8.1 / 27				
			White	51.3	47.7 / 157	38.5 / 126	35.9 / 118	38.5 / 126	38.5 / 126				
			All	167.4	155.7 / 511	125.6 / 412	117.2 / 384	125.6 / 412	125.6 / 412				
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	266 / 873	214.5 / 704	200.2 / 657	214.5 / 704	214.5 / 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			Color Changing RibbonLyte								
0.75/1.5/2.2	3.0/4.4	5.0/6.0	2.2 RGB	4.4 RGB	8.8 RGB	4.4 RGBW/A	5.5 4-in-1 RGBW/A	8.8 RGBW/A	Warm Dim	Variable White	RGB/RGBW Addressable
IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP67
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

LUTRON HI-LUME DRIVERS



40W Lutron Hi-Lume 1% Dimming Class 2 Drivers

Part No.:

- DRVLUT24403W (40 Watt, 3-wire)
- DRVLUT24402W (40 Watt, 2-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC (3-wire model)
or 120V (2-wire model)
IP Rating: Dry or Damp
Dimmable using 2-wire forward phase,
3-wire+G or digital EcoSystem
UL Listed

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

DIMMING MODULE



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



Variable White Dimming Module

- Part No.: VWDIMMOD
- 1 dimming module required per 30 ft (9.1 m)
 - This product is only compatible with Variable White RibbonLyte, not Variable White Amber or Variable White Red. Works with any 0-10V dimmers to provide CCT change with one dimmer and brightness change with the other.

Note: Max length before additional power is introduced

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



GLASS TOUCH
WALL CONTROLLER

Part Number: AWCGRBWW
AWCVWW



1 ZONE WALL CONTROLLER

Part Number: DMXCTRLG



5 ZONE WALL CONTROLLER

Part Number: DMXCTRL



10 ZONE WALL CONTROLLER

Part Number: DMXCTRLD



4 CHANNEL WATERPROOF
DMX INTERFACE

Part Number: DMXINFWLCD4



5 CHANNEL
DMX INTERFACE

Part Number: DMXINFLCD5



DMX OPTO SPLITTER

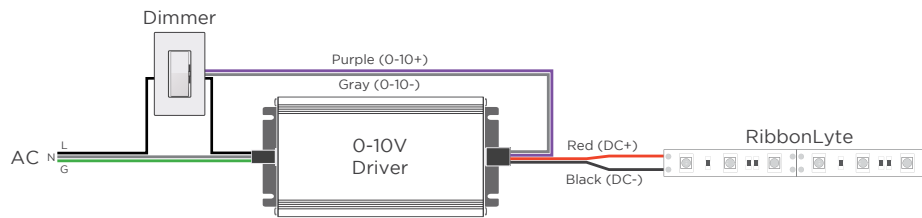
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

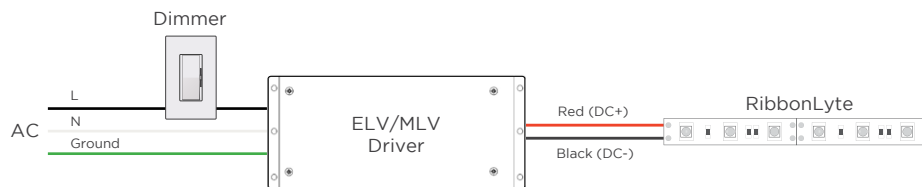
Wattages		30		60		96		150		200		240		300		320	
Wire Gauge		Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27		9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71		14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75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

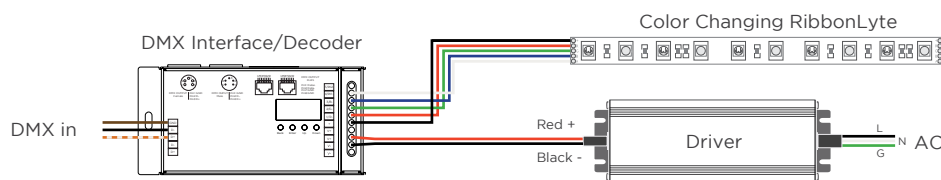
0-10V



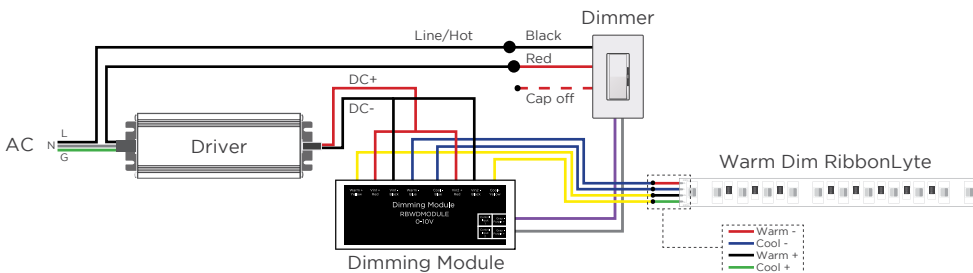
MLV / ELV



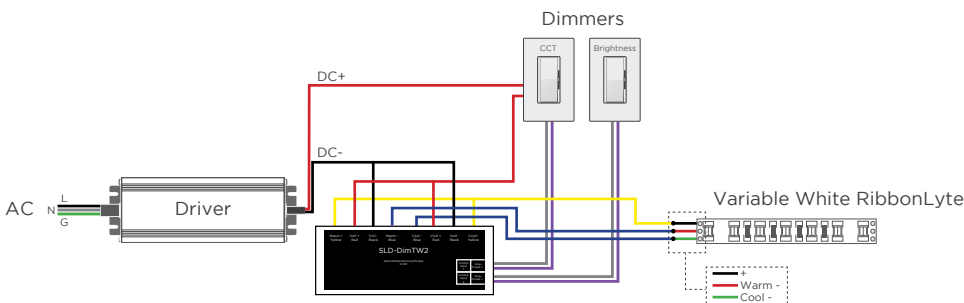
DMX



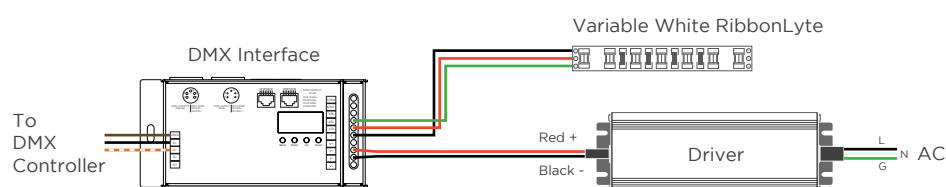
WARM DIM



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

RGB

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

RGBW/A

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

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